



# aikon



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# СМВ

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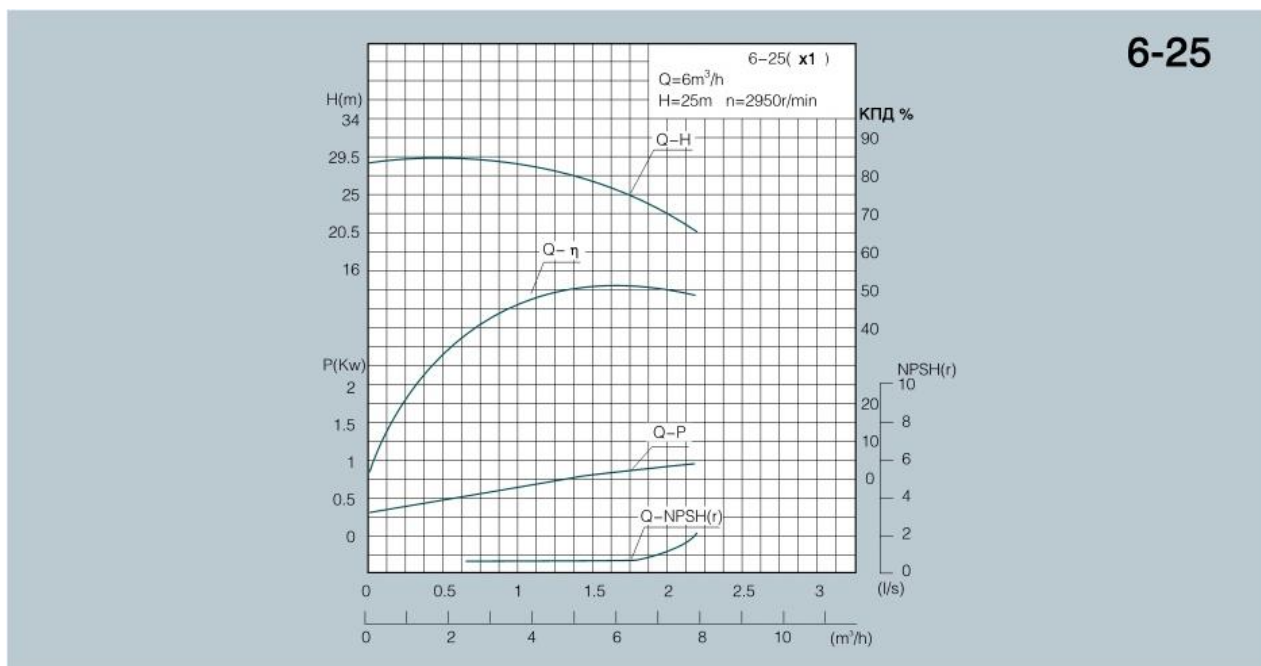
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Единый адрес для всех регионов: [www.aikon.nt-rt.ru](http://www.aikon.nt-rt.ru) || [aok@nt-rt.ru](mailto:aok@nt-rt.ru)

## Приложение А

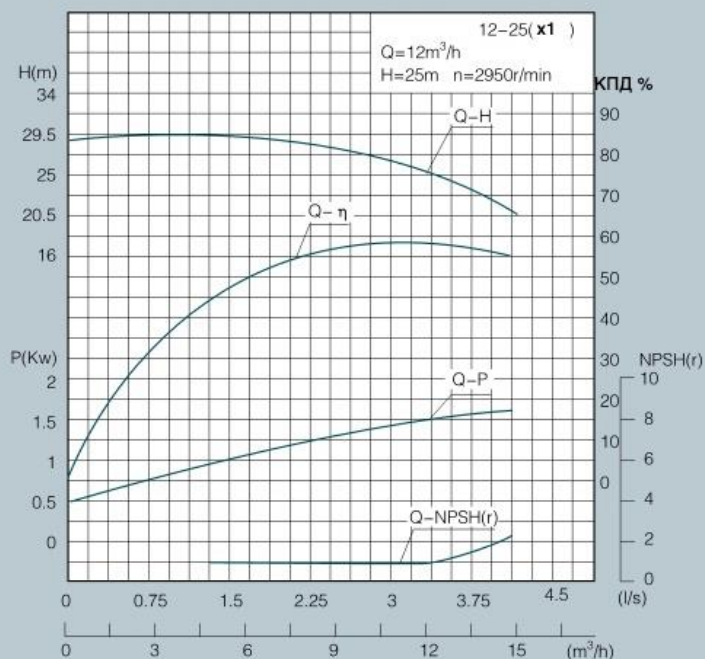
## Графические характеристики насосов



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |      | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | кпд<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor      |                    | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|------|------------------------|----------------------------|----------------------|------------------------------------------|-----------------------------|--------------------|---------|---------------------------------------------------|
|                                                     |                                            |      | m                      | r/min                      | %                    | kW                                       | Мощность<br>Power<br><br>kW | Модель<br><br>Type |         |                                                   |
|                                                     | m³/h                                       | L/s  |                        |                            |                      |                                          |                             |                    |         |                                                   |
| 3                                                   | 3.75                                       | 1.04 | 76.5                   | 2950                       | 40                   | 1.95                                     | 4                           | Y2-112M-2          | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 75.0                   |                            | 51                   | 2.52                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 73.5                   |                            | 53                   | 2.83                                     |                             |                    | 2.5     |                                                   |
| 4                                                   | 3.75                                       | 1.04 | 102.0                  | 2950                       | 40                   | 2.60                                     | 7.5                         | Y2-132S2-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 100.0                  |                            | 51                   | 3.36                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 98.0                   |                            | 53                   | 3.77                                     |                             |                    | 2.5     |                                                   |
| 5                                                   | 3.75                                       | 1.04 | 127.5                  | 2950                       | 40                   | 3.05                                     | 7.5                         | Y2-132S2-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 125.0                  |                            | 51                   | 4.20                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 122.5                  |                            | 53                   | 4.72                                     |                             |                    | 2.5     |                                                   |
| 6                                                   | 3.75                                       | 1.04 | 153.0                  | 2950                       | 40                   | 3.90                                     | 11                          | Y2-160M1-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 150.0                  |                            | 51                   | 5.04                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 147.0                  |                            | 53                   | 5.66                                     |                             |                    | 2.5     |                                                   |
| 7                                                   | 3.75                                       | 1.04 | 178.5                  | 2950                       | 40                   | 4.55                                     | 11                          | Y2-160M1-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 175.0                  |                            | 51                   | 5.88                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 171.5                  |                            | 53                   | 6.60                                     |                             |                    | 2.5     |                                                   |
| 8                                                   | 3.75                                       | 1.04 | 204.0                  | 2950                       | 40                   | 5.20                                     | 15                          | Y2-160M2-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 200.0                  |                            | 51                   | 6.72                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 196.0                  |                            | 53                   | 7.55                                     |                             |                    | 2.5     |                                                   |
| 9                                                   | 3.75                                       | 1.04 | 229.5                  | 2950                       | 40                   | 5.85                                     | 15                          | Y2-160M2-2         | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 225.0                  |                            | 51                   | 7.56                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 220.5                  |                            | 53                   | 8.49                                     |                             |                    | 2.5     |                                                   |
| 10                                                  | 3.75                                       | 1.04 | 255.0                  | 2950                       | 40                   | 6.51                                     | 18.5                        | Y2-160L-2          | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 250.0                  |                            | 51                   | 8.41                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 245.0                  |                            | 53                   | 9.44                                     |                             |                    | 2.5     |                                                   |
| 11                                                  | 3.75                                       | 1.04 | 280.5                  | 2950                       | 40                   | 7.16                                     | 18.5                        | Y2-160L-2          | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 275.0                  |                            | 51                   | 9.25                                     |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 269.5                  |                            | 53                   | 10.38                                    |                             |                    | 2.5     |                                                   |
| 12                                                  | 3.75                                       | 1.04 | 306.0                  | 2950                       | 40                   | 7.81                                     | 18.5                        | Y2-160L-2          | 2.0     | φ 139                                             |
|                                                     | 6.3                                        | 1.75 | 300.0                  |                            | 51                   | 10.09                                    |                             |                    | 2.0     |                                                   |
|                                                     | 7.5                                        | 2.08 | 294.0                  |                            | 53                   | 11.33                                    |                             |                    | 2.5     |                                                   |

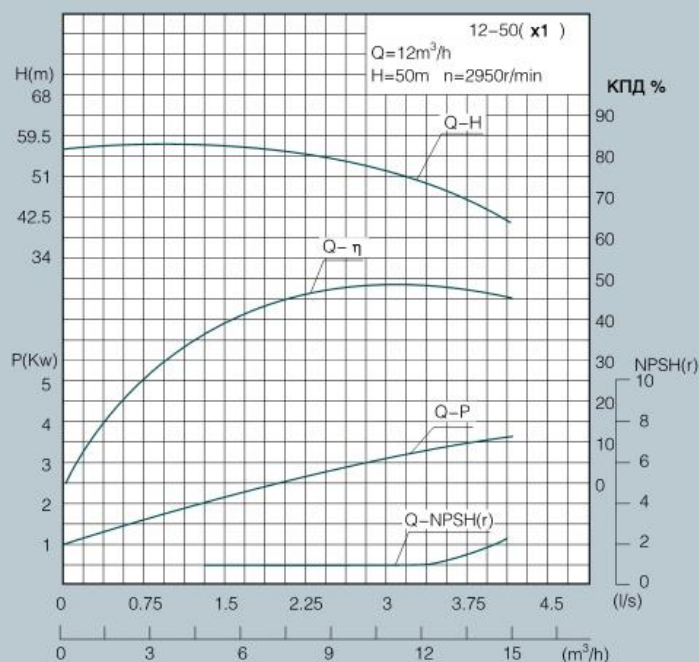
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

12-25



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |      | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | КПД<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|------|------------------------|----------------------------|----------------------|------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     |                                            |      |                        |                            |                      |                                          | Мощность<br>Power      | Модель                  |         |                                                   |
|                                                     | m³/h                                       | L/s  | m                      | r/min                      | %                    | kW                                       | kW                     | Type                    |         |                                                   |
| 3                                                   | 7.5                                        | 2.08 | 84.6                   | 2950                       | 48                   | 3.59                                     | 7.5                    | Y2-132S <sub>2</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 75.0                   |                            | 58                   | 4.40                                     |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 69.0                   |                            | 57                   | 4.94                                     |                        |                         | 2.5     |                                                   |
| 4                                                   | 7.5                                        | 2.08 | 112.8                  | 2950                       | 48                   | 4.79                                     | 11                     | Y2-160M <sub>1</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 100.0                  |                            | 58                   | 5.86                                     |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 92.0                   |                            | 57                   | 6.59                                     |                        |                         | 2.5     |                                                   |
| 5                                                   | 7.5                                        | 2.08 | 141.0                  | 2950                       | 48                   | 5.99                                     | 11                     | Y2-160M <sub>1</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 125.0                  |                            | 58                   | 7.33                                     |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 115.0                  |                            | 57                   | 8.24                                     |                        |                         | 2.5     |                                                   |
| 6                                                   | 7.5                                        | 2.08 | 169.2                  | 2950                       | 48                   | 7.19                                     | 15                     | Y2-160M <sub>2</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 150.0                  |                            | 58                   | 8.80                                     |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 138.0                  |                            | 57                   | 9.88                                     |                        |                         | 2.5     |                                                   |
| 7                                                   | 7.5                                        | 2.08 | 197.4                  | 2950                       | 48                   | 8.39                                     | 15                     | Y2-160M <sub>2</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 175.0                  |                            | 58                   | 10.27                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 161.0                  |                            | 57                   | 11.53                                    |                        |                         | 2.5     |                                                   |
| 8                                                   | 7.5                                        | 2.08 | 225.6                  | 2950                       | 48                   | 9.59                                     | 18.5                   | Y2-160L-2               | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 200.0                  |                            | 58                   | 11.73                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 184.0                  |                            | 57                   | 13.18                                    |                        |                         | 2.5     |                                                   |
| 9                                                   | 7.5                                        | 2.08 | 253.8                  | 2950                       | 48                   | 10.79                                    | 18.5                   | Y2-160L-2               | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 225.0                  |                            | 58                   | 13.20                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 207.0                  |                            | 57                   | 14.83                                    |                        |                         | 2.5     |                                                   |
| 10                                                  | 7.5                                        | 2.08 | 282.0                  | 2950                       | 48                   | 11.99                                    | 22                     | Y2-180M-2               | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 250.0                  |                            | 58                   | 14.67                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 230.0                  |                            | 57                   | 16.48                                    |                        |                         | 2.5     |                                                   |
| 11                                                  | 7.5                                        | 2.08 | 310.2                  | 2950                       | 48                   | 13.19                                    | 22                     | Y2-180M-2               | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 275.0                  |                            | 58                   | 16.14                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 253.0                  |                            | 57                   | 18.13                                    |                        |                         | 2.5     |                                                   |
| 12                                                  | 7.5                                        | 2.08 | 338.4                  | 2950                       | 48                   | 14.39                                    | 30                     | Y2-200L <sub>1</sub> -2 | 2.0     | φ 146                                             |
|                                                     | 12.5                                       | 3.47 | 300.0                  |                            | 58                   | 17.60                                    |                        |                         | 2.0     |                                                   |
|                                                     | 15.0                                       | 4.17 | 276.0                  |                            | 57                   | 19.77                                    |                        |                         | 2.5     |                                                   |

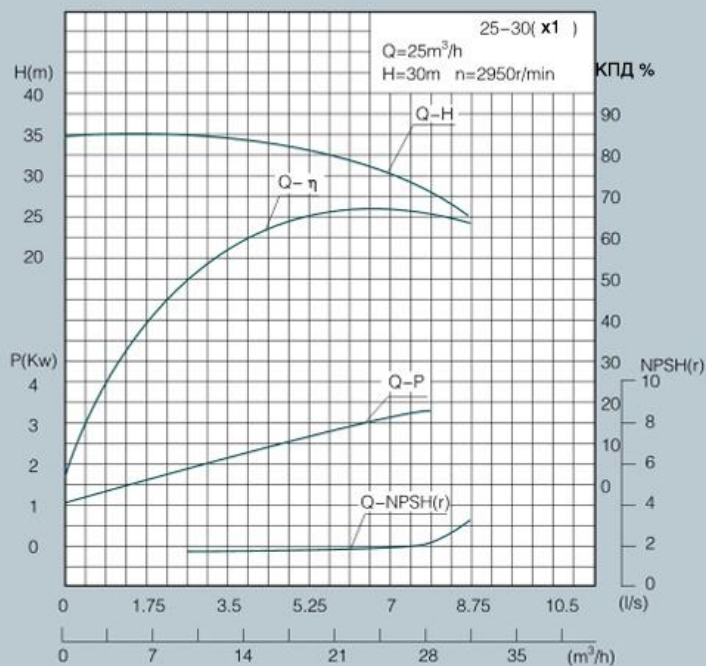
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

**12-50**


| Число<br>раб.<br>колес<br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><b>Q</b> |      | Напор<br>Head<br><b>H</b> | Скорость<br>Speed<br><b>н</b> | КПД<br>Eff.<br><b>η</b> | Мощность<br>на валу<br>Shaft power<br><b>Pa</b> | Эл. двигатель<br>Motor |                         | (NPSH) <sub>r</sub> | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br><b>mm</b> |
|-------------------------------------------------|-----------------------------------------------|------|---------------------------|-------------------------------|-------------------------|-------------------------------------------------|------------------------|-------------------------|---------------------|----------------------------------------------------------------|
|                                                 | m³/h                                          | L/s  | m                         | r/min                         | %                       | kW                                              | Мощность<br>Power      | Модель<br>Type          |                     |                                                                |
|                                                 |                                               |      |                           |                               |                         |                                                 | kW                     |                         |                     |                                                                |
| 3                                               | 7.5                                           | 2.08 | 108.0                     | 2950                          | 42                      | 7.87                                            | 15                     | Y2-160M <sub>2</sub> -2 | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 100.0                     |                               | 49                      | 10.42                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 93.0                      |                               | 48                      | 11.87                                           |                        |                         | 2.5                 |                                                                |
| 4                                               | 7.5                                           | 2.08 | 216.0                     | 2950                          | 42                      | 10.50                                           | 22                     | Y2-180M-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 200.0                     |                               | 49                      | 13.89                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 186.0                     |                               | 48                      | 15.82                                           |                        |                         | 2.5                 |                                                                |
| 5                                               | 7.5                                           | 2.08 | 270.0                     | 2950                          | 42                      | 13.13                                           | 30                     | Y2-200L <sub>1</sub> -2 | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 250.0                     |                               | 49                      | 17.36                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 232.5                     |                               | 48                      | 19.78                                           |                        |                         | 2.5                 |                                                                |
| 6                                               | 7.5                                           | 2.08 | 324.0                     | 2950                          | 42                      | 15.75                                           | 30                     | Y2-200L <sub>1</sub> -2 | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 300.0                     |                               | 49                      | 20.84                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 279.0                     |                               | 48                      | 23.74                                           |                        |                         | 2.5                 |                                                                |
| 7                                               | 7.5                                           | 2.08 | 378.0                     | 2950                          | 42                      | 18.38                                           | 37                     | Y2-200L <sub>2</sub> -2 | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 350.0                     |                               | 49                      | 24.31                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 325.5                     |                               | 48                      | 27.70                                           |                        |                         | 2.5                 |                                                                |
| 8                                               | 7.5                                           | 2.08 | 432.0                     | 2950                          | 42                      | 21.00                                           | 45                     | Y2-225M-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 400.0                     |                               | 49                      | 27.78                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 372.0                     |                               | 48                      | 31.61                                           |                        |                         | 2.5                 |                                                                |
| 9                                               | 7.5                                           | 2.08 | 486.0                     | 2950                          | 42                      | 23.63                                           | 45                     | Y2-225M-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 450.0                     |                               | 49                      | 31.26                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 418.5                     |                               | 48                      | 35.61                                           |                        |                         | 2.5                 |                                                                |
| 10                                              | 7.5                                           | 2.08 | 540.0                     | 2950                          | 42                      | 26.26                                           | 55                     | Y2-250M-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 500.0                     |                               | 49                      | 34.73                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 465.0                     |                               | 48                      | 39.57                                           |                        |                         | 2.5                 |                                                                |
| 11                                              | 7.5                                           | 2.08 | 594.0                     | 2950                          | 42                      | 28.88                                           | 55                     | Y2-250M-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 550.0                     |                               | 49                      | 38.20                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 511.5                     |                               | 48                      | 43.53                                           |                        |                         | 2.5                 |                                                                |
| 12                                              | 7.5                                           | 2.08 | 648.0                     | 2950                          | 42                      | 31.51                                           | 75                     | Y2-280S-2               | 2.0                 | φ 198                                                          |
|                                                 | 12.5                                          | 3.47 | 600.0                     |                               | 49                      | 41.68                                           |                        |                         | 2.0                 |                                                                |
|                                                 | 15.0                                          | 4.17 | 558.0                     |                               | 48                      | 47.48                                           |                        |                         | 2.5                 |                                                                |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

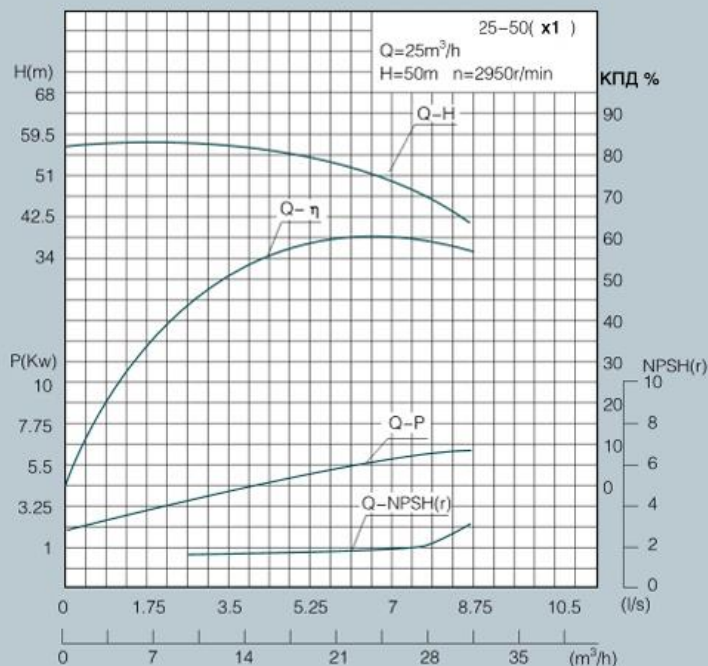
## 25-30



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |      | Напор<br><br>Head<br><br>H<br><br>m | Скорость<br><br>Speed<br><br>n<br><br>r/min | кпд<br><br>Eff.<br><br>η<br><br>% | Мощность<br>на валу<br>Shaft power<br><br>Pa<br><br>kW | Эл. двигатель<br>Motor      |                         | (NPSH)r<br><br>m | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br><br>mm |
|-----------------------------------------------------|--------------------------------------------|------|-------------------------------------|---------------------------------------------|-----------------------------------|--------------------------------------------------------|-----------------------------|-------------------------|------------------|-------------------------------------------------------------|
|                                                     | m³/h                                       | L/s  |                                     |                                             |                                   |                                                        | Мощность<br>Power<br><br>kW | Модель<br><br>Type      |                  |                                                             |
|                                                     |                                            |      |                                     |                                             |                                   |                                                        |                             |                         |                  |                                                             |
| 3                                                   | 15                                         | 4.17 | 102.0                               | 2950                                        | 55                                | 7.57                                                   | 15                          | Y2-160M <sub>2</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 90.0                                |                                             | 67                                | 9.14                                                   |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 82.5                                |                                             | 68                                | 9.91                                                   |                             |                         | 2.4              |                                                             |
| 4                                                   | 15                                         | 4.17 | 136.0                               | 2950                                        | 55                                | 10.10                                                  | 15                          | Y2-160M <sub>2</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 120.0                               |                                             | 67                                | 12.19                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 110.0                               |                                             | 68                                | 13.21                                                  |                             |                         | 2.4              |                                                             |
| 5                                                   | 15                                         | 4.17 | 170.0                               | 2950                                        | 55                                | 12.62                                                  | 22                          | Y2-180M-2               | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 150.0                               |                                             | 67                                | 15.24                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 137.5                               |                                             | 68                                | 16.52                                                  |                             |                         | 2.4              |                                                             |
| 6                                                   | 15                                         | 4.17 | 204.0                               | 2950                                        | 55                                | 15.15                                                  | 30                          | Y2-200L <sub>1</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 180.0                               |                                             | 67                                | 18.29                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 165.0                               |                                             | 68                                | 19.82                                                  |                             |                         | 2.4              |                                                             |
| 7                                                   | 15                                         | 4.17 | 238.0                               | 2950                                        | 55                                | 17.67                                                  | 30                          | Y2-200L <sub>1</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 210.0                               |                                             | 67                                | 21.33                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 192.5                               |                                             | 68                                | 23.12                                                  |                             |                         | 2.4              |                                                             |
| 8                                                   | 15                                         | 4.17 | 272.0                               | 2950                                        | 55                                | 20.20                                                  | 37                          | Y2-200L <sub>2</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 240.0                               |                                             | 67                                | 24.38                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 220.0                               |                                             | 68                                | 26.43                                                  |                             |                         | 2.4              |                                                             |
| 9                                                   | 15                                         | 4.17 | 306.0                               | 2950                                        | 55                                | 22.72                                                  | 37                          | Y2-200L <sub>2</sub> -2 | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 270.0                               |                                             | 67                                | 27.43                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 247.5                               |                                             | 68                                | 29.73                                                  |                             |                         | 2.4              |                                                             |
| 10                                                  | 15                                         | 4.17 | 340.0                               | 2950                                        | 55                                | 25.25                                                  | 45                          | Y2-225M-2               | 2.2              | φ 160                                                       |
|                                                     | 25                                         | 6.94 | 300.0                               |                                             | 67                                | 30.48                                                  |                             |                         | 2.2              |                                                             |
|                                                     | 30                                         | 8.33 | 275.0                               |                                             | 68                                | 33.04                                                  |                             |                         | 2.4              |                                                             |

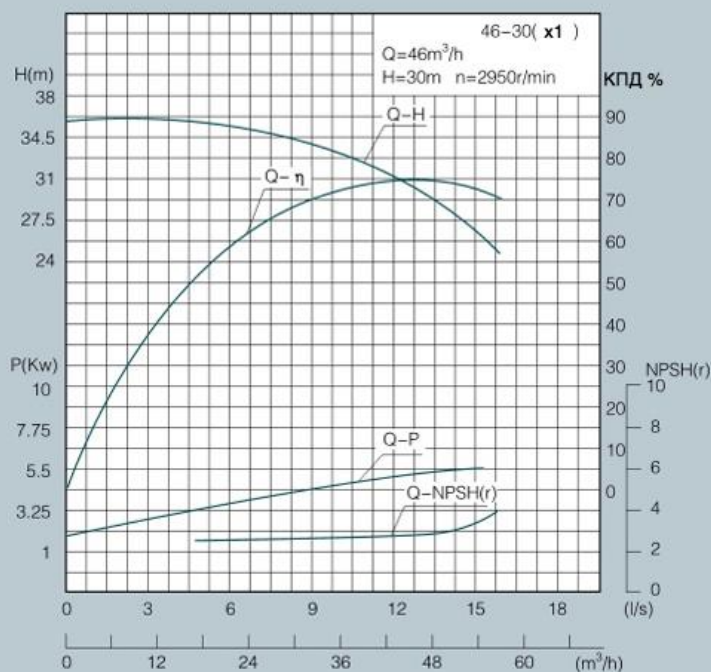
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

## 25-50



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity |      | Напор<br><br>Head<br><br>H | Скорость<br><br>Speed<br><br>n | КПД<br><br>Eff.<br><br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                    | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|-----------------------------------|------|----------------------------|--------------------------------|--------------------------|----------------------------------------------|------------------------|--------------------|---------|---------------------------------------------------|
|                                                     | Q                                 |      |                            |                                |                          |                                              | Мощность<br>Power      | Модель<br><br>Type |         |                                                   |
|                                                     | m³/h                              | L/s  |                            |                                |                          |                                              |                        |                    |         |                                                   |
| 3                                                   | 15                                | 4.17 | 154.5                      | 2950                           | 50                       | 12.62                                        | 22                     | Y2-180M-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 150.0                      |                                | 60                       | 17.02                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 144.0                      |                                | 61                       | 18.00                                        |                        |                    | 2.8     |                                                   |
| 4                                                   | 15                                | 4.17 | 206.0                      | 2950                           | 50                       | 16.83                                        | 30                     | Y2-200L1-2         | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 200.0                      |                                | 60                       | 22.69                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 192.0                      |                                | 61                       | 24.00                                        |                        |                    | 2.8     |                                                   |
| 5                                                   | 15                                | 4.17 | 257.5                      | 2950                           | 50                       | 21.03                                        | 37                     | Y2-200L2-2         | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 250.0                      |                                | 60                       | 28.36                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 240.0                      |                                | 61                       | 30.00                                        |                        |                    | 2.8     |                                                   |
| 6                                                   | 15                                | 4.17 | 309.0                      | 2950                           | 50                       | 25.24                                        | 45                     | Y2-225M-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 300.0                      |                                | 60                       | 34.04                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 288.0                      |                                | 61                       | 36.00                                        |                        |                    | 2.8     |                                                   |
| 7                                                   | 15                                | 4.17 | 360.5                      | 2950                           | 50                       | 29.45                                        | 55                     | Y2-250M-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 350.0                      |                                | 60                       | 39.71                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 336.0                      |                                | 61                       | 42.00                                        |                        |                    | 2.8     |                                                   |
| 8                                                   | 15                                | 4.17 | 412.0                      | 2950                           | 50                       | 33.66                                        | 75                     | Y2-2806-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 400.0                      |                                | 60                       | 45.38                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 384.0                      |                                | 61                       | 48.00                                        |                        |                    | 2.8     |                                                   |
| 9                                                   | 15                                | 4.17 | 463.5                      | 2950                           | 50                       | 37.86                                        | 75                     | Y2-2806-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 450.0                      |                                | 60                       | 51.06                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 432.0                      |                                | 61                       | 54.00                                        |                        |                    | 2.8     |                                                   |
| 10                                                  | 15                                | 4.17 | 515.0                      | 2950                           | 50                       | 42.07                                        | 75                     | Y2-2806-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 500.0                      |                                | 60                       | 56.73                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 480.0                      |                                | 61                       | 60.00                                        |                        |                    | 2.8     |                                                   |
| 11                                                  | 15                                | 4.17 | 566.0                      | 2950                           | 50                       | 46.24                                        | 90                     | Y2-280M-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 550.0                      |                                | 60                       | 62.40                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 528.0                      |                                | 61                       | 66.00                                        |                        |                    | 2.8     |                                                   |
| 12                                                  | 15                                | 4.17 | 618.0                      | 2950                           | 50                       | 50.49                                        | 110                    | Y2-315S-2          | 2.4     | φ 196                                             |
|                                                     | 25                                | 6.94 | 600.0                      |                                | 60                       | 68.08                                        |                        |                    | 2.7     |                                                   |
|                                                     | 28                                | 7.78 | 576.0                      |                                | 61                       | 72.00                                        |                        |                    | 2.8     |                                                   |

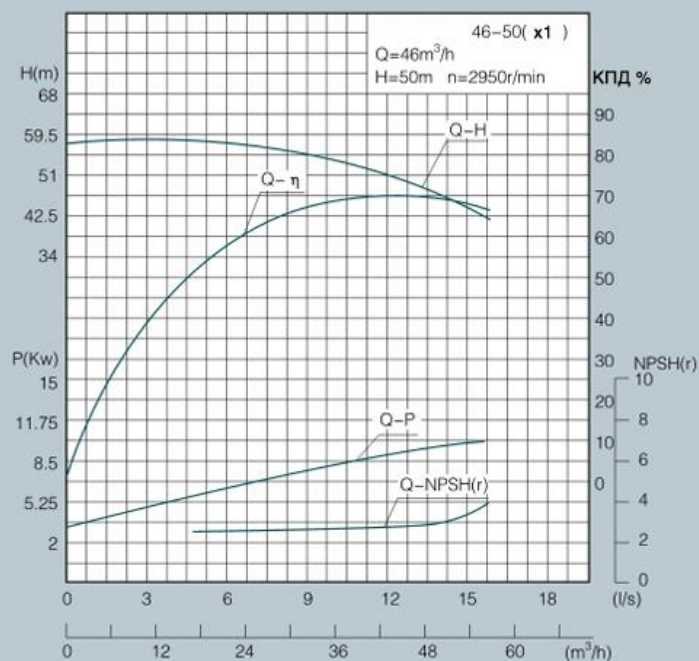
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

**46-30**


| Число<br>раб.<br>колес<br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br>Q |      | Напор<br>Head<br>H | Скорость<br>Speed<br>n | кпд<br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor      |                    | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br><br>mm |
|-------------------------------------------------|----------------------------------------|------|--------------------|------------------------|------------------|------------------------------------------|-----------------------------|--------------------|---------|-------------------------------------------------------------|
|                                                 | m³/h                                   | L/s  | m                  | r/min                  | %                | kW                                       | Мощность<br>Power<br><br>kW | Модель<br><br>Type |         |                                                             |
|                                                 |                                        |      |                    |                        |                  |                                          |                             |                    | m       | mm                                                          |
| 3                                               | 30                                     | 8.33 | 102                | 2950                   | 69               | 12.07                                    | 22                          | Y2-180M-2          | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 90                 |                        | 75               | 15.03                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 81                 |                        | 74               | 16.39                                    |                             |                    | 4.6     |                                                             |
| 4                                               | 30                                     | 8.33 | 136                | 2950                   | 69               | 16.10                                    | 30                          | Y2-200L1-2         | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 120                |                        | 75               | 20.04                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 108                |                        | 74               | 21.86                                    |                             |                    | 4.6     |                                                             |
| 5                                               | 30                                     | 8.33 | 170                | 2950                   | 69               | 20.12                                    | 37                          | Y2-200L2-2         | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 150                |                        | 75               | 25.05                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 135                |                        | 74               | 27.32                                    |                             |                    | 4.6     |                                                             |
| 6                                               | 30                                     | 8.33 | 204                | 2950                   | 69               | 24.15                                    | 37                          | Y2-200L2-2         | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 180                |                        | 75               | 30.06                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 162                |                        | 74               | 32.79                                    |                             |                    | 4.6     |                                                             |
| 7                                               | 30                                     | 8.33 | 238                | 2950                   | 69               | 28.18                                    | 45                          | Y2-225M-2          | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 210                |                        | 75               | 35.07                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 189                |                        | 74               | 38.25                                    |                             |                    | 4.6     |                                                             |
| 8                                               | 30                                     | 8.33 | 272                | 2950                   | 69               | 32.20                                    | 55                          | Y2-250M-2          | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 240                |                        | 75               | 40.08                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 216                |                        | 74               | 43.72                                    |                             |                    | 4.6     |                                                             |
| 9                                               | 30                                     | 8.33 | 306                | 2950                   | 69               | 36.23                                    | 55                          | Y2-250M-2          | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 270                |                        | 75               | 45.09                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 243                |                        | 74               | 49.18                                    |                             |                    | 4.6     |                                                             |
| 10                                              | 30                                     | 8.33 | 340                | 2950                   | 69               | 40.25                                    | 75                          | Y2-280S-2          | 2.4     | φ 162                                                       |
|                                                 | 46                                     | 12.8 | 300                |                        | 75               | 50.10                                    |                             |                    | 2.8     |                                                             |
|                                                 | 55                                     | 15.3 | 270                |                        | 74               | 54.65                                    |                             |                    | 4.6     |                                                             |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

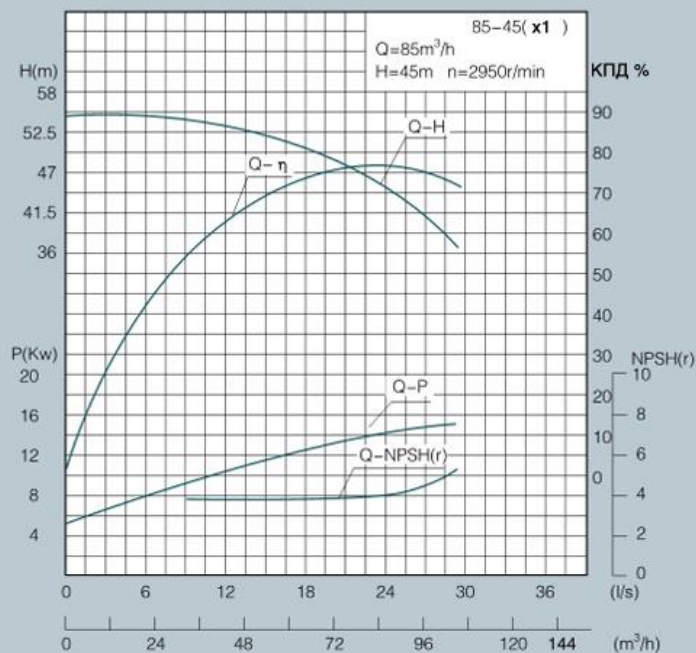
# 46-50



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity |       | Напор<br><br>Head<br><br>H | Скорость<br><br>Speed<br><br>n | КПД<br><br>Eff.<br><br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                    | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|-----------------------------------|-------|----------------------------|--------------------------------|--------------------------|----------------------------------------------|------------------------|--------------------|---------|---------------------------------------------------|
|                                                     | Q                                 |       |                            |                                |                          |                                              | Мощность<br>Power      | Модель<br><br>Type |         |                                                   |
|                                                     | m³/h                              | L/s   |                            |                                |                          |                                              |                        |                    |         |                                                   |
| 3                                                   | 30                                | 8.33  | 166.5                      | 2950                           | 61                       | 22.29                                        | 37                     | Y2-200L2-2         | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 150                        |                                | 70                       | 26.84                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 138                        |                                | 71                       | 29.11                                        |                        |                    | 3.2     |                                                   |
| 4                                                   | 30                                | 8.33  | 222                        | 2950                           | 61                       | 29.73                                        | 45                     | Y2-225M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 200                        |                                | 70                       | 35.79                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 184                        |                                | 71                       | 38.81                                        |                        |                    | 3.2     |                                                   |
| 5                                                   | 30                                | 8.33  | 277.5                      | 2950                           | 61                       | 37.16                                        | 55                     | Y2-250M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 250                        |                                | 70                       | 44.74                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 230                        |                                | 71                       | 48.52                                        |                        |                    | 3.2     |                                                   |
| 6                                                   | 30                                | 8.33  | 333                        | 2950                           | 61                       | 44.59                                        | 75                     | Y2-280S-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 300                        |                                | 70                       | 53.68                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 276                        |                                | 71                       | 58.22                                        |                        |                    | 3.2     |                                                   |
| 7                                                   | 30                                | 8.33  | 388.5                      | 2950                           | 61                       | 52.03                                        | 90                     | Y2-280M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 350                        |                                | 70                       | 62.63                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 322                        |                                | 71                       | 67.92                                        |                        |                    | 3.2     |                                                   |
| 8                                                   | 30                                | 8.33  | 444                        | 2950                           | 61                       | 59.46                                        | 90                     | Y2-280M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 400                        |                                | 70                       | 71.58                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 368                        |                                | 71                       | 77.63                                        |                        |                    | 3.2     |                                                   |
| 9                                                   | 30                                | 8.33  | 499.5                      | 2950                           | 61                       | 66.89                                        | 110                    | Y2-315S-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 450                        |                                | 70                       | 80.53                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 414                        |                                | 71                       | 87.33                                        |                        |                    | 3.2     |                                                   |
| 10                                                  | 30                                | 8.33  | 555                        | 2950                           | 61                       | 74.33                                        | 132                    | Y2-315M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 500                        |                                | 70                       | 89.48                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 460                        |                                | 71                       | 97.04                                        |                        |                    | 3.2     |                                                   |
| 11                                                  | 30                                | 8.33  | 610.5                      | 2950                           | 61                       | 81.76                                        | 132                    | Y2-315M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 550                        |                                | 70                       | 98.42                                        |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 506                        |                                | 71                       | 106.74                                       |                        |                    | 3.2     |                                                   |
| 12                                                  | 30                                | 8.33  | 666                        | 2950                           | 61                       | 89.19                                        | 132                    | Y2-315M-2          | 2.5     | φ 210                                             |
|                                                     | 46                                | 12.78 | 600                        |                                | 70                       | 107.37                                       |                        |                    | 2.8     |                                                   |
|                                                     | 55                                | 15.28 | 552                        |                                | 71                       | 116.45                                       | 160                    | Y2-315L1-2         | 3.2     |                                                   |

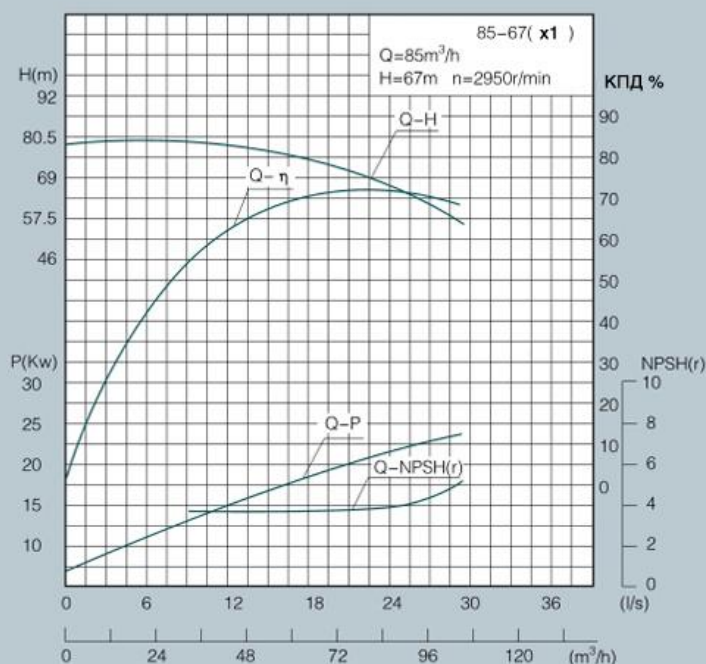
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

# 85-45



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |      | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | КПД<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor |            | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|------|------------------------|----------------------------|----------------------|------------------------------------------|------------------------|------------|---------|---------------------------------------------------|
|                                                     |                                            |      |                        |                            |                      |                                          | Мощность<br>Power      | Модель     |         |                                                   |
|                                                     | m³/h                                       | L/s  | m                      | r/min                      | %                    | kW                                       | kW                     | Type       | m       | mm                                                |
| 3                                                   | 55                                         | 15.3 | 153                    | 2950                       | 68                   | 33.70                                    | 55                     | Y2-250M-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 135                    |                            | 77                   | 40.58                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 117                    |                            | 76                   | 41.92                                    |                        |            | 5.2     |                                                   |
| 4                                                   | 55                                         | 15.3 | 204                    | 2950                       | 68                   | 44.93                                    | 75                     | Y2-280S-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 180                    |                            | 77                   | 54.11                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 156                    |                            | 76                   | 55.89                                    |                        |            | 5.2     |                                                   |
| 5                                                   | 55                                         | 15.3 | 255                    | 2950                       | 68                   | 56.16                                    | 90                     | Y2-280M-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 225                    |                            | 77                   | 67.64                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 195                    |                            | 76                   | 69.87                                    |                        |            | 5.2     |                                                   |
| 6                                                   | 55                                         | 15.3 | 306                    | 2950                       | 68                   | 67.40                                    | 110                    | Y2-315S-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 270                    |                            | 77                   | 81.16                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 234                    |                            | 76                   | 83.84                                    |                        |            | 5.2     |                                                   |
| 7                                                   | 55                                         | 15.3 | 357                    | 2950                       | 68                   | 78.63                                    | 132                    | Y2-315M-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 315                    |                            | 77                   | 94.69                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 273                    |                            | 76                   | 97.82                                    |                        |            | 5.2     |                                                   |
| 8                                                   | 55                                         | 15.3 | 408                    | 2950                       | 68                   | 89.88                                    | 132                    | Y2-315M-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 360                    |                            | 77                   | 108.22                                   |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 312                    |                            | 76                   | 111.79                                   |                        |            | 5.2     |                                                   |
| 9                                                   | 55                                         | 15.3 | 459                    | 2950                       | 68                   | 101.10                                   | 160                    | Y2-315L1-2 | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 405                    |                            | 77                   | 121.75                                   |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 351                    |                            | 76                   | 125.77                                   |                        |            | 5.2     |                                                   |
| 10                                                  | 55                                         | 15.3 | 510                    | 2950                       | 68                   | 118.5                                    | 185                    | Y2-315L-2  | 3.2     | φ 200                                             |
|                                                     | 85                                         | 23.6 | 450                    |                            | 77                   | 140.7                                    |                        |            | 4.2     |                                                   |
|                                                     | 100                                        | 27.8 | 390                    |                            | 76                   | 148.6                                    |                        |            | 5.2     |                                                   |

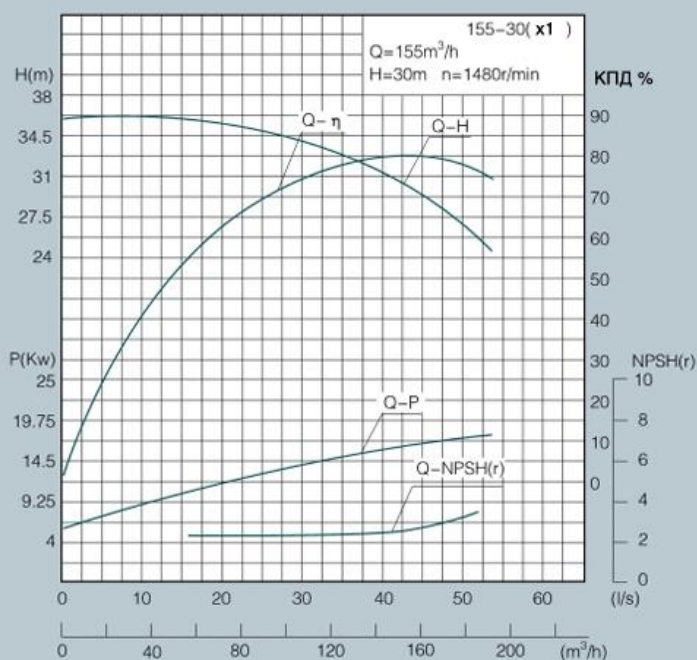
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

**85-67**


| Число<br>раб.<br>колес<br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br>Q |      | Напор<br>Head<br>H | Скорость<br>Speed<br>n | КПД<br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor  |            | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br>mm |
|-------------------------------------------------|----------------------------------------|------|--------------------|------------------------|------------------|------------------------------------------|-------------------------|------------|---------|---------------------------------------------------------|
|                                                 | m³/h                                   | L/s  | m                  | r/min                  | %                | kW                                       | Мощность<br>Power<br>kW | Модель     |         |                                                         |
|                                                 |                                        |      |                    |                        |                  |                                          |                         | Type       |         |                                                         |
| 3                                               | 55                                     | 15.3 | 222                | 2950                   | 62               | 53.63                                    | 90                      | Y2-280M-2  | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 201                |                        | 72               | 64.62                                    |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 183                |                        | 73               | 68.26                                    |                         |            | 4.4     |                                                         |
| 4                                               | 55                                     | 15.3 | 296                | 2950                   | 62               | 71.50                                    | 110                     | Y2-315S-2  | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 268                |                        | 72               | 86.16                                    |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 244                |                        | 73               | 91.02                                    |                         |            | 4.4     |                                                         |
| 5                                               | 55                                     | 15.3 | 370                | 2950                   | 62               | 89.38                                    | 132                     | Y2-315M-2  | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 335                |                        | 72               | 107.70                                   |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 305                |                        | 73               | 113.78                                   |                         |            | 4.4     |                                                         |
| 6                                               | 55                                     | 15.3 | 444                | 2950                   | 62               | 107.26                                   | 160                     | Y2-315L1-2 | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 402                |                        | 72               | 129.24                                   |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 366                |                        | 73               | 136.53                                   |                         |            | 4.4     |                                                         |
| 7                                               | 55                                     | 15.3 | 518                | 2950                   | 62               | 125.14                                   | 185                     | Y2-315L-2  | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 469                |                        | 72               | 150.78                                   |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 427                |                        | 73               | 159.29                                   |                         |            | 4.4     |                                                         |
| 8                                               | 55                                     | 15.3 | 592                | 2950                   | 62               | 143.01                                   | 220                     | Y2-315M1-2 | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 536                |                        | 72               | 172.32                                   |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 488                |                        | 73               | 182.05                                   |                         |            | 4.4     |                                                         |
| 9                                               | 55                                     | 15.3 | 666                | 2950                   | 62               | 160.89                                   | 250                     | Y2-355M2-2 | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 603                |                        | 72               | 193.86                                   |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 549                |                        | 73               | 204.80                                   |                         |            | 4.4     |                                                         |
| 10                                              | 55                                     | 15.3 | 740                | 2950                   | 62               | 187.9                                    | 280                     | Y2-355L1-2 | 3.3     | φ 235                                                   |
|                                                 | 85                                     | 23.6 | 670                |                        | 72               | 220.0                                    |                         |            | 4.0     |                                                         |
|                                                 | 100                                    | 27.8 | 610                |                        | 73               | 239.0                                    |                         |            | 4.4     |                                                         |

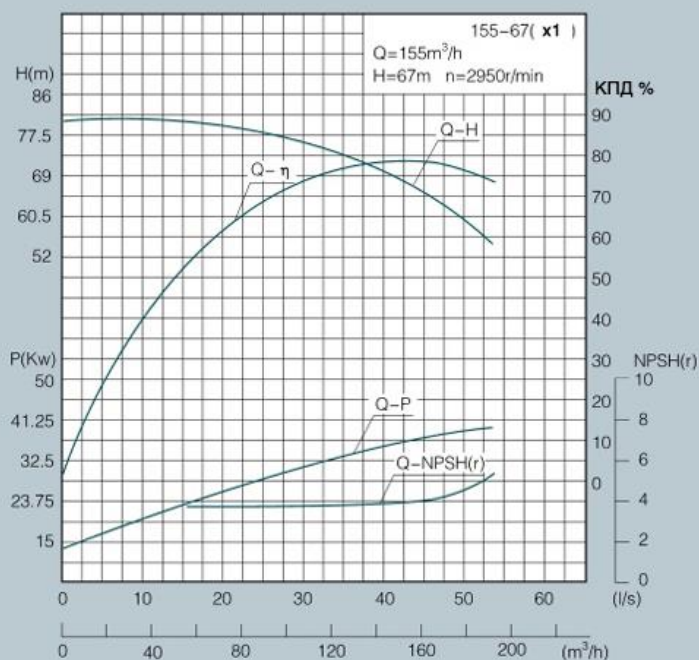
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

# 155-30



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |      | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | КПД<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|------|------------------------|----------------------------|----------------------|----------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     |                                            |      |                        |                            |                      |                                              | Мощность<br>Power      | Модель                  |         |                                                   |
|                                                     | m³/h                                       | L/s  | m                      | r/min                      | %                    | kW                                           |                        | kW                      | Type    | m                                                 |
| 2                                                   | 119                                        | 33.0 | 64                     | 1480                       | 75                   | 27.65                                        | 45                     | Y2-225M-4               | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 60                     |                            | 80                   | 31.65                                        |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 54                     |                            | 82                   | 34.07                                        |                        |                         | 4.8     |                                                   |
| 3                                                   | 119                                        | 33.0 | 96                     | 1480                       | 75                   | 41.48                                        | 75                     | Y2-280S-4               | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 90                     |                            | 80                   | 47.48                                        |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 81                     |                            | 82                   | 51.11                                        |                        |                         | 4.8     |                                                   |
| 4                                                   | 119                                        | 33.0 | 128                    | 1480                       | 75                   | 55.30                                        | 90                     | Y2-280M-4               | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 120                    |                            | 80                   | 63.31                                        |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 108                    |                            | 82                   | 68.14                                        |                        |                         | 4.8     |                                                   |
| 5                                                   | 119                                        | 33.0 | 160                    | 1480                       | 75                   | 69.13                                        | 110                    | Y2-315S-4               | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 150                    |                            | 80                   | 79.14                                        |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 135                    |                            | 82                   | 85.18                                        |                        |                         | 4.8     |                                                   |
| 6                                                   | 119                                        | 33.0 | 192                    | 1480                       | 75                   | 82.96                                        | 132                    | Y2-315M-4               | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 180                    |                            | 80                   | 94.97                                        |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 162                    |                            | 82                   | 102.22                                       |                        |                         | 4.8     |                                                   |
| 7                                                   | 119                                        | 33.0 | 224                    | 1480                       | 75                   | 96.79                                        | 160                    | Y2-315L <sub>1</sub> -4 | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 210                    |                            | 80                   | 110.80                                       |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 189                    |                            | 82                   | 119.26                                       |                        |                         | 4.8     |                                                   |
| 8                                                   | 119                                        | 33.0 | 256                    | 1480                       | 75                   | 110.61                                       | 160                    | Y2-315L <sub>1</sub> -4 | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 240                    |                            | 80                   | 126.63                                       |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 216                    |                            | 82                   | 136.29                                       |                        |                         | 4.8     |                                                   |
| 9                                                   | 119                                        | 33.0 | 288                    | 1480                       | 75                   | 124.44                                       | 200                    | Y2-315L <sub>2</sub> -4 | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 270                    |                            | 80                   | 142.46                                       |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 243                    |                            | 82                   | 153.33                                       |                        |                         | 4.8     |                                                   |
| 10                                                  | 119                                        | 33.0 | 320                    | 1480                       | 75                   | 138.27                                       | 200                    | Y2-315L <sub>2</sub> -4 | 3.2     | φ 305                                             |
|                                                     | 155                                        | 43.0 | 300                    |                            | 80                   | 158.29                                       |                        |                         | 3.9     |                                                   |
|                                                     | 190                                        | 52.8 | 270                    |                            | 82                   | 170.37                                       |                        |                         | 4.8     |                                                   |

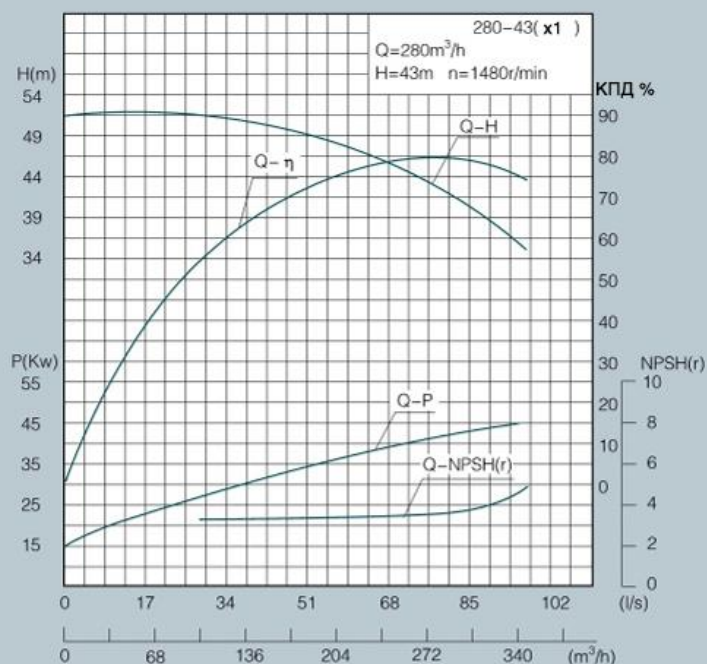
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

**155-67**


| Число<br>раб.<br>колес<br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br>Q |      | Напор<br>Head<br>H<br>m | Скорость<br>Speed<br>n<br>r/min | кпд<br>Eff.<br>η<br>% | Мощность<br>на валу<br>Shaft power<br>Pa<br>kW | Эл. двигатель<br>Motor  |                         | (NPSH)r<br>m | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br>mm |
|-------------------------------------------------|----------------------------------------|------|-------------------------|---------------------------------|-----------------------|------------------------------------------------|-------------------------|-------------------------|--------------|---------------------------------------------------------|
|                                                 | m³/h                                   | L/s  |                         |                                 |                       |                                                | Мощность<br>Power<br>kW | Модель<br>Type          |              |                                                         |
|                                                 |                                        |      |                         |                                 |                       |                                                |                         |                         |              |                                                         |
| 2                                               | 100                                    | 27.8 | 152                     | 2950                            | 69                    | 59.99                                          | 90                      | Y2-280M-2               | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 134                     |                                 | 79                    | 71.59                                          |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 118                     |                                 | 77                    | 77.20                                          |                         |                         | 6.6          |                                                         |
| 3                                               | 100                                    | 27.8 | 228                     | 2950                            | 69                    | 89.98                                          | 132                     | Y2-315M-2               | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 201                     |                                 | 79                    | 107.39                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 177                     |                                 | 77                    | 115.81                                         |                         |                         | 6.6          |                                                         |
| 4                                               | 100                                    | 27.8 | 304                     | 2950                            | 69                    | 119.98                                         | 185                     | Y2-315L-2               | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 268                     |                                 | 79                    | 143.19                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 236                     |                                 | 77                    | 154.41                                         |                         |                         | 6.6          |                                                         |
| 5                                               | 100                                    | 27.8 | 380                     | 2950                            | 69                    | 149.97                                         | 200                     | Y2-355M <sub>1</sub> -2 | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 335                     |                                 | 79                    | 178.99                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 295                     |                                 | 77                    | 193.01                                         |                         |                         | 6.6          |                                                         |
| 6                                               | 100                                    | 27.8 | 456                     | 2950                            | 69                    | 179.97                                         | 280                     | Y2-355L <sub>1</sub> -2 | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 402                     |                                 | 79                    | 214.79                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 354                     |                                 | 77                    | 231.62                                         |                         |                         | 6.6          |                                                         |
| 7                                               | 100                                    | 27.8 | 532                     | 2950                            | 69                    | 209.97                                         | 315                     | Y2-355L <sub>2</sub> -2 | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 469                     |                                 | 79                    | 250.59                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 413                     |                                 | 77                    | 270.22                                         |                         |                         | 6.6          |                                                         |
| 8                                               | 100                                    | 27.8 | 608                     | 2950                            | 69                    | 239.96                                         | 355                     | Y2-355-2<br>(6KV)       | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 536                     |                                 | 79                    | 286.39                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 472                     |                                 | 77                    | 308.83                                         |                         |                         | 6.6          |                                                         |
| 9                                               | 100                                    | 27.8 | 684                     | 2950                            | 69                    | 269.96                                         | 400                     | Y2-3556-2<br>(IP23/6KV) | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 603                     |                                 | 79                    | 322.19                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 531                     |                                 | 77                    | 347.43                                         |                         |                         | 6.6          |                                                         |
| 10                                              | 100                                    | 27.8 | 760                     | 2950                            | 69                    | 299.96                                         | 450                     | Y2-4001-2<br>(IP23/6KV) | 3.2          | φ 235                                                   |
|                                                 | 155                                    | 43.1 | 670                     |                                 | 79                    | 357.99                                         |                         |                         | 5.0          |                                                         |
|                                                 | 185                                    | 51.4 | 590                     |                                 | 77                    | 386.04                                         |                         |                         | 6.6          |                                                         |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

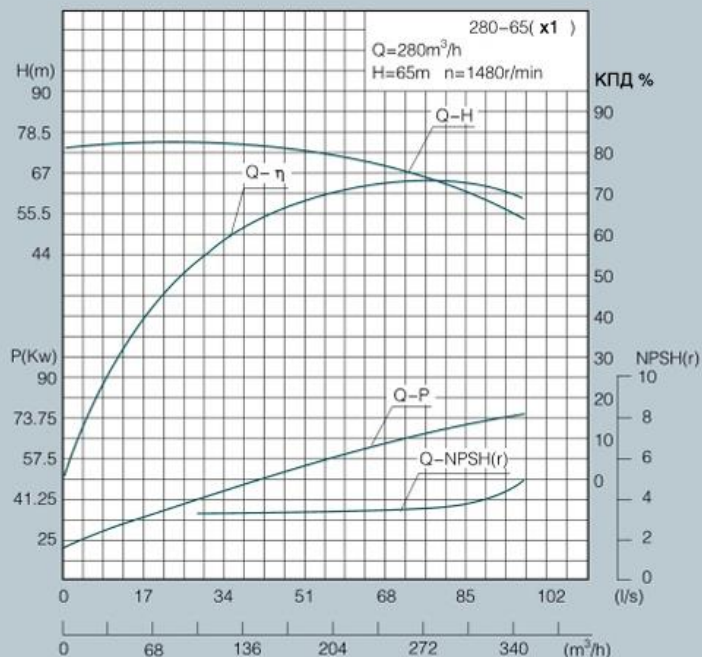
## 280-43



| Число<br>раб.<br>колес<br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br>Q |      | Напор<br>Head<br>H | Скорость<br>Speed<br>n | КПД<br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r<br>m | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia.<br>mm |
|-------------------------------------------------|----------------------------------------|------|--------------------|------------------------|------------------|------------------------------------------|------------------------|-------------------------|--------------|---------------------------------------------------------|
|                                                 | m³/h                                   | L/s  | m                  | r/min                  | %                | kW                                       | Мощность<br>Power      | Модель<br>Type          |              |                                                         |
|                                                 |                                        |      |                    |                        |                  |                                          | kW                     |                         |              |                                                         |
| 2                                               | 185                                    | 51.4 | 94                 | 1480                   | 75               | 63.14                                    | 110                    | Y2-315S-4               | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 86                 |                        | 80               | 81.97                                    |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 76                 |                        | 81               | 85.59                                    |                        |                         | 5.2          |                                                         |
| 3                                               | 185                                    | 51.4 | 141                | 1480                   | 75               | 94.71                                    | 160                    | Y2-315L <sub>1</sub> -4 | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 129                |                        | 80               | 122.95                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 114                |                        | 81               | 128.69                                   |                        |                         | 5.2          |                                                         |
| 4                                               | 185                                    | 51.4 | 188                | 1480                   | 75               | 126.28                                   | 200                    | Y2-315L <sub>2</sub> -4 | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 172                |                        | 80               | 163.94                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 152                |                        | 81               | 171.19                                   |                        |                         | 5.2          |                                                         |
| 5                                               | 185                                    | 51.4 | 235                | 1480                   | 75               | 157.86                                   | 250                    | Y2-355M-4               | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 215                |                        | 80               | 204.92                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 190                |                        | 81               | 213.99                                   |                        |                         | 5.2          |                                                         |
| 6                                               | 185                                    | 51.4 | 282                | 1480                   | 75               | 189.43                                   | 280                    | Y2-355L <sub>1</sub> -4 | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 258                |                        | 80               | 245.91                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 228                |                        | 81               | 256.79                                   |                        |                         | 5.2          |                                                         |
| 7                                               | 185                                    | 51.4 | 329                | 1480                   | 75               | 221.00                                   | 355                    | Y2-355L <sub>2</sub> -4 | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 301                |                        | 80               | 286.90                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 266                |                        | 81               | 299.59                                   |                        |                         | 5.2          |                                                         |
| 8                                               | 185                                    | 51.4 | 376                | 1480                   | 75               | 252.57                                   | 450                    | Y2-4002-4<br>(IP23/6KV) | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 344                |                        | 80               | 327.88                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 304                |                        | 81               | 342.39                                   |                        |                         | 5.2          |                                                         |
| 9                                               | 185                                    | 51.4 | 423                | 1480                   | 75               | 284.15                                   | 450                    | Y2-4003-4<br>(IP23/6KV) | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 387                |                        | 80               | 368.87                                   |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 342                |                        | 81               | 385.19                                   |                        |                         | 5.2          |                                                         |
| 10                                              | 185                                    | 51.4 | 470                | 1480                   | 75               | 341.8                                    | 500                    | Y2-4004-4<br>(IP23/6KV) | 2.5          | φ 360                                                   |
|                                                 | 280                                    | 77.8 | 430                |                        | 80               | 417.5                                    |                        |                         | 4.0          |                                                         |
|                                                 | 335                                    | 93.1 | 380                |                        | 81               | 450.5                                    |                        |                         | 5.2          |                                                         |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

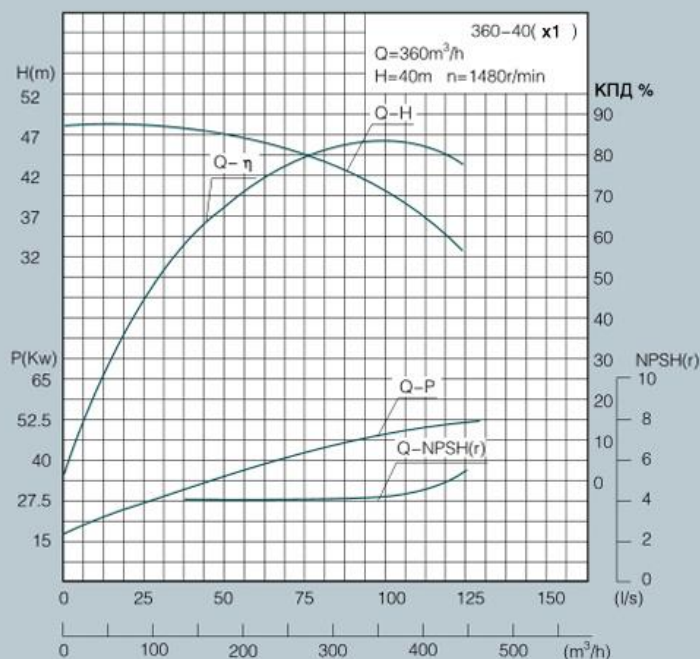
## 280-65



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity |      | Напор<br><br>Head<br><br>H | Скорость<br><br>Speed<br><br>n | кпд<br><br>Eff.<br><br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|-----------------------------------|------|----------------------------|--------------------------------|--------------------------|----------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     | Q                                 |      |                            |                                |                          |                                              | Мощность<br>Power      | Модель<br><br>Type      |         |                                                   |
|                                                     | m³/h                              | L/s  |                            |                                |                          |                                              |                        |                         |         |                                                   |
| 3                                                   | 185                               | 51.4 | 204                        | 1480                           | 61                       | 168.48                                       | 280                    | Y2–3555–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 195                        |                                | 73                       | 203.68                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 186                        |                                | 74                       | 229.31                                       |                        |                         | 5.0     |                                                   |
| 4                                                   | 185                               | 51.4 | 272                        | 1480                           | 61                       | 224.65                                       | 355                    | Y2–4001–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 260                        |                                | 73                       | 271.58                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 248                        |                                | 74                       | 305.74                                       |                        |                         | 5.0     |                                                   |
| 5                                                   | 185                               | 51.4 | 340                        | 1480                           | 61                       | 280.81                                       | 450                    | Y2–4003–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 325                        |                                | 73                       | 339.48                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 310                        |                                | 74                       | 382.18                                       |                        |                         | 5.0     |                                                   |
| 6                                                   | 185                               | 51.4 | 408                        | 1480                           | 61                       | 336.97                                       | 500                    | Y2–4004–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 390                        |                                | 73                       | 407.37                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 372                        |                                | 74                       | 458.62                                       |                        |                         | 5.0     |                                                   |
| 7                                                   | 185                               | 51.4 | 476                        | 1480                           | 61                       | 393.13                                       | 630                    | Y2–4004–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 455                        |                                | 73                       | 475.27                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 434                        |                                | 74                       | 535.05                                       |                        |                         | 5.0     |                                                   |
| 8                                                   | 185                               | 51.4 | 544                        | 1480                           | 61                       | 449.30                                       | 710                    | Y2–4501–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 520                        |                                | 73                       | 543.17                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 496                        |                                | 74                       | 611.49                                       |                        |                         | 5.0     |                                                   |
| 9                                                   | 185                               | 51.4 | 612                        | 1480                           | 61                       | 505.46                                       | 800                    | Y2–4503–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 585                        |                                | 73                       | 611.06                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 558                        |                                | 74                       | 687.93                                       |                        |                         | 5.0     |                                                   |
| 10                                                  | 185                               | 51.4 | 680                        | 1480                           | 61                       | 561.62                                       | 900                    | Y2–4504–4<br>(IP23/6KV) | 2.8     | φ 430                                             |
|                                                     | 280                               | 77.8 | 650                        |                                | 73                       | 678.96                                       |                        |                         | 3.7     |                                                   |
|                                                     | 335                               | 93.1 | 620                        |                                | 74                       | 764.36                                       |                        |                         | 5.0     |                                                   |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

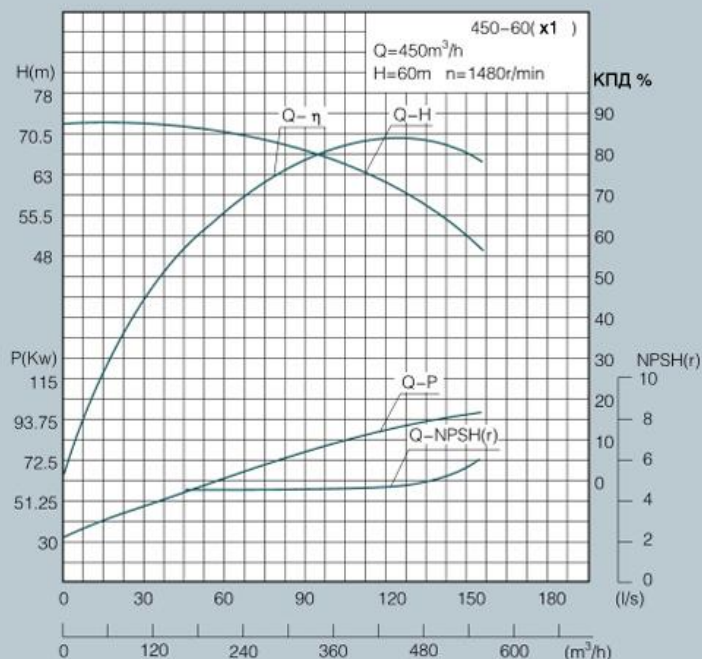
# 360-40



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |       | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | КПД<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|-------|------------------------|----------------------------|----------------------|------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     | m³/h                                       | L/s   | m                      | r/min                      | %                    | kW                                       | Мощность<br>Power      | Модель                  |         |                                                   |
|                                                     |                                            |       |                        |                            |                      |                                          | kW                     | Type                    |         |                                                   |
| 3                                                   | 300                                        | 83.3  | 126.0                  | 1480                       | 81                   | 127.08                                   | 185                    | Y2-315L <sub>2</sub> -4 | 4.65    | φ 360                                             |
|                                                     | 360                                        | 100   | 120.0                  |                            | 84                   | 140.05                                   |                        |                         | 4.7     |                                                   |
|                                                     | 440                                        | 122.2 | 106.5                  |                            | 82                   | 155.62                                   |                        |                         | 5.4     |                                                   |
| 4                                                   | 300                                        | 83.3  | 168.0                  | 1480                       | 81                   | 169.45                                   | 250                    | Y2-355M <sub>2</sub> -4 | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 160.0                  |                            | 84                   | 186.74                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 142.0                  |                            | 82                   | 207.50                                   |                        |                         | 82      |                                                   |
| 5                                                   | 300                                        | 83.3  | 210.0                  | 1480                       | 81                   | 211.81                                   | 315                    | Y2-355L <sub>2</sub> -4 | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 200.0                  |                            | 84                   | 233.42                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 177.5                  |                            | 82                   | 259.37                                   |                        |                         | 82      |                                                   |
| 6                                                   | 300                                        | 83.3  | 252.0                  | 1480                       | 81                   | 254.17                                   | 400                    | Y2-3556-4<br>(IP23/6KV) | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 240.0                  |                            | 84                   | 288.11                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 213.0                  |                            | 82                   | 311.25                                   |                        |                         | 82      |                                                   |
| 7                                                   | 300                                        | 83.3  | 294.0                  | 1480                       | 81                   | 296.53                                   | 450                    | Y2-4002-4<br>(IP23/6KV) | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 280.0                  |                            | 84                   | 326.79                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 248.5                  |                            | 82                   | 363.13                                   |                        |                         | 82      |                                                   |
| 8                                                   | 300                                        | 83.3  | 336.0                  | 1480                       | 81                   | 338.90                                   | 500                    | Y2-4003-4<br>(IP23/6KV) | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 320.0                  |                            | 84                   | 373.48                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 284.0                  |                            | 82                   | 415.00                                   |                        |                         | 82      |                                                   |
| 9                                                   | 300                                        | 83.3  | 378.0                  | 1480                       | 81                   | 381.26                                   | 560                    | Y2-4004-4<br>(IP23/6KV) | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 360.0                  |                            | 84                   | 420.16                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 319.5                  |                            | 82                   | 466.88                                   |                        |                         | 82      |                                                   |
| 10                                                  | 300                                        | 83.3  | 420.0                  | 1480                       | 81                   | 423.62                                   | 630                    | Y2-4501-4<br>(IP23/6KV) | 81      | φ 360                                             |
|                                                     | 360                                        | 100   | 400.0                  |                            | 84                   | 466.85                                   |                        |                         | 84      |                                                   |
|                                                     | 440                                        | 122.2 | 355.0                  |                            | 82                   | 518.75                                   |                        |                         | 82      |                                                   |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

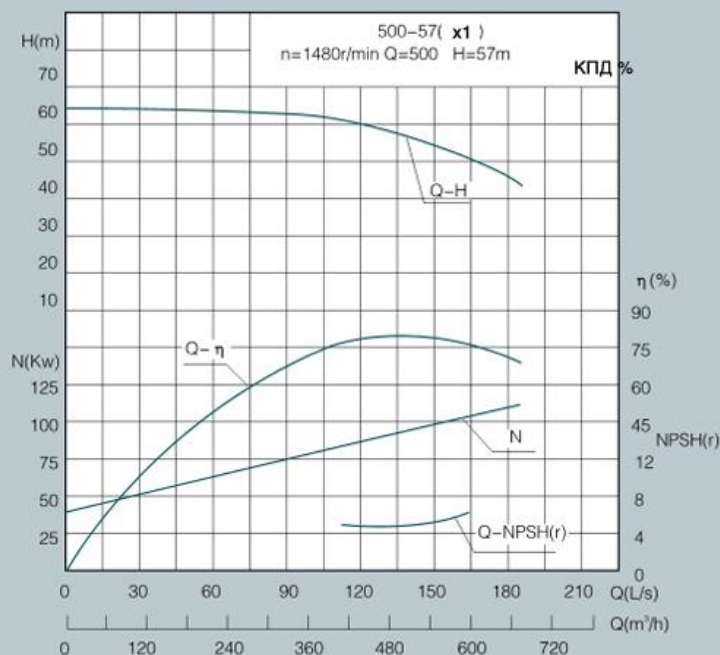
# 450-60



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity |       | Напор<br><br>Head<br><br>H | Скорость<br><br>Speed<br><br>n | КПД<br><br>Eff.<br><br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|-----------------------------------|-------|----------------------------|--------------------------------|--------------------------|----------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     | Q                                 |       |                            |                                |                          |                                              | Мощность<br>Power      | Модель<br><br>Type      |         |                                                   |
|                                                     | m³/h                              | L/s   |                            |                                |                          |                                              |                        |                         |         |                                                   |
| 2                                                   | 335                               | 93.1  | 130                        | 1480                           | 76                       | 156.05                                       | 250                    | Y2-3554-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 120                        |                                | 84                       | 175.07                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 113                        |                                | 83                       | 185.38                                       |                        |                         | 6.3     |                                                   |
| 3                                                   | 335                               | 93.1  | 195                        | 1480                           | 76                       | 234.07                                       | 355                    | Y2-4001-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 180                        |                                | 84                       | 262.60                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 171                        |                                | 83                       | 280.53                                       |                        |                         | 6.3     |                                                   |
| 4                                                   | 335                               | 93.1  | 260                        | 1480                           | 76                       | 312.10                                       | 400                    | Y2-4002-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 240                        |                                | 84                       | 350.14                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 228                        |                                | 83                       | 374.04                                       |                        |                         | 6.3     |                                                   |
| 5                                                   | 335                               | 93.1  | 325                        | 1480                           | 76                       | 390.13                                       | 500                    | Y2-4004-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 300                        |                                | 84                       | 437.67                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 285                        |                                | 83                       | 467.55                                       |                        |                         | 6.3     |                                                   |
| 6                                                   | 335                               | 93.1  | 390                        | 1480                           | 76                       | 468.15                                       | 630                    | Y2-4501-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 360                        |                                | 84                       | 525.21                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 342                        |                                | 83                       | 561.06                                       |                        |                         | 6.3     |                                                   |
| 7                                                   | 335                               | 93.1  | 455                        | 1480                           | 76                       | 546.18                                       | 710                    | Y2-4502-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 420                        |                                | 84                       | 612.74                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 399                        |                                | 83                       | 654.57                                       |                        |                         | 6.3     |                                                   |
| 8                                                   | 335                               | 93.1  | 520                        | 1480                           | 76                       | 624.21                                       | 800                    | Y2-4503-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 480                        |                                | 84                       | 700.28                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 456                        |                                | 83                       | 748.09                                       |                        |                         | 6.3     |                                                   |
| 9                                                   | 335                               | 93.1  | 585                        | 1480                           | 76                       | 702.23                                       | 900                    | Y2-4504-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 540                        |                                | 84                       | 787.81                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 513                        |                                | 83                       | 841.60                                       |                        |                         | 6.3     |                                                   |
| 10                                                  | 335                               | 93.1  | 650                        | 1480                           | 76                       | 780.26                                       | 1000                   | Y2-5001-4<br>(IP23/6KV) | 4.1     | φ 430                                             |
|                                                     | 450                               | 125.0 | 600                        |                                | 84                       | 875.35                                       |                        |                         | 5.2     |                                                   |
|                                                     | 500                               | 138.9 | 570                        |                                | 83                       | 935.11                                       |                        |                         | 6.3     |                                                   |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

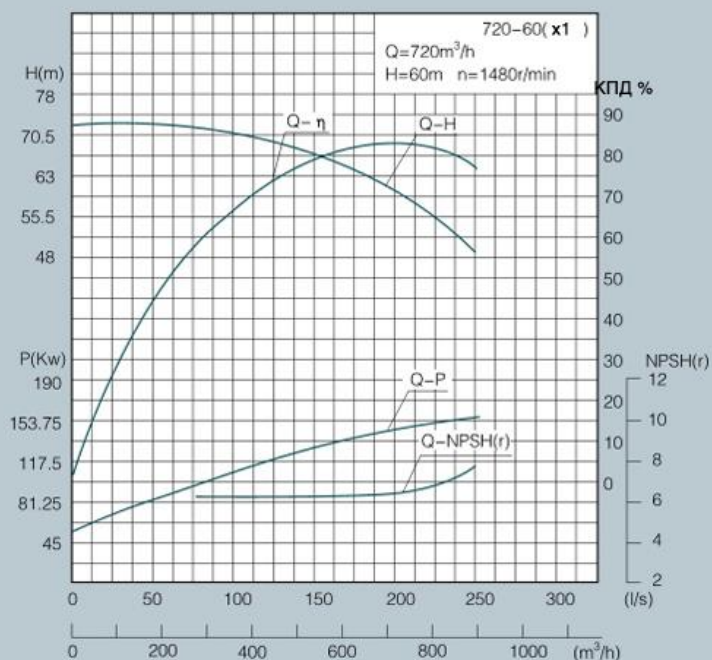
# 500-57



| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |       | Напор<br><br>Head<br>H | Скорость<br><br>Speed<br>n | КПД<br><br>Eff.<br>η | Мощность<br>на валу<br>Shaft power<br>Pa | Эл. двигатель<br>Motor |           | (NPSH) <sub>r</sub> | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|-------|------------------------|----------------------------|----------------------|------------------------------------------|------------------------|-----------|---------------------|---------------------------------------------------|
|                                                     |                                            |       |                        |                            |                      |                                          | Мощность<br>Power      | Модель    |                     |                                                   |
|                                                     | m³/h                                       | L/s   | m                      | r/min                      | %                    | kW                                       | kW                     | Type      |                     |                                                   |
| 3                                                   | 450                                        | 125.0 | 180                    | 1480                       | 81                   | 272.6                                    | 355                    | Y2-3555-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 171                    |                            | 82                   | 284.1                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 162                    |                            | 80                   | 303.7                                    |                        |           | 5.8                 |                                                   |
| 4                                                   | 450                                        | 125.0 | 240                    | 1480                       | 81                   | 363.5                                    | 450                    | Y2-4001-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 228                    |                            | 82                   | 378.8                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 216                    |                            | 80                   | 404.9                                    |                        |           | 5.8                 |                                                   |
| 5                                                   | 450                                        | 125.0 | 300                    | 1480                       | 81                   | 454.4                                    | 630                    | Y2-4004-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 285                    |                            | 82                   | 473.5                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 270                    |                            | 80                   | 506.31                                   |                        |           | 5.8                 |                                                   |
| 6                                                   | 450                                        | 125.0 | 360                    | 1480                       | 81                   | 545.3                                    | 710                    | Y2-4501-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 342                    |                            | 82                   | 568.2                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 324                    |                            | 80                   | 607.4                                    |                        |           | 5.8                 |                                                   |
| 7                                                   | 450                                        | 125.0 | 420                    | 1480                       | 81                   | 636.1                                    | 800                    | Y2-4502-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 399                    |                            | 82                   | 662.9                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 378                    |                            | 80                   | 708.6                                    |                        |           | 5.8                 |                                                   |
| 8                                                   | 450                                        | 125.0 | 480                    | 1480                       | 81                   | 727.0                                    | 1000                   | Y2-4504-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 456                    |                            | 82                   | 757.6                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 432                    |                            | 80                   | 809.8                                    |                        |           | 5.8                 |                                                   |
| 9                                                   | 450                                        | 125.0 | 540                    | 1480                       | 81                   | 817.9                                    | 1120                   | Y2-5001-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 513                    |                            | 82                   | 852.3                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 486                    |                            | 80                   | 911.0                                    |                        |           | 5.8                 |                                                   |
| 10                                                  | 450                                        | 125.0 | 600                    | 1480                       | 81                   | 908.8                                    | 1250                   | Y2-5002-4 | 4.4                 | φ 430                                             |
|                                                     | 500                                        | 138.9 | 570                    |                            | 82                   | 947.0                                    |                        |           | 5.0                 |                                                   |
|                                                     | 550                                        | 152.7 | 540                    |                            | 80                   | 1012.3                                   |                        |           | 5.8                 |                                                   |

Q-H (кПа/м) – давление создаваемое одной ступенью насоса

## 720-60

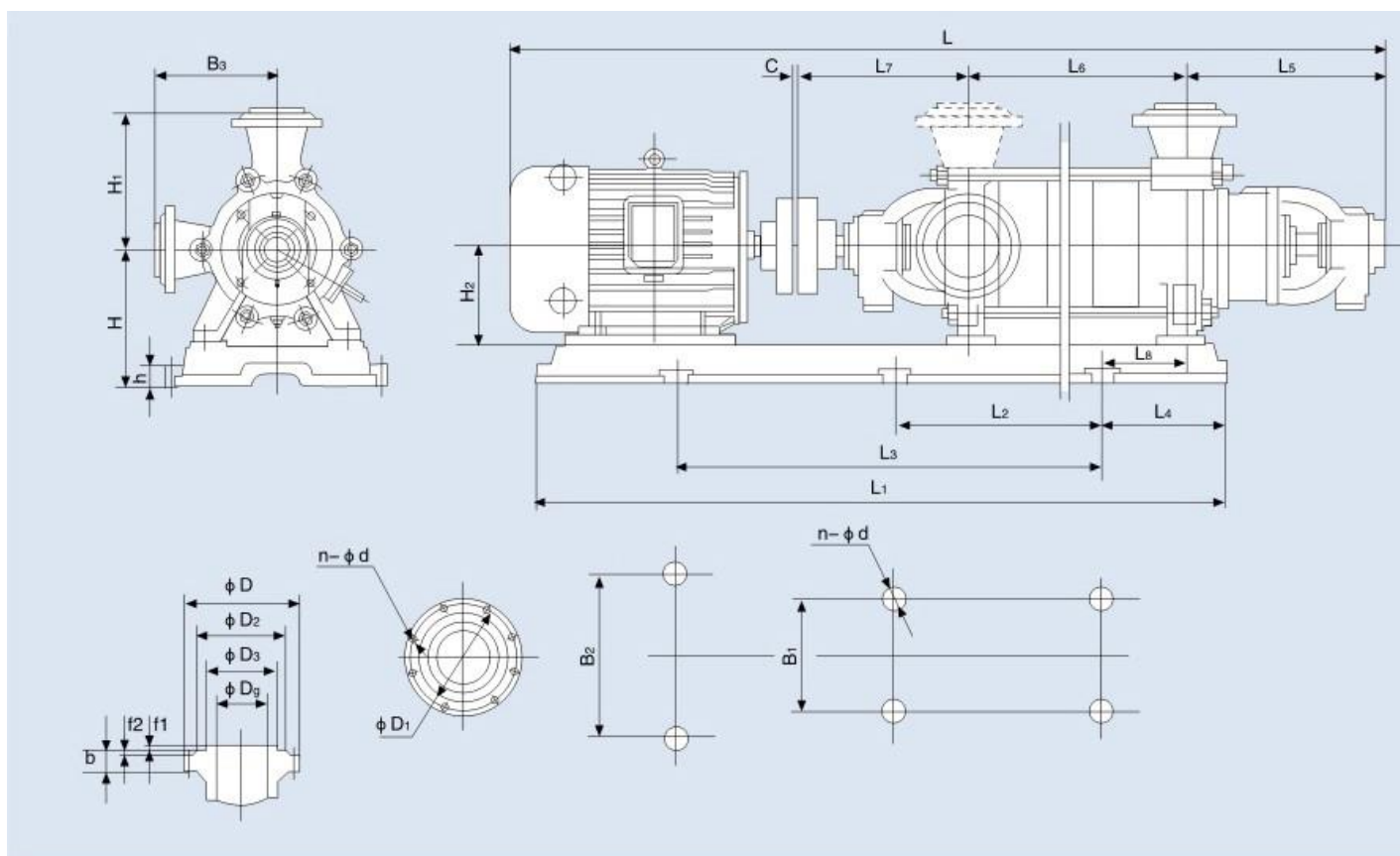


| Число<br>раб.<br>колес<br><br>Number<br>of<br>Stage | Номинальный<br>расход<br>Capacity<br><br>Q |       | Напор<br><br>Head<br><br>H | Скорость<br><br>Speed<br><br>n | кпд<br><br>Eff.<br><br>η | Мощность<br>на валу<br>Shaft power<br><br>Pa | Эл. двигатель<br>Motor |                         | (NPSH)r | Диаметр<br>рабочего<br>колеса<br>Impeller<br>Dia. |
|-----------------------------------------------------|--------------------------------------------|-------|----------------------------|--------------------------------|--------------------------|----------------------------------------------|------------------------|-------------------------|---------|---------------------------------------------------|
|                                                     |                                            |       |                            |                                |                          |                                              | Мощность<br>Power      | Модель                  |         |                                                   |
|                                                     | m³/h                                       | L/s   | m                          | r/min                          | %                        | kW                                           | kW                     | Type                    |         |                                                   |
| 3                                                   | 550                                        | 152.8 | 198                        | 1480                           | 75                       | 310.59                                       | 560                    | Y2-4005-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 180                        |                                | 82                       | 430.42                                       |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 171                        |                                | 80                       | 502.94                                       |                        |                         |         |                                                   |
| 4                                                   | 550                                        | 152.8 | 264                        | 1480                           | 75                       | 414.12                                       | 710                    | Y2-4502-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 240                        |                                | 82                       | 573.89                                       |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 228                        |                                | 80                       | 670.59                                       |                        |                         |         |                                                   |
| 5                                                   | 550                                        | 152.8 | 330                        | 1480                           | 75                       | 517.65                                       | 900                    | Y2-4504-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 300                        |                                | 82                       | 717.36                                       |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 285                        |                                | 80                       | 838.24                                       |                        |                         |         |                                                   |
| 6                                                   | 550                                        | 152.8 | 396                        | 1480                           | 75                       | 621.18                                       | 1120                   | Y2-5002-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 360                        |                                | 82                       | 860.83                                       |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 342                        |                                | 80                       | 1005.88                                      |                        |                         |         |                                                   |
| 7                                                   | 550                                        | 152.8 | 462                        | 1480                           | 75                       | 724.71                                       | 1250                   | Y2-5003-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 420                        |                                | 82                       | 1004.3                                       |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 399                        |                                | 80                       | 1173.53                                      |                        |                         |         |                                                   |
| 8                                                   | 550                                        | 152.8 | 528                        | 1480                           | 75                       | 828.24                                       | 1400                   | Y2-5004-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 480                        |                                | 82                       | 1147.78                                      |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 456                        |                                | 80                       | 1341.18                                      |                        |                         |         |                                                   |
| 9                                                   | 550                                        | 152.8 | 594                        | 1480                           | 75                       | 931.76                                       | 1600                   | Y2-5601-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 540                        |                                | 82                       | 1291.25                                      |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 513                        |                                | 80                       | 1508.82                                      |                        |                         |         |                                                   |
| 10                                                  | 550                                        | 152.8 | 660                        | 1480                           | 75                       | 1035.29                                      | 1800                   | Y2-5602-4<br>(IP23/6KV) | 7.0     | φ 450                                             |
|                                                     | 720                                        | 200.0 | 600                        |                                | 82                       | 1434.72                                      |                        |                         |         |                                                   |
|                                                     | 850                                        | 236.1 | 570                        |                                | 80                       | 1676.47                                      |                        |                         |         |                                                   |

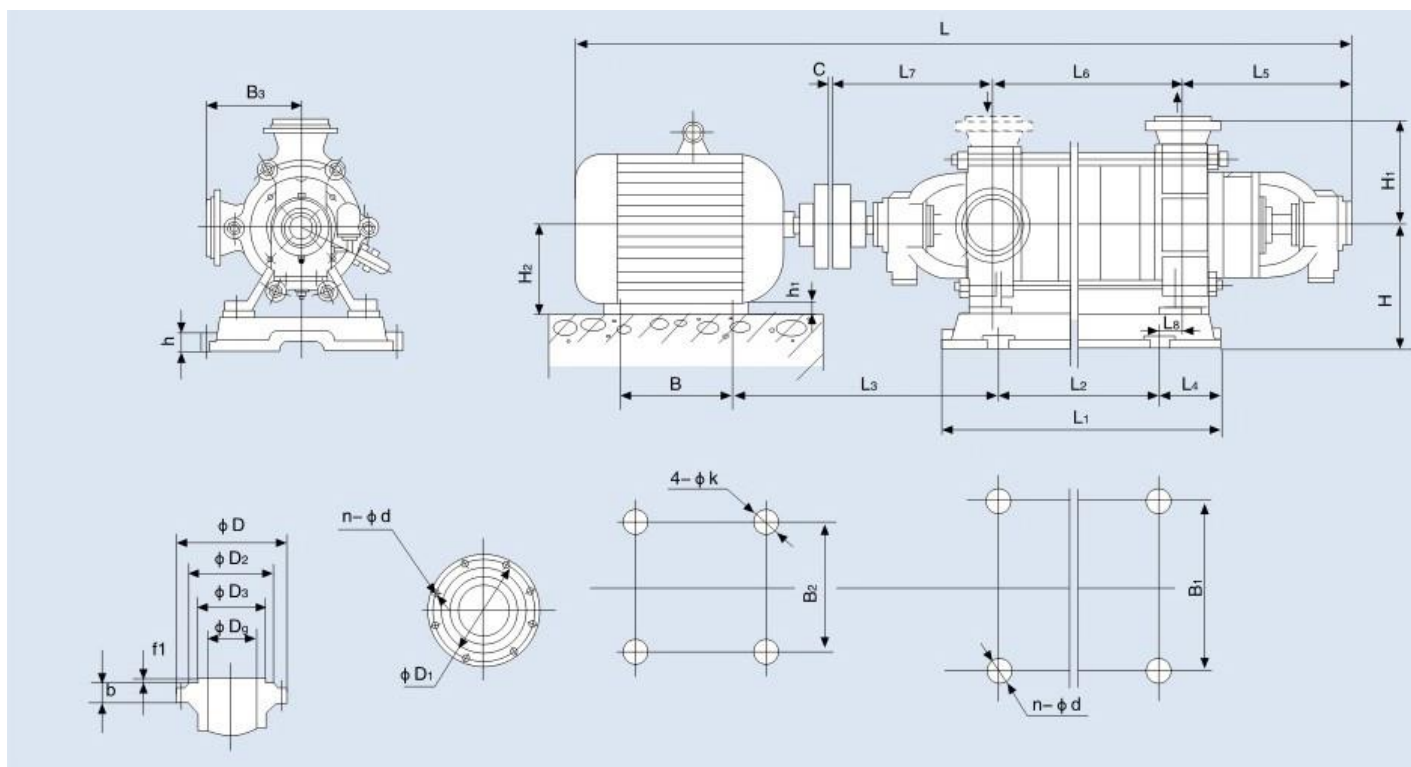
Q-H (кПа/м) – давление создаваемое одной ступенью насоса

## Приложение Б

## Габаритно-присоединительные размеры



Установка на общей раме



Раздельный монтаж (на раздельной раме)

**СМВ 6-25 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1047 | 855            | /              | 575            | 145            | 240            | 130            | 275            | 85             | 2 | 350            | 350            | 170            | 275 | 170            | 100            | 30 | 4-φ 24 |
| 3           | 1192 | 965            | /              | 645            | 190            | 240            | 180            | 275            | 55             | 2 | 370            | 370            | 170            | 275 | 170            | 132            | 30 | 4-φ 24 |
| 4           | 1242 | 965            | /              | 645            | 190            | 240            | 230            | 275            | 105            | 2 | 370            | 370            | 170            | 275 | 170            | 132            | 30 | 4-φ 24 |
| 5           | 1292 | 965            | /              | 645            | 190            | 240            | 280            | 275            | 155            | 2 | 370            | 370            | 170            | 275 | 170            | 132            | 30 | 4-φ 24 |
| 6           | 1478 | 1215           | /              | 820            | 230            | 240            | 330            | 275            | 105            | 2 | 360            | 430            | 170            | 260 | 170            | 160            | 30 | 4-φ 24 |
| 7           | 1528 | 1215           | /              | 820            | 230            | 240            | 380            | 275            | 155            | 2 | 360            | 430            | 170            | 260 | 170            | 160            | 30 | 4-φ 24 |
| 8           | 1578 | 1430           | /              | 920            | 300            | 240            | 430            | 275            | 170            | 2 | 410            | 480            | 170            | 270 | 170            | 160            | 35 | 4-φ 24 |
| 9           | 1628 | 1430           | /              | 920            | 300            | 240            | 480            | 275            | 170            | 2 | 410            | 480            | 170            | 270 | 170            | 160            | 35 | 4-φ 24 |
| 10          | 1723 | 1500           | /              | 990            | 350            | 240            | 530            | 275            | 170            | 2 | 365            | 460            | 170            | 280 | 170            | 160            | 40 | 4-φ 24 |
| 11          | 1773 | 1500           | /              | 990            | 350            | 240            | 580            | 275            | 220            | 2 | 365            | 460            | 170            | 280 | 170            | 160            | 40 | 4-φ 24 |
| 12          | 1823 | 1500           | /              | 990            | 350            | 240            | 630            | 275            | 270            | 2 | 365            | 460            | 170            | 280 | 170            | 160            | 40 | 4-φ 24 |

**СМВ 12-25 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1067 | 965            | /              | 645            | 190            | 240            | 130            | 275            | -5             | 2 | 370            | 370            | 170            | 250 | 170            | 132            | 30 | 4-φ 24 |
| 3           | 1192 | 965            | /              | 645            | 190            | 240            | 180            | 275            | 55             | 2 | 370            | 370            | 170            | 250 | 170            | 132            | 30 | 4-φ 24 |
| 4           | 1378 | 1120           | /              | 745            | 205            | 240            | 230            | 275            | 75             | 2 | 360            | 440            | 170            | 255 | 170            | 160            | 35 | 4-φ 24 |
| 5           | 1428 | 1120           | /              | 745            | 205            | 240            | 280            | 275            | 125            | 2 | 360            | 440            | 170            | 255 | 170            | 160            | 35 | 4-φ 24 |
| 6           | 1478 | 1215           | /              | 820            | 230            | 240            | 330            | 275            | 105            | 2 | 360            | 430            | 170            | 255 | 170            | 160            | 30 | 4-φ 24 |
| 7           | 1528 | 1215           | /              | 820            | 230            | 240            | 380            | 275            | 155            | 2 | 360            | 430            | 170            | 255 | 170            | 160            | 30 | 4-φ 24 |
| 8           | 1623 | 1430           | /              | 920            | 300            | 240            | 430            | 275            | 170            | 2 | 410            | 480            | 170            | 270 | 170            | 160            | 35 | 4-φ 24 |
| 9           | 1673 | 1430           | /              | 920            | 300            | 240            | 480            | 275            | 170            | 2 | 410            | 480            | 170            | 270 | 170            | 160            | 35 | 4-φ 24 |
| 10          | 1743 | 1490           | /              | 975            | 355            | 240            | 530            | 275            | 185            | 2 | 365            | 470            | 170            | 280 | 170            | 180            | 30 | 4-φ 24 |
| 11          | 1793 | 1490           | /              | 975            | 355            | 240            | 580            | 275            | 235            | 2 | 365            | 470            | 170            | 280 | 170            | 180            | 30 | 4-φ 24 |
| 12          | 1952 | 1640           | /              | 965            | 445            | 240            | 630            | 275            | 365            | 2 | 350            | 500            | 170            | 350 | 170            | 200            | 45 | 4-φ 24 |

**СМВ 12-50 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1412 | 1230           | /              | 845            | 210            | 284            | 160            | 345            | 15             | 5 | 460            | 460            | 215            | 260 | 215            | 160            | 30 | 4-φ 24 |
| 3           | 1517 | 1230           | /              | 845            | 210            | 284            | 220            | 345            | 75             | 5 | 460            | 460            | 215            | 260 | 215            | 160            | 30 | 4-φ 24 |
| 4           | 1597 | 1310           | /              | 880            | 240            | 284            | 280            | 345            | 130            | 5 | 465            | 465            | 215            | 260 | 215            | 180            | 30 | 4-φ 24 |
| 5           | 1762 | 1650           | /              | 990            | 415            | 284            | 340            | 345            | 120            | 5 | 445            | 510            | 215            | 280 | 215            | 180            | 35 | 4-φ 24 |
| 6           | 1822 | 1650           | /              | 990            | 415            | 284            | 400            | 345            | 185            | 5 | 445            | 510            | 215            | 280 | 215            | 200            | 35 | 4-φ 24 |
| 7           | 1882 | 1650           | /              | 990            | 415            | 284            | 460            | 345            | 245            | 5 | 445            | 510            | 215            | 280 | 215            | 200            | 35 | 4-φ 24 |
| 8           | 1982 | 1750           | /              | 1305           | 220            | 284            | 520            | 345            | -5             | 5 | 470            | 545            | 215            | 215 | 215            | 225            | 35 | 4-φ 24 |
| 9           | 2042 | 1750           | /              | 1305           | 220            | 284            | 580            | 345            | 55             | 5 | 470            | 545            | 215            | 215 | 215            | 225            | 35 | 4-φ 24 |
| 10          | 2204 | 1870           | 500            | 1200           | 420            | 284            | 640            | 345            | 288            | 5 | 460            | 595            | 215            | 330 | 215            | 250            | 35 | 6-φ 30 |
| 11          | 2264 | 1870           | 500            | 1200           | 420            | 284            | 700            | 345            | 348            | 5 | 460            | 595            | 215            | 330 | 215            | 250            | 35 | 6-φ 30 |
| 12          | 2407 | 2000           | 600            | 1300           | 400            | 284            | 760            | 345            | 329            | 5 | 460            | 645            | 215            | 360 | 215            | 280            | 35 | 6-φ 30 |

**СМВ 25-30 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1416 | 1170           | /              | 840            | 190            | 285            | 165            | 345            | 5              | 5 | 480            | 480            | 210            | 260 | 210            | 160            | 35 | 4-φ 24 |
| 3           | 1481 | 1170           | /              | 840            | 190            | 285            | 230            | 345            | 70             | 5 | 480            | 480            | 210            | 260 | 210            | 160            | 35 | 4-φ 24 |
| 4           | 1591 | 1230           | /              | 845            | 210            | 285            | 295            | 345            | 140            | 5 | 460            | 460            | 210            | 260 | 210            | 160            | 35 | 4-φ 24 |
| 5           | 1680 | 1310           | /              | 880            | 240            | 285            | 360            | 345            | 190            | 5 | 465            | 465            | 210            | 260 | 210            | 180            | 30 | 4-φ 24 |
| 6           | 1850 | 1440           | /              | 990            | 415            | 285            | 425            | 345            | 155            | 5 | 465            | 510            | 210            | 280 | 210            | 200            | 35 | 4-φ 24 |
| 7           | 1915 | 1650           | /              | 990            | 415            | 285            | 490            | 345            | 215            | 5 | 445            | 510            | 210            | 280 | 210            | 200            | 35 | 4-φ 24 |
| 8           | 1980 | 1650           | /              | 990            | 415            | 285            | 555            | 345            | 275            | 5 | 445            | 510            | 210            | 280 | 210            | 200            | 35 | 4-φ 24 |
| 9           | 2045 | 1650           | /              | 990            | 415            | 285            | 620            | 345            | 335            | 5 | 445            | 510            | 210            | 280 | 210            | 200            | 35 | 4-φ 24 |
| 10          | 2150 | 1750           | /              | 1305           | 220            | 285            | 685            | 345            | 155            | 5 | 470            | 545            | 210            | 315 | 210            | 225            | 35 | 4-φ 24 |

**СМВ 25-50 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 3           | 1637 | 1240           | /              | 665            | 280            | 355            | 250            | 345            | 175            | 2 | 500            | 500            | 300            | 360 | 270            | 180            | 40 | 4-φ 24 |
| 4           | 1802 | 1430           | /              | 900            | 250            | 355            | 310            | 345            | 100            | 2 | 520            | 520            | 300            | 320 | 270            | 200            | 45 | 4-φ 24 |
| 5           | 1862 | 1430           | /              | 900            | 250            | 355            | 370            | 345            | 160            | 2 | 520            | 520            | 300            | 320 | 270            | 200            | 45 | 4-φ 24 |
| 6           | 1962 | 1560           | 530            | 1060           | 235            | 355            | 430            | 345            | 165            | 2 | 560            | 560            | 300            | 365 | 270            | 225            | 40 | 6-φ 24 |
| 7           | 2137 | 1740           | 555            | 1120           | 360            | 355            | 490            | 345            | 125            | 2 | 530            | 600            | 300            | 350 | 270            | 250            | 40 | 6-φ 24 |
| 8           | 2267 | 2040           | 725            | 1470           | 380            | 355            | 550            | 345            | 120            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 9           | 2327 | 2040           | 725            | 1470           | 380            | 355            | 610            | 345            | 110            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 10          | 2387 | 2040           | 725            | 1470           | 380            | 355            | 670            | 345            | 170            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 11          | 2497 | 2040           | 725            | 1470           | 380            | 355            | 730            | 345            | 230            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 12          | 2753 | 2200           | 745            | 1490           | 370            | 355            | 790            | 345            | 270            | 2 | 510            | 730            | 300            | 440 | 270            | 315            | 50 | 6-φ 24 |

**СМВ 46-30 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1416 | 1170           | /              | 840            | 190            | 280            | 165            | 345            | 5              | 5 | 485            | 485            | 210            | 260 | 210            | 160            | 40 | 4-φ 24 |
| 3           | 1546 | 1170           | /              | 840            | 140            | 280            | 230            | 345            | 130            | 5 | 465            | 485            | 210            | 260 | 210            | 180            | 40 | 4-φ 24 |
| 4           | 1720 | 1440           | /              | 930            | 310            | 280            | 295            | 345            | 140            | 5 | 465            | 510            | 210            | 280 | 210            | 200            | 30 | 4-φ 24 |
| 5           | 1785 | 1400           | /              | 930            | 310            | 280            | 360            | 345            | 190            | 5 | 465            | 510            | 210            | 280 | 210            | 200            | 30 | 4-φ 24 |
| 6           | 1855 | 1440           | /              | 930            | 310            | 280            | 425            | 345            | 210            | 5 | 465            | 510            | 210            | 280 | 210            | 200            | 30 | 4-φ 24 |
| 7           | 1955 | 1560           | /              | 110            | 230            | 280            | 490            | 345            | 150            | 5 | 460            | 540            | 210            | 315 | 210            | 225            | 35 | 4-φ 24 |
| 8           | 2135 | 1750           | /              | 1120           | 390            | 280            | 555            | 345            | 260            | 5 | 480            | 610            | 210            | 330 | 210            | 250            | 30 | 4-φ 24 |
| 9           | 2200 | 1750           | /              | 1120           | 390            | 280            | 620            | 345            | 325            | 5 | 480            | 610            | 210            | 330 | 210            | 250            | 30 | 4-φ 24 |
| 10          | 2335 | 1910           | /              | 1240           | 410            | 280            | 685            | 345            | 340            | 5 | 470            | 660            | 210            | 360 | 210            | 280            | 30 | 4-φ 24 |

**CMB 46-50 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1682 | 1430           | /              | 900            | 250            | 355            | 190            | 345            | -15            | 2 | 520            | 520            | 300            | 320 | 270            | 200            | 45 | 4-φ 24 |
| 3           | 1742 | 1430           | /              | 900            | 250            | 355            | 250            | 345            | 45             | 2 | 520            | 520            | 300            | 320 | 270            | 200            | 45 | 4-φ 24 |
| 4           | 1842 | 1560           | 530            | 1060           | 235            | 355            | 310            | 345            | 0              | 2 | 560            | 560            | 300            | 365 | 270            | 225            | 40 | 6-φ 24 |
| 5           | 2017 | 1740           | 555            | 1115           | 360            | 355            | 370            | 345            | 100            | 2 | 530            | 600            | 300            | 350 | 270            | 250            | 40 | 6-φ 24 |
| 6           | 2147 | 2040           | 725            | 1470           | 380            | 355            | 430            | 345            | -30            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 7           | 2257 | 2040           | 725            | 1470           | 380            | 355            | 490            | 345            | 60             | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 8           | 2317 | 2040           | 725            | 1470           | 380            | 355            | 550            | 345            | 120            | 2 | 500            | 720            | 300            | 430 | 270            | 280            | 40 | 6-φ 24 |
| 9           | 2573 | 2200           | 745            | 1490           | 370            | 355            | 610            | 345            | 110            | 2 | 510            | 730            | 300            | 440 | 270            | 315            | 50 | 6-φ 24 |
| 10          | 2703 | 2200           | 745            | 1490           | 370            | 355            | 670            | 345            | 170            | 2 | 510            | 730            | 300            | 440 | 270            | 315            | 50 | 6-φ 24 |
| 11          | 2763 | 2200           | 745            | 1490           | 370            | 355            | 730            | 345            | 230            | 2 | 510            | 730            | 300            | 440 | 270            | 315            | 50 | 6-φ 24 |
| 12          | 2823 | 2200           | 745            | 1490           | 370            | 355            | 790            | 345            | 270            | 2 | 510            | 730            | 300            | 440 | 270            | 315            | 50 | 6-φ 24 |

**CMB 85-45 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|--------|
| 2           | 1641 | 1250           | /              | 840            | 200            | 304            | 203            | 340            | 110            | 4 | 520            | 520            | 250            | 325 | 250            | 200            | 30 | 4-φ 24 |
| 3           | 1870 | 1520           | /              | 1040           | 230            | 304            | 277            | 340            | 130            | 4 | 530            | 635            | 250            | 360 | 250            | 250            | 40 | 4-φ 24 |
| 4           | 2014 | 1690           | 560            | 1120           | 310            | 304            | 351            | 340            | 145            | 4 | 520            | 670            | 250            | 385 | 250            | 280            | 35 | 6-φ 24 |
| 5           | 2137 | 1690           | 560            | 1120           | 310            | 304            | 425            | 340            | 205            | 4 | 520            | 670            | 250            | 385 | 250            | 280            | 35 | 6-φ 24 |

**CMB 85-45 на раздельной раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B   | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|-----|----------------|----------------|----------------|-----|----------------|----------------|----|--------|-------|
| 4           | 2014 | 600            | 330            | 707            | 135            | 304            | 351            | 340            | 3              | 4 | 368 | 520            | 460            | 250            | 345 | 250            | 280            | 40 | 4-φ 24 | φ 24  |
| 5           | 2137 | 750            | 380            | 694            | 190            | 304            | 425            | 340            | 40             | 4 | 419 | 540            | 535            | 250            | 345 | 250            | 280            | 40 | 4-φ 24 | φ 24  |
| 6           | 2408 | 750            | 380            | 785            | 190            | 304            | 499            | 340            | 53             | 4 | 406 | 540            | 535            | 250            | 345 | 250            | 315            | 40 | 4-φ 24 | φ 28  |
| 7           | 2552 | 750            | 380            | 821            | 190            | 304            | 573            | 340            | 90             | 4 | 457 | 540            | 535            | 250            | 345 | 250            | 315            | 40 | 4-φ 24 | φ 28  |
| 8           | 2626 | 900            | 525            | 779            | 190            | 304            | 647            | 340            | 61             | 4 | 457 | 520            | 510            | 250            | 345 | 250            | 315            | 40 | 4-φ 26 | φ 28  |
| 9           | 2700 | 900            | 525            | 816            | 190            | 304            | 721            | 340            | 98             | 4 | 457 | 520            | 510            | 250            | 345 | 250            | 315            | 40 | 4-φ 26 | φ 28  |

**СМВ 85-67 на раздельной раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B   | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|-----|----------------|----------------|----------------|-----|----------------|----------------|----|--------|-------|
| 3           | 2465 | 765            | 400            | 880.5          | 182            | 479            | 371            | 559            | -14            | 4 | 419 | 600            | 457            | 350            | 420 | 350            | 280            | 50 | 4-φ 30 | φ 24  |
| 4           | 2743 | 765            | 400            | 950.5          | 182            | 479            | 459            | 559            | 29.5           | 4 | 406 | 600            | 508            | 350            | 420 | 350            | 315            | 60 | 4-φ 30 | φ 28  |
| 5           | 2901 | 765            | 400            | 994.5          | 182            | 479            | 547            | 559            | 73.5           | 4 | 457 | 600            | 508            | 350            | 420 | 350            | 315            | 60 | 4-φ 30 | φ 28  |
| 6           | 2989 | 945            | 580            | 948.5          | 182            | 479            | 635            | 559            | 27.5           | 4 | 457 | 600            | 508            | 350            | 420 | 350            | 315            | 50 | 4-φ 30 | φ 28  |
| 7           | 3007 | 945            | 580            | 992.5          | 182            | 479            | 723            | 559            | 71.5           | 4 | 457 | 600            | 508            | 350            | 420 | 350            | 315            | 50 | 4-φ 30 | φ 28  |
| 8           | 3395 | 1125           | 760            | 946.5          | 182            | 479            | 811            | 559            | 25.5           | 4 | 560 | 600            | 610            | 350            | 420 | 350            | 355            | 60 | 4-φ 30 | φ 28  |
| 9           | 3483 | 1125           | 760            | 990.5          | 182            | 479            | 899            | 559            | 69.5           | 4 | 560 | 600            | 610            | 350            | 420 | 350            | 355            | 60 | 4-φ 30 | φ 28  |

**СМВ 155-30 на общей раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n– φ d  |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----------------|----------------|----------------|-----|----------------|----------------|----|---------|
| 2           | 1916 | 1980           | 680            | 1350           | 315            | 365            | 310            | 388            | –25            | 4 | 660            | 660            | 350            | 400 | 350            | 225            | 35 | 6– φ 26 |
| 3           | 2186 | 1980           | 680            | 1350           | 315            | 365            | 425            | 388            | 90             | 4 | 660            | 660            | 350            | 400 | 350            | 280            | 35 | 6– φ 26 |
| 4           | 2351 | 1980           | 680            | 1350           | 315            | 365            | 540            | 388            | 210            | 4 | 660            | 660            | 350            | 400 | 350            | 280            | 35 | 6– φ 26 |
| 5           | 2710 | 2400           | 750            | 1500           | 530            | 365            | 655            | 418            | 230            | 4 | 580            | 720            | 350            | 445 | 350            | 315            | 35 | 6– φ 26 |
| 6           | 2897 | 2400           | 750            | 1500           | 530            | 365            | 770            | 418            | 345            | 4 | 580            | 720            | 350            | 445 | 350            | 315            | 35 | 6– φ 26 |
| 7           | 3014 | 2400           | 750            | 1500           | 530            | 365            | 885            | 418            | 460            | 4 | 580            | 720            | 350            | 445 | 350            | 315            | 35 | 6– φ 26 |

**СМВ 155-30 на раздельной раме**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B   | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|-----|----------------|----------------|----------------|-----|----------------|----------------|----|--------|-------|
| 2           | 1916 | 740            | 450            | 605            | 140            | 365            | 310            | 388            | -70            | 4 | 311 | 600            | 356            | 350            | 400 | 350            | 225            | 50 | 4-φ 30 | φ 24  |
| 3           | 2186 | 740            | 450            | 746            | 140            | 365            | 425            | 388            | -12.5          | 4 | 368 | 600            | 457            | 350            | 400 | 350            | 280            | 50 | 4-φ 30 | φ 24  |
| 4           | 2351 | 740            | 450            | 804            | 140            | 365            | 540            | 388            | 45             | 4 | 419 | 600            | 457            | 350            | 400 | 350            | 280            | 50 | 4-φ 30 | φ 24  |
| 5           | 2710 | 1060           | 805            | 811            | 140            | 365            | 655            | 418            | 70             | 4 | 406 | 580            | 508            | 350            | 400 | 350            | 315            | 40 | 4-φ 30 | φ 28  |
| 6           | 2897 | 1060           | 805            | 868            | 140            | 365            | 770            | 418            | 12.5           | 4 | 457 | 580            | 508            | 350            | 400 | 350            | 315            | 40 | 4-φ 30 | φ 28  |
| 7           | 3014 | 1060           | 805            | 958            | 140            | 365            | 885            | 418            | -45            | 4 | 457 | 580            | 508            | 350            | 400 | 350            | 315            | 40 | 4-φ 30 | φ 28  |
| 8           | 3130 | 1500           | 1210           | 821            | 145            | 365            | 1000           | 418            | -105           | 4 | 508 | 595            | 508            | 350            | 400 | 350            | 315            | 40 | 4-φ 25 | φ 28  |
| 9           | 3245 | 1500           | 1210           | 878            | 145            | 365            | 1115           | 418            | -47.5          | 4 | 508 | 595            | 508            | 350            | 400 | 350            | 315            | 40 | 4-φ 25 | φ 28  |
| 10          | 3590 | 1500           | 1210           | 903            | 145            | 365            | 1230           | 418            | 10             | 4 | 560 | 595            | 610            | 350            | 400 | 350            | 355            | 40 | 4-φ 25 | φ 28  |

**CMB155-67 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|--------|-------|
| 3           | 2725 | 765            | 400            | 906.5          | 182            | 479            | 371            | 559            | -14            | 4 | 457  | 600            | 508            | 350            | 420 | 350            | 315            | 50 | 4-φ 30 | φ 28  |
| 4           | 2743 | 765            | 400            | 950.5          | 182            | 479            | 45             | 559            | 29.5           | 4 | 457  | 600            | 508            | 350            | 420 | 350            | 315            | 50 | 4-φ 30 | φ 28  |
| 5           | 3131 | 765            | 400            | 995.5          | 182            | 479            | 547            | 559            | 73.5           | 4 | 560  | 600            | 610            | 350            | 420 | 350            | 355            | 50 | 4-φ 30 | φ 28  |
| 6           | 3219 | 945            | 580            | 987.5          | 182            | 479            | 635            | 559            | 27.5           | 4 | 630  | 600            | 610            | 350            | 420 | 350            | 355            | 50 | 4-φ 30 | φ 28  |
| 7           | 3308 | 945            | 580            | 1031           | 182            | 479            | 723            | 559            | 71.5           | 5 | 630  | 600            | 610            | 350            | 420 | 350            | 355            | 50 | 4-φ 30 | φ 28  |
| 8           | 3295 | 1125           | 760            | 985.5          | 182            | 479            | 811            | 559            | 25.5           | 5 | 630  | 600            | 610            | 350            | 420 | 350            | 355            | 50 | 4-φ 30 | φ 28  |
| 9           | 4634 | 1125           | 760            | 1095           | 182            | 479            | 899            | 559            | 69.5           | 5 | 1000 | 600            | 710            | 350            | 420 | 350            | 400            | 50 | 4-φ 30 | φ 32  |

**CMB 280-43 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | h <sub>1</sub> | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|----------------|--------|-------|
| 2           | 2423 | 735            | 435            | 773            | 150            | 384            | 373            | 388            | -52            | 5 | 406  | 700            | 508            | 450            | 480 | 400            | 315            | 50 | 35             | 4-φ 30 | φ 28  |
| 3           | 2623 | 735            | 435            | 838            | 150            | 384            | 503            | 388            | 13             | 5 | 457  | 700            | 508            | 450            | 480 | 400            | 315            | 50 | 35             | 4-φ 30 | φ 28  |
| 4           | 2753 | 735            | 435            | 903            | 150            | 384            | 633            | 388            | 78             | 5 | 508  | 700            | 508            | 450            | 480 | 400            | 315            | 50 | 38             | 4-φ 30 | φ 28  |
| 5           | 3113 | 1125           | 800            | 821.5          | 162.5          | 384            | 763            | 388            | -39.5          | 5 | 560  | 700            | 610            | 450            | 480 | 400            | 355            | 50 | 38             | 4-φ 30 | φ 28  |
| 6           | 3243 | 1125           | 800            | 886.5          | 162.5          | 384            | 893            | 388            | 25.5           | 5 | 630  | 700            | 610            | 450            | 480 | 400            | 355            | 50 | 38             | 4-φ 30 | φ 28  |
| 7           | 3815 | 1125           | 800            | 1072.5         | 162.5          | 384            | 1023           | 420            | 90.5           | 6 | 1000 | 700            | 710            | 450            | 480 | 400            | 400            | 50 | 38             | 4-φ 30 | φ 35  |
| 8           | 3945 | 1385           | 1060           | 1007.5         | 162.5          | 384            | 1153           | 420            | 25.5           | 6 | 1000 | 700            | 710            | 450            | 480 | 400            | 400            | 50 | 38             | 4-φ 30 | φ 35  |
| 9           | 4075 | 1385           | 1060           | 1072.5         | 162.5          | 384            | 1283           | 420            | 90.5           | 6 | 1000 | 700            | 710            | 450            | 480 | 400            | 400            | 50 | 38             | 4-φ 30 | φ 35  |

**CMB 280-65 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | h <sub>1</sub> | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|----------------|--------|-------|
| 3           | 3214 | 690            | 310            | 1243           | 190            | 536            | 475            | 625            | 80             | 6 | 900  | 790            | 630            | 500            | 530 | 500            | 355            | 50 | 35             | 4-φ 40 | φ 28  |
| 4           | 3754 | 820            | 440            | 1263           | 190            | 536            | 605            | 625            | 80             | 6 | 1000 | 790            | 710            | 500            | 530 | 500            | 400            | 50 | 38             | 4-φ 40 | φ 35  |
| 5           | 3884 | 950            | 570            | 1263           | 190            | 536            | 735            | 625            | 80             | 6 | 1000 | 790            | 710            | 500            | 530 | 500            | 400            | 50 | 38             | 4-φ 40 | φ 35  |
| 6           | 4014 | 1080           | 700            | 1284           | 190            | 536            | 865            | 625            | 80             | 7 | 1000 | 790            | 710            | 500            | 530 | 500            | 400            | 50 | 38             | 4-φ 40 | φ 35  |
| 7           | 4345 | 1210           | 830            | 1284           | 190            | 536            | 995            | 625            | 80             | 7 | 1120 | 790            | 800            | 500            | 530 | 500            | 450            | 50 | 38             | 4-φ 40 | φ 35  |
| 8           | 4475 | 1340           | 960            | 1284           | 190            | 536            | 1125           | 625            | 80             | 7 | 1120 | 790            | 800            | 500            | 530 | 500            | 450            | 50 | 38             | 4-φ 40 | φ 35  |
| 9           | 4605 | 1470           | 1090           | 1284           | 190            | 536            | 1255           | 625            | 80             | 7 | 1120 | 790            | 800            | 500            | 530 | 500            | 450            | 50 | 38             | 4-φ 40 | φ 35  |
| 10          | 5105 | 1600           | 1220           | 1444           | 190            | 536            | 1385           | 625            | 80             | 7 | 1120 | 790            | 800            | 500            | 530 | 500            | 450            | 50 | 38             | 4-φ 40 | φ 35  |

**CMB 360-40 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | h <sub>1</sub> | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|----------------|--------|-------|
| 2           | 2539 | 505            | 200            | 927            | 150            | 384            | 390            | 417            | 73             | 6 | 457  | 700            | 508            | 450            | 450 | 400            | 315            | 50 | 38             | 4-φ 40 | φ 28  |
| 3           | 2909 | 645            | 340            | 965            | 150            | 384            | 530            | 417            | 73             | 6 | 560  | 700            | 610            | 450            | 450 | 400            | 355            | 50 | 38             | 4-φ 40 | φ 28  |
| 4           | 3049 | 785            | 480            | 965            | 150            | 384            | 670            | 417            | 73             | 6 | 560  | 700            | 610            | 450            | 450 | 400            | 355            | 50 | 38             | 4-φ 40 | φ 28  |
| 5           | 3189 | 925            | 620            | 965            | 150            | 384            | 810            | 417            | 73             | 6 | 630  | 700            | 610            | 450            | 450 | 400            | 355            | 50 | 40             | 4-φ 40 | φ 28  |
| 6           | 3731 | 1065           | 760            | 1087           | 150            | 384            | 950            | 417            | 73             | 6 | 1000 | 700            | 710            | 450            | 450 | 400            | 400            | 50 | 40             | 4-φ 40 | φ 35  |
| 7           | 3871 | 1205           | 900            | 1087           | 150            | 384            | 1090           | 417            | 73             | 6 | 1000 | 700            | 710            | 450            | 450 | 400            | 400            | 50 | 40             | 4-φ 40 | φ 35  |
| 8           | 4011 | 1345           | 1040           | 1087           | 150            | 384            | 1230           | 417            | 73             | 6 | 1000 | 700            | 710            | 450            | 450 | 400            | 400            | 50 | 40             | 4-φ 40 | φ 35  |
| 9           | 4151 | 1485           | 1180           | 1087           | 150            | 384            | 1370           | 417            | 73             | 6 | 100  | 700            | 710            | 450            | 450 | 400            | 400            | 50 | 40             | 4-φ 40 | φ 35  |
| 10          | 4291 | 1626           | 1320           | 1107           | 150            | 384            | 1510           | 417            | 73             | 6 | 1120 | 700            | 800            | 450            | 450 | 400            | 450            | 50 | 40             | 4-φ 40 | φ 35  |

**CMB 450-60 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | h <sub>1</sub> | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|----------------|--------|-------|
| 3           | 3281 | 725            | 390            | 1243           | 170            | 537            | 574            | 591            | 11.5           | 7 | 1000 | 850            | 710            | 500            | 560 | 550            | 355            | 45 | 35             | 4-φ 42 | φ 35  |
| 4           | 3844 | 860            | 541            | 1243           | 160            | 537            | 727            | 591            | 11.5           | 7 | 1000 | 850            | 710            | 500            | 560 | 550            | 400            | 45 | 38             | 4-φ 42 | φ 35  |
| 5           | 4197 | 1070           | 694            | 1263           | 190            | 537            | 880            | 591            | 11.5           | 7 | 1120 | 850            | 800            | 500            | 560 | 550            | 450            | 45 | 38             | 4-φ 42 | φ 35  |
| 6           | 4350 | 1230           | 847            | 1263           | 190            | 537            | 1033           | 591            | 11.5           | 7 | 1120 | 850            | 800            | 500            | 560 | 550            | 450            | 45 | 38             | 4-φ 42 | φ 35  |
| 7           | 4503 | 1380           | 1000           | 1263           | 190            | 537            | 1186           | 591            | 11.5           | 7 | 1120 | 850            | 800            | 500            | 560 | 550            | 450            | 45 | 38             | 4-φ 42 | φ 35  |
| 8           | 4656 | 1535           | 1153           | 1263           | 190            | 537            | 1339           | 591            | 11.5           | 7 | 1120 | 850            | 800            | 500            | 560 | 550            | 450            | 45 | 38             | 4-φ 42 | φ 35  |
| 9           | 5179 | 1685           | 1306           | 1423           | 190            | 537            | 1492           | 591            | 11.5           | 7 | 1250 | 850            | 900            | 500            | 560 | 550            | 500            | 45 | 38             | 4-φ 42 | φ 42  |
| 10          | 5331 | 1840           | 1459           | 1423           | 190            | 537            | 1645           | 591            | 11.5           | 7 | 1250 | 850            | 900            | 500            | 560 | 550            | 500            | 45 | 38             | 4-φ 42 | φ 42  |

**CMB 720-60 раздельная рама**

| Число колес | L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | L <sub>6</sub> | L <sub>7</sub> | L <sub>8</sub> | C | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | H   | H <sub>1</sub> | H <sub>2</sub> | h  | h <sub>1</sub> | n-φ d  | 4-φ K |
|-------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|----------------|----------------|----------------|-----|----------------|----------------|----|----------------|--------|-------|
| 2           | 3655 | 712            | 412            | 1226           | 150            | 618.5          | 518.5          | 607            | 39.5           | 7 | 1000 | 970            | 710            | 620            | 700 | 629            | 400            | 50 | 40             | 4-φ 35 | φ 35  |
| 3           | 3840 | 897            | 597            | 1226           | 150            | 618.5          | 703.5          | 607            | 39.5           | 7 | 1000 | 970            | 710            | 620            | 700 | 629            | 400            | 50 | 40             | 4-φ 35 | φ 35  |
| 4           | 4275 | 1082           | 782            | 1246           | 150            | 618.5          | 888.5          | 607            | 39.5           | 7 | 1120 | 970            | 800            | 620            | 700 | 629            | 450            | 50 | 40             | 4-φ 35 | φ 35  |
| 5           | 4460 | 1267           | 967            | 1246           | 150            | 618.5          | 1073.5         | 607            | 39.5           | 7 | 1120 | 970            | 800            | 620            | 700 | 629            | 450            | 50 | 40             | 4-φ 35 | φ 35  |
| 6           | 4915 | 1452           | 1152           | 1406           | 150            | 618.5          | 1258.5         | 607            | 39.5           | 7 | 1250 | 970            | 900            | 620            | 700 | 629            | 500            | 50 | 40             | 4-φ 35 | φ 42  |
| 7           | 5100 | 1637           | 1337           | 1406           | 150            | 618.5          | 1443.5         | 607            | 39.5           | 7 | 1250 | 970            | 900            | 620            | 700 | 629            | 500            | 50 | 40             | 4-φ 35 | φ 42  |
| 8           | 5285 | 1822           | 1522           | 1406           | 150            | 618.5          | 1628.5         | 607            | 39.5           | 7 | 1250 | 970            | 900            | 620            | 700 | 629            | 500            | 50 | 40             | 4-φ 35 | φ 42  |

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