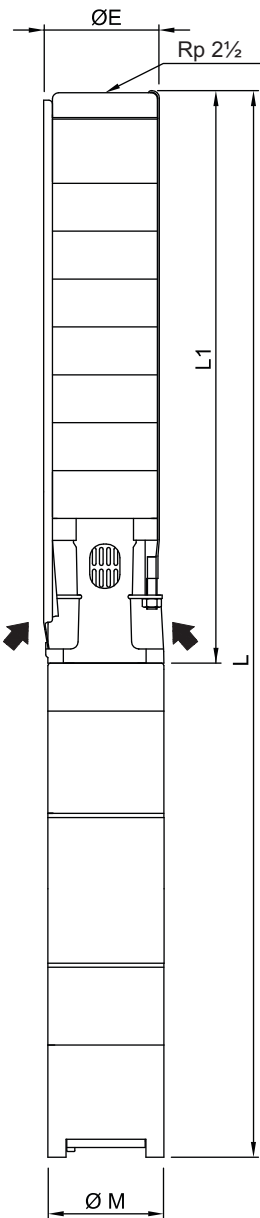


# Technical Data

## Radial Flow 6" Electric Submersible Pump

# J20

6 INCH



### Performance Chart

| Pump Type | Motor Type |              | H.P.  | KW    | Q<br>M <sup>3</sup> /h<br><br>l/min | n = 2900 rpm |      |      |      |      |      |      |
|-----------|------------|--------------|-------|-------|-------------------------------------|--------------|------|------|------|------|------|------|
|           | Oil filled | Water filled |       |       |                                     | 0            | 12.0 | 18.0 | 20.4 | 22.8 | 26.4 | 29.0 |
|           |            |              |       |       |                                     |              |      |      |      |      |      |      |
| J20/04    | H4540      | L4540        | 4.00  | 3.00  | H<br>mts.                           | 43           | 38   | 34   | 32   | 28   | 21   | 14   |
| J20/05    | H4555      | L4555        | 5.50  | 4.00  |                                     | 54           | 48   | 43   | 40   | 35   | 26   | 18   |
| J20/06    | H4555      | L4555        | 5.50  | 4.00  |                                     | 65           | 57   | 51   | 48   | 42   | 32   | 21   |
| J20/07    | H4575      | L4575        | 7.50  | 5.50  |                                     | 75           | 67   | 60   | 56   | 49   | 37   | 25   |
| J20/08    | H4575      | L4575        | 7.50  | 5.50  |                                     | 86           | 76   | 68   | 64   | 56   | 42   | 28   |
| J20/09    | H45100     | L6510-KP     | 10.00 | 7.50  |                                     | 97           | 86   | 77   | 72   | 63   | 47   | 32   |
| J20/10    | H45100     | L6510-KP     | 10.00 | 7.50  |                                     | 108          | 95   | 85   | 80   | 70   | 53   | 35   |
| J20/11    | -          | L6512-KP     | 12.50 | 9.30  |                                     | 118          | 105  | 94   | 88   | 77   | 58   | 39   |
| J20/12    | -          | L6512-KP     | 12.50 | 9.30  |                                     | 129          | 114  | 102  | 96   | 84   | 63   | 42   |
| J20/13    | -          | L6512-KP     | 12.50 | 9.30  |                                     | 140          | 124  | 111  | 104  | 91   | 68   | 46   |
| J20/14    | -          | L6515-KP     | 15.00 | 11.00 |                                     | 151          | 133  | 119  | 112  | 98   | 74   | 49   |
| J20/15    | -          | L6515-KP     | 15.00 | 11.00 |                                     | 161          | 143  | 128  | 120  | 105  | 79   | 53   |
| J20/16    | -          | L6517-KP     | 17.50 | 13.00 |                                     | 172          | 152  | 136  | 128  | 112  | 84   | 56   |
| J20/17    | -          | L6517-KP     | 17.50 | 13.00 |                                     | 183          | 162  | 145  | 136  | 119  | 89   | 60   |
| J20/18    | -          | L6517-KP     | 17.50 | 13.00 |                                     | 194          | 171  | 153  | 144  | 126  | 95   | 63   |
| J20/19    | -          | L6520-KP     | 20.00 | 15.00 |                                     | 204          | 181  | 162  | 152  | 133  | 100  | 67   |
| J20/20    | -          | L6520-KP     | 20.00 | 15.00 |                                     | 215          | 190  | 170  | 160  | 140  | 105  | 70   |
| J20/21    | -          | L6525-KP     | 25.00 | 18.50 |                                     | 226          | 200  | 179  | 168  | 147  | 110  | 74   |
| J20/22    | -          | L6525-KP     | 25.00 | 18.50 |                                     | 237          | 209  | 187  | 176  | 154  | 116  | 77   |
| J20/23    | -          | L6525-KP     | 25.00 | 18.50 |                                     | 247          | 219  | 196  | 184  | 161  | 121  | 81   |
| J20/24    | -          | L6525-KP     | 25.00 | 18.50 |                                     | 258          | 228  | 204  | 192  | 168  | 126  | 84   |
| J20/25    | -          | L6525-KP     | 25.00 | 18.50 |                                     | 269          | 238  | 213  | 200  | 175  | 131  | 88   |
| J20/26    | -          | L6530-KP     | 30.00 | 22.00 |                                     | 280          | 247  | 221  | 208  | 182  | 137  | 91   |
| J20/27    | -          | L6530-KP     | 30.00 | 22.00 |                                     | 290          | 257  | 230  | 216  | 189  | 142  | 95   |
| J20/28    | -          | L6530-KP     | 30.00 | 22.00 |                                     | 301          | 266  | 238  | 224  | 196  | 147  | 98   |

### Dimensions & Weights of Pump with Oil filled Motor

| Type<br>Pump + Motor | ØM<br>(mm) | ØE<br>(mm) | Length (mm) |      |      | Packaging Details |            |      |                                |            |        |
|----------------------|------------|------------|-------------|------|------|-------------------|------------|------|--------------------------------|------------|--------|
|                      |            |            | L1          | L    |      | Gross Weight (kg) |            |      | Gross Volume (m <sup>3</sup> ) |            |        |
|                      |            |            |             | 1 ~  | 3 ~  | Pump              | Pump+Motor |      | Pump                           | Pump+Motor |        |
| J20/04 + H4540       | 95         | 142        | 440         | -    | 1012 | 9.8               | -          | 28.3 | 0.0234                         | -          | 0.0343 |
| J20/05 + H4555       | 95         | 142        | 548         | 1270 | 1170 | 11.0              | 32.7       | 32.7 | 0.0234                         | 0.0343     | 0.0374 |
| J20/06 + H4555       | 95         | 142        | 603         | 1325 | 1225 | 11.8              | 33.5       | 33.5 | 0.0234                         | 0.0343     | 0.0374 |
| J20/07 + H4575       | 95         | 142        | 658         | -    | 1370 | 13.1              | -          | 38.8 | 0.0234                         | -          | 0.0374 |
| J20/08 + H4575       | 95         | 142        | 713         | -    | 1425 | 14.1              | -          | 39.8 | 0.0234                         | -          | 0.0374 |
| J20/09 + H45100      | 95         | 142        | 768         | -    | 1580 | 15.4              | -          | 47.0 | 0.0234                         | -          | 0.0374 |
| J20/10 + H45100      | 95         | 142        | 823         | -    | 1635 | 17.0              | -          | 48.6 | 0.0234                         | -          | 0.0374 |

### Dimensions & Weights of Pump with Water filled Motor

| Type<br>Pump + Motor | ØM<br>(mm) | ØE<br>(mm) | Length (mm) |      |      | Packaging Details |            |       |                                |            |        |
|----------------------|------------|------------|-------------|------|------|-------------------|------------|-------|--------------------------------|------------|--------|
|                      |            |            | L1          | L    |      | Gross Weight (kg) |            |       | Gross Volume (m <sup>3</sup> ) |            |        |
|                      |            |            |             | 1 ~  | 3 ~  | Pump              | Pump+Motor |       | Pump                           | Pump+Motor |        |
| J20/04 + L4540       | 95         | 142        | 440         | -    | 1113 | 9.8               | -          | 36.8  | 0.0234                         | -          | 0.0374 |
| J20/05 + L4555       | 95         | 142        | 548         | 1341 | 1271 | 11.0              | 40.3       | 40.3  | 0.0234                         | 0.0343     | 0.0374 |
| J20/06 + L4555       | 95         | 142        | 603         | 1396 | 1326 | 11.8              | 41.1       | 41.1  | 0.0234                         | 0.0343     | 0.0374 |
| J20/07 + L4575       | 95         | 142        | 658         | -    | 1501 | 13.1              | -          | 44.6  | 0.0234                         | -          | 0.0374 |
| J20/08 + L4575       | 95         | 142        | 713         | -    | 1556 | 14.1              | -          | 45.6  | 0.0234                         | -          | 0.0374 |
| J20/09 + L6510-KP    | 142        | 142        | 768         | -    | 1526 | 15.4              | -          | 80.4  | 0.0234                         | -          | 0.0744 |
| J20/10 + L6510-KP    | 142        | 142        | 823         | -    | 1581 | 17.0              | -          | 82.0  | 0.0234                         | -          | 0.0744 |
| J20/11 + L6512-KP    | 142        | 142        | 878         | -    | 1676 | 17.8              | -          | 85.8  | 0.0234                         | -          | 0.0744 |
| J20/12 + L6512-KP    | 142        | 142        | 933         | -    | 1731 | 18.5              | -          | 86.5  | 0.0234                         | -          | 0.0744 |
| J20/13 + L6512-KP    | 142        | 142        | 988         | -    | 1786 | 19.3              | -          | 87.3  | 0.0234                         | -          | 0.0744 |
| J20/14 + L6515-KP    | 142        | 142        | 1043        | -    | 1876 | 20.3              | -          | 93.3  | 0.0234                         | -          | 0.0744 |
| J20/15 + L6515-KP    | 142        | 142        | 1098        | -    | 1931 | 23.2              | -          | 96.2  | 0.0234                         | -          | 0.0744 |
| J20/16 + L6517-KP    | 142        | 142        | 1122        | -    | 1985 | 23.8              | -          | 102.8 | 0.0360                         | -          | 0.0870 |
| J20/17 + L6517-KP    | 142        | 142        | 1140        | -    | 2003 | 24.9              | -          | 103.9 | 0.0360                         | -          | 0.0870 |
| J20/18 + L6517-KP    | 142        | 142        | 1263        | -    | 2126 | 25.8              | -          | 104.8 | 0.0360                         | -          | 0.0870 |
| J20/19 + L6520-KP    | 142        | 142        | 1318        | -    | 2251 | 26.5              | -          | 113.5 | 0.0360                         | -          | 0.0950 |
| J20/20 + L6520-KP    | 142        | 142        | 1373        | -    | 2306 | 27.5              | -          | 114.5 | 0.0360                         | -          | 0.0950 |
| J20/21 + L6525-KP    | 142        | 142        | 1428        | -    | 2421 | 28.6              | -          | 119.6 | 0.0360                         | -          | 0.0950 |
| J20/22 + L6525-KP    | 142        | 142        | 1483        | -    | 2476 | 30.0              | -          | 121.0 | 0.0360                         | -          | 0.0950 |
| J20/23 + L6525-KP    | 142        | 142        | 1538        | -    | 2531 | 31.1              | -          | 122.1 | 0.0360                         | -          | 0.0950 |
| J20/24 + L6525-KP    | 142        | 142        | 1593        | -    | 2586 | 32.1              | -          | 123.1 | 0.0360                         | -          | 0.0950 |
| J20/25 + L6525-KP    | 142        | 142        | 1648        | -    | 2641 | 32.6              | -          | 123.6 | 0.0360                         | -          | 0.0950 |
| J20/26 + L6530-KP    | 142        | 142        | 1703        | -    | 2756 | 33.1              | -          | 134.1 | 0.0360                         | -          | 0.0950 |
| J20/27 + L6530-KP    | 142        | 142        | 1758        | -    | 2811 | 33.7              | -          | 134.7 | 0.0360                         | -          | 0.0950 |
| J20/28 + L6530-KP    | 142        | 142        | 1813        | -    | 2866 | 34.3              | -          | 135.3 | 0.0457                         | -          | 0.1047 |

Rp 2 & Rp 3  
Available on request.

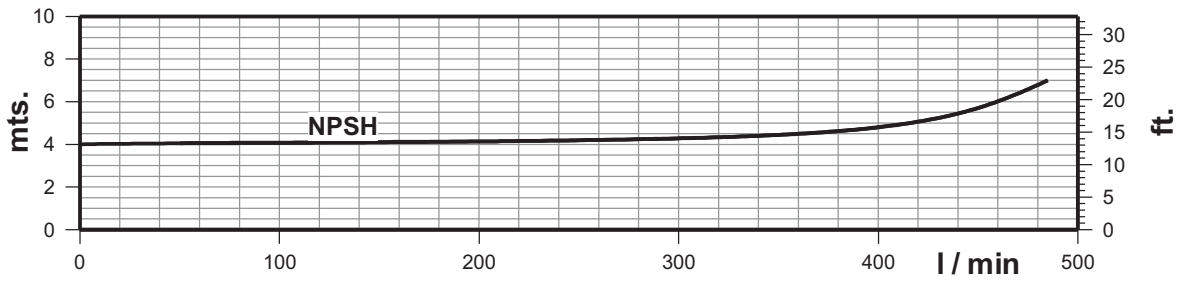
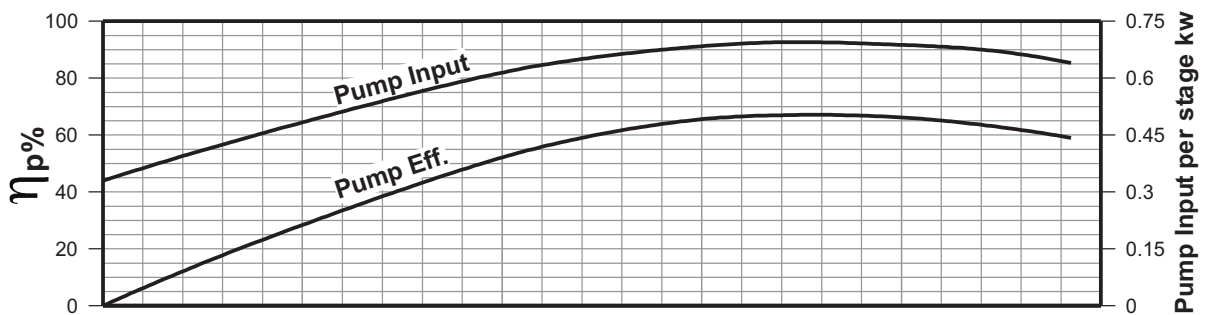
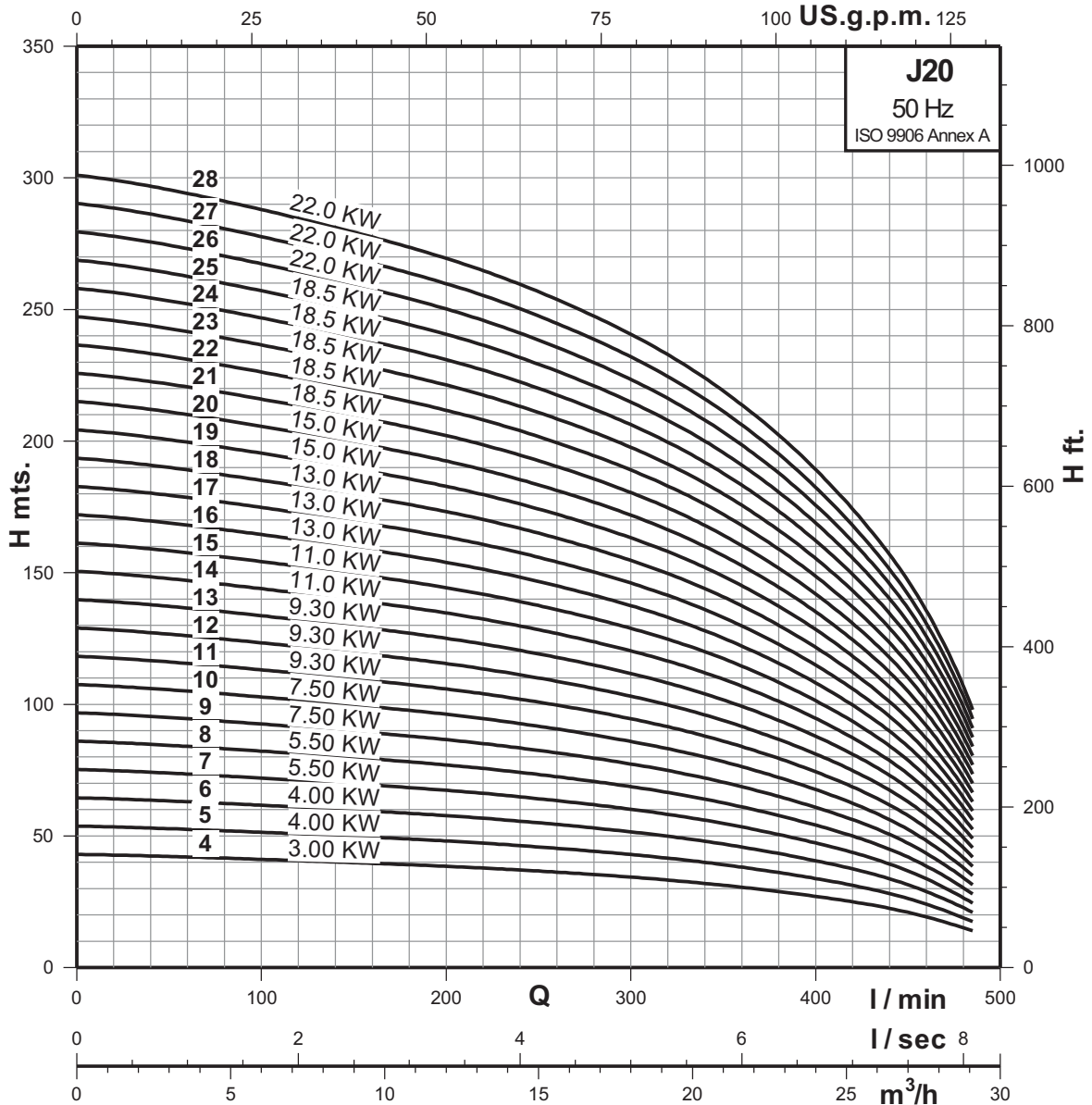
**Note :** ØE = For Single Cable Motor Maximum Diameter of Pump Inclusive of Cable Guard.  
For Two Cable Motor Maximum Diameter of Pump Inclusive of Cable Guard Will Increase by 3mm.  
For 4" Oil Filled and 4" Water Filled 3~ Motor add -T Subscript to Motor type.



# Performance Curves

Radial Flow 6" Electric Submersible Pump

**J20**



**6 INCH**

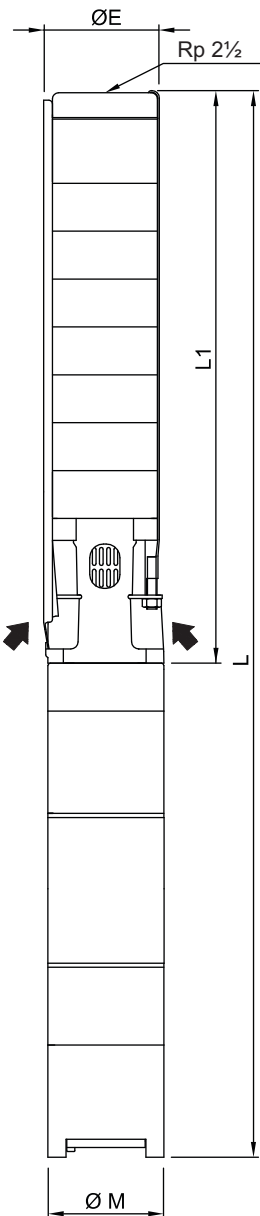


# Technical Data

## Radial Flow 6" Electric Submersible Pump

# J20

6 INCH



### Performance Chart

| Pump Type | Motor Type   | H.P.  | KW    | Q<br>M <sup>3</sup> /h<br>I/min | n = 2900 rpm |      |      |      |      |      |      |
|-----------|--------------|-------|-------|---------------------------------|--------------|------|------|------|------|------|------|
|           |              |       |       |                                 | 0            | 12.0 | 18.0 | 20.4 | 22.8 | 26.4 | 29.0 |
|           | Water filled |       |       |                                 | 0            | 200  | 300  | 340  | 380  | 440  | 485  |
| J20/29    | L6530-KP     | 30.00 | 22.00 | H<br>mts.                       | 312          | 276  | 247  | 232  | 203  | 152  | 102  |
| J20/30    | L6530-KP     | 30.00 | 22.00 |                                 | 323          | 285  | 255  | 240  | 210  | 158  | 105  |
| J20/31    | L6535-KP     | 35.00 | 26.00 |                                 | 333          | 295  | 264  | 248  | 217  | 163  | 109  |
| J20/32    | L6535-KP     | 35.00 | 26.00 |                                 | 344          | 304  | 272  | 256  | 224  | 168  | 112  |
| J20/33    | L6535-KP     | 35.00 | 26.00 |                                 | 355          | 314  | 281  | 264  | 231  | 173  | 116  |
| J20/34    | L6535-KP     | 35.00 | 26.00 |                                 | 366          | 323  | 289  | 272  | 238  | 179  | 119  |
| J20/35    | L6535-KP     | 35.00 | 26.00 |                                 | 376          | 333  | 298  | 280  | 245  | 184  | 123  |
| J20/36    | L6540-KP     | 40.00 | 30.00 |                                 | 387          | 342  | 306  | 288  | 252  | 189  | 126  |
| J20/37    | L6540-KP     | 40.00 | 30.00 |                                 | 398          | 352  | 315  | 296  | 259  | 194  | 130  |
| J20/38    | L6540-KP     | 40.00 | 30.00 |                                 | 409          | 361  | 323  | 304  | 266  | 200  | 133  |
| J20/39    | L6540-KP     | 40.00 | 30.00 |                                 | 419          | 371  | 332  | 312  | 273  | 205  | 137  |
| J20/40    | L6540-KP     | 40.00 | 30.00 |                                 | 430          | 380  | 340  | 320  | 280  | 210  | 140  |
| J20/41    | L6550-KP     | 50.00 | 37.00 |                                 | 441          | 390  | 349  | 328  | 287  | 215  | 144  |
| J20/42    | L6550-KP     | 50.00 | 37.00 |                                 | 452          | 399  | 357  | 336  | 294  | 221  | 147  |
| J20/43    | L6550-KP     | 50.00 | 37.00 |                                 | 462          | 409  | 366  | 344  | 301  | 226  | 151  |
| J20/44    | L6550-KP     | 50.00 | 37.00 |                                 | 473          | 418  | 374  | 352  | 308  | 231  | 154  |

### Dimensions & Weights of Pump with Water filled Motor

| Type<br>Pump + Motor | ØM<br>(mm) | ØE<br>(mm) | Length (mm) |     |      | Packaging Details |            |       |                                |            |        |
|----------------------|------------|------------|-------------|-----|------|-------------------|------------|-------|--------------------------------|------------|--------|
|                      |            |            | L1          | L   |      | Gross Weight (kg) |            |       | Gross Volume (m <sup>3</sup> ) |            |        |
|                      |            |            |             | 1 ~ | 3 ~  | Pump              | Pump+Motor |       | Pump                           | Pump+Motor |        |
|                      |            |            |             |     |      |                   | 1 ~        | 3 ~   |                                | 1 ~        | 3 ~    |
| J20/29 + L6530-KP    | 142        | 142        | 1868        | -   | 2921 | 34.8              | -          | 135.8 | 0.0457                         | -          | 0.1047 |
| J20/30 + L6530-KP    | 142        | 142        | 1923        | -   | 2976 | 53.5              | -          | 154.5 | 0.1406                         | -          | 0.1996 |
| J20/31 + L6535-KP    | 142        | 142        | 1978        | -   | 3111 | 58.0              | -          | 187.0 | 0.1444                         | -          | 0.2784 |
| J20/32 + L6535-KP    | 142        | 142        | 2033        | -   | 3166 | 60.0              | -          | 189.0 | 0.1483                         | -          | 0.2823 |
| J20/33 + L6535-KP    | 142        | 142        | 2088        | -   | 3221 | 62.0              | -          | 191.0 | 0.1521                         | -          | 0.2861 |
| J20/34 + L6535-KP    | 142        | 142        | 2143        | -   | 3276 | 64.0              | -          | 193.0 | 0.1560                         | -          | 0.2900 |
| J20/35 + L6535-KP    | 142        | 142        | 2198        | -   | 3331 | 66.5              | -          | 195.5 | 0.1598                         | -          | 0.2938 |
| J20/36 + L6540-KP    | 142        | 142        | 2253        | -   | 3436 | 68.0              | -          | 200.0 | 0.1666                         | -          | 0.3006 |
| J20/37 + L6540-KP    | 142        | 142        | 2308        | -   | 3491 | 70.0              | -          | 202.0 | 0.1675                         | -          | 0.3015 |
| J20/38 + L6540-KP    | 142        | 175        | 2363        | -   | 3546 | 72.0              | -          | 204.0 | 0.1714                         | -          | 0.3054 |
| J20/39 + L6540-KP    | 142        | 175        | 2418        | -   | 3601 | 74.8              | -          | 206.8 | 0.1752                         | -          | 0.3092 |
| J20/40 + L6540-KP    | 142        | 175        | 2473        | -   | 3656 | 78.0              | -          | 210.0 | 0.1791                         | -          | 0.3131 |
| J20/41 + L6550-KP    | 142        | 175        | 2528        | -   | 3841 | 81.5              | -          | 239.5 | 0.1829                         | -          | 0.3279 |
| J20/42 + L6550-KP    | 142        | 175        | 2583        | -   | 3896 | 85.0              | -          | 243.0 | 0.1868                         | -          | 0.3318 |
| J20/43 + L6550-KP    | 142        | 175        | 2638        | -   | 3951 | 87.0              | -          | 245.0 | 0.1906                         | -          | 0.3356 |
| J20/44 + L6550-KP    | 142        | 175        | 2693        | -   | 4006 | 89.0              | -          | 247.0 | 0.1945                         | -          | 0.3395 |

**Note :** ØE = For Single Cable Motor Maximum Diameter of Pump Inclusive of Cable Guard.  
For Two Cable Motor Maximum Diameter of Pump Inclusive of Cable Guard Will Increase by 3mm.

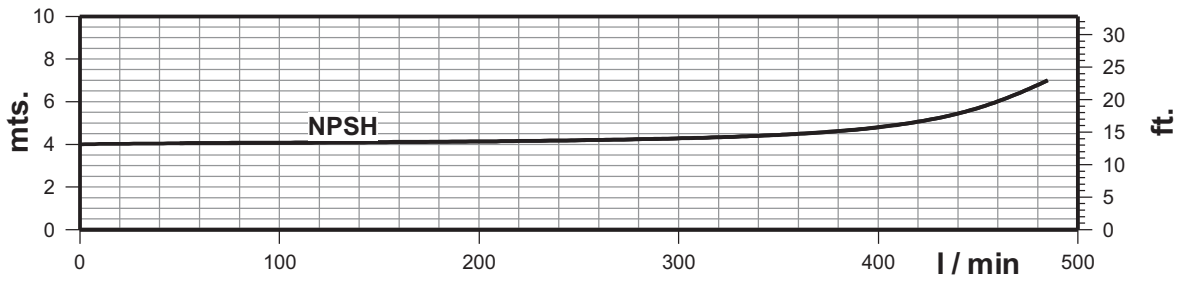
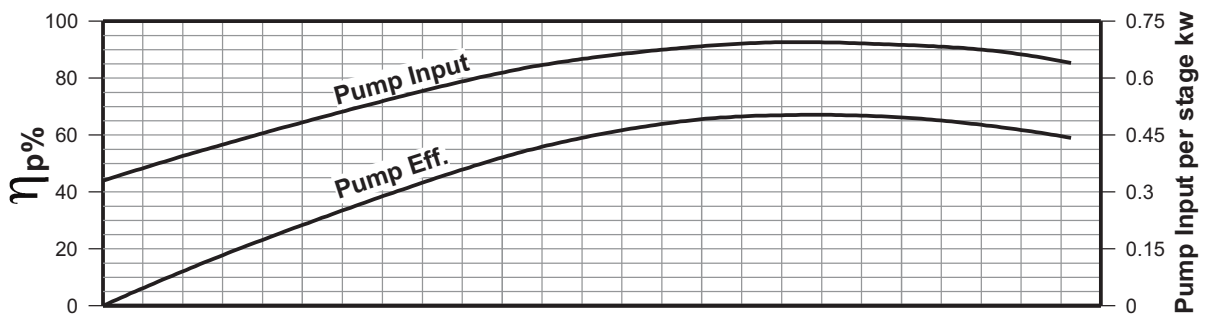
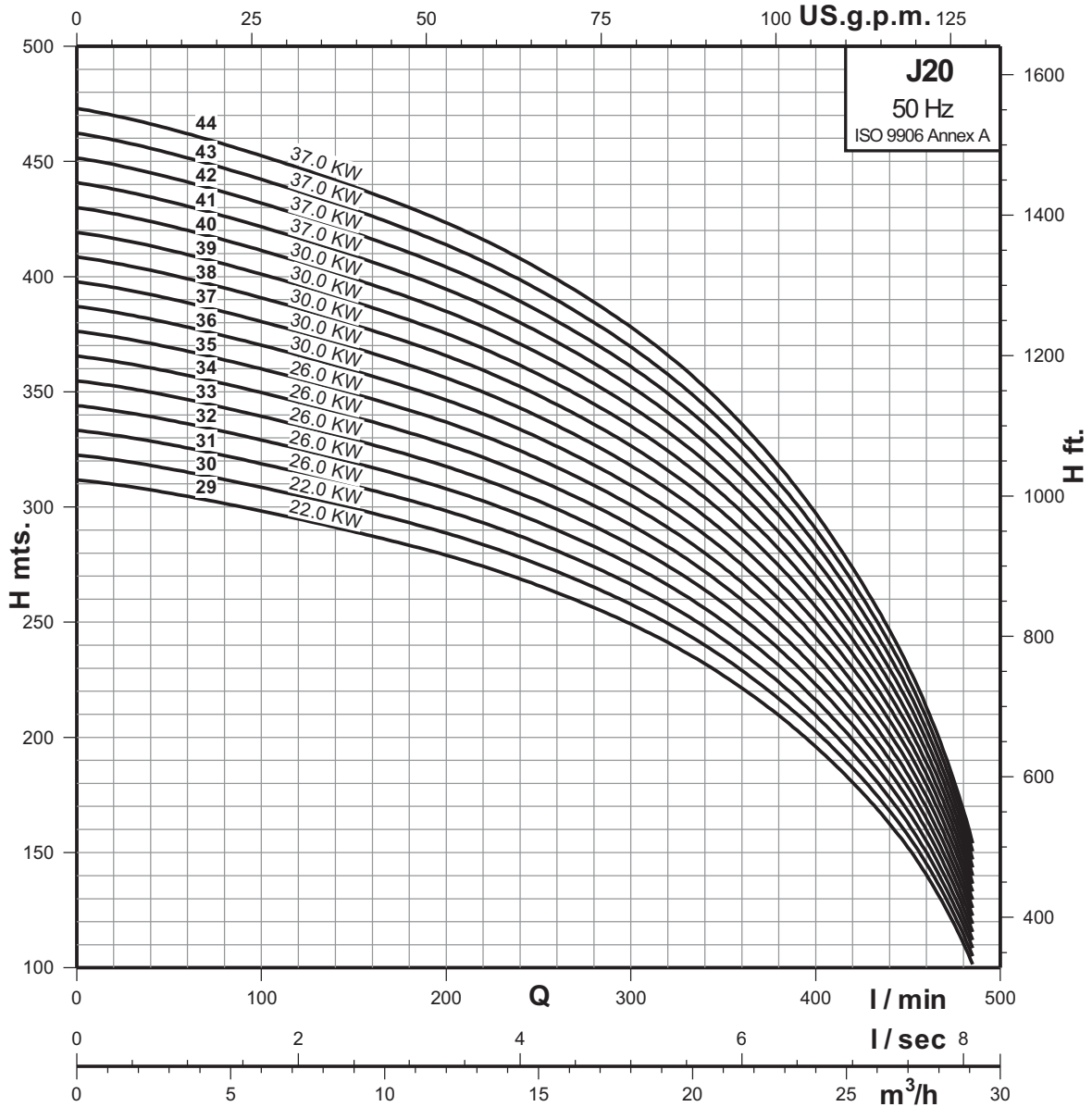
J20/38 to J17/44 are Mounted in Sleeve for R 2 1/2 connection.

Rp 2 & Rp 3 Available on request.

# Performance Curves

Radial Flow 6" Electric Submersible Pump

**J20**



**6 INCH**

