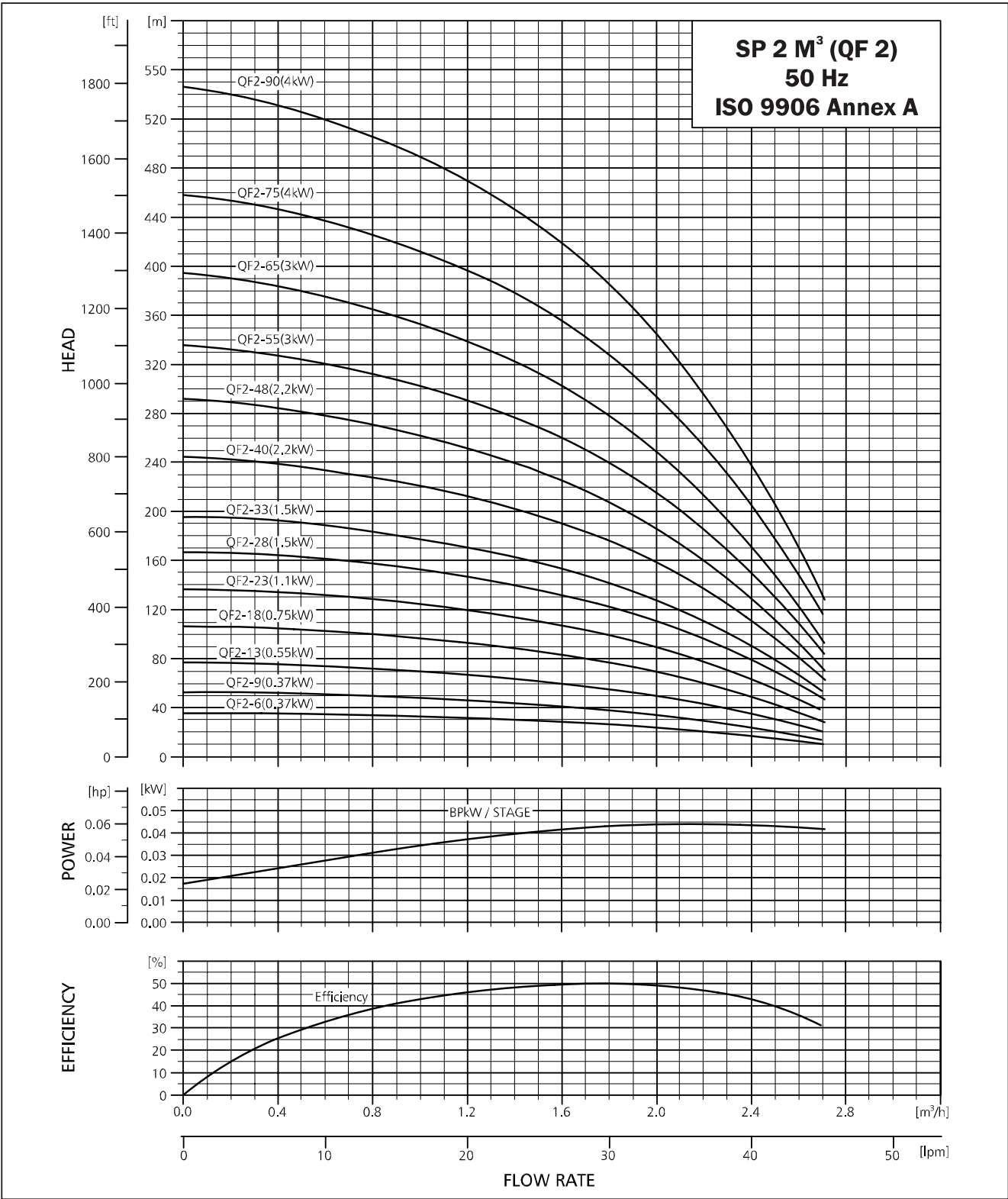


# PERFORMANCE CURVE

## SUBMERSIBLE PUMPS QF2



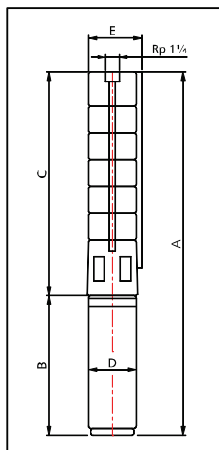
# TECHNICAL DATA & PERFORMANCE TABLE QF2



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## DIMENSIONS & WEIGHTS

## SUBMERSIBLE PUMPS QF2



E = Max. Dia of Pump inclusive of cable guard & motor.

QF-2-75 and QF-2-90 are mounted in sleeve for R1 1/4" connection and with max. diameter 108 mm

### TECHNICAL DATA QF2

| PUMP<br>TYPE | MOTOR  |               | DIMENSIONS (mm) |        |                  |        |                  |    |     | NET WEIGHT (kg) |        |                  |
|--------------|--------|---------------|-----------------|--------|------------------|--------|------------------|----|-----|-----------------|--------|------------------|
|              | TYPE * | POWER<br>(KW) | C               | B      |                  | A      |                  | D  | E   | PUMP            | MOTOR  |                  |
|              |        |               |                 | 1X230V | 3X220V<br>3X400V | 1X230V | 3X220V<br>3X400V |    |     |                 | 1X230V | 3X220V<br>3X400V |
|              |        |               |                 |        |                  |        |                  |    |     |                 |        |                  |
| QF2 - 6      | RO 100 | 0.37          | 312             | 352    | 302              | 664    | 614              | 95 | 101 | 3               | 8      | 8                |
| QF2 - 9      | RO 100 | 0.37          | 375             | 352    | 302              | 727    | 677              | 95 | 101 | 4               | 8      | 8                |
| QF2 - 13     | RO 100 | 0.55          | 459             | 367    | 317              | 826    | 776              | 95 | 101 | 5               | 9      | 9                |
| QF2 -18      | RO 100 | 0.75          | 564             | 382    | 352              | 946    | 916              | 95 | 101 | 6               | 10     | 9                |
| QF2 - 23     | RO 100 | 1.1           | 669             | 422    | 382              | 1091   | 1051             | 95 | 101 | 7               | 12     | 10               |
| QF2 - 28     | RO 100 | 1.5           | 774             | 478    | 422              | 1252   | 1196             | 95 | 101 | 9               | 13     | 12               |
| QF2 - 33     | RO 100 | 1.5           | 879             | 478    | 422              | 1357   | 1301             | 95 | 101 | 10              | 13     | 12               |
| QF2 - 40     | RO 101 | 2.2           | 1091            | 585    | 480              | 1676   | 1571             | 95 | 101 | 11              | 18     | 16               |
| QF2 - 48     | RO 101 | 2.2           | 1259            | 585    | 480              | 1844   | 1739             | 95 | 101 | 13              | 18     | 16               |
| QF2 - 55     | RO 101 | 3.0           | 1406            | -      | 547              | -      | 1953             | 95 | 101 | 15              | -      | 19               |
| QF2 - 65     | RO 101 | 3.0           | 1616            | -      | 547              | -      | 2163             | 95 | 101 | 17              | -      | 19               |
| QF2 - 75     | RO 101 | 4.0           | 1826            | -      | 623              | -      | 2449             | 95 | 101 | 20              | -      | 22               |
| QF2 - 90     | RO 101 | 4.0           | 2141            | -      | 623              | -      | 2764             | 95 | 101 | 23              | -      | 22               |

\* Motor type may change as per requirement

### PERFORMANCE TABLE QF2

| QF-2       |            |              |      | DISCHARGE (Q) |     |                   |      |      |      |      |      |      |
|------------|------------|--------------|------|---------------|-----|-------------------|------|------|------|------|------|------|
|            |            |              |      | m³/h          |     | 0                 | 1    | 1.4  | 1.8  | 2    | 2.4  | 2.8  |
|            |            |              |      | l/min.        |     | 0                 | 16.7 | 23.4 | 30.1 | 33.4 | 40.1 | 46.8 |
| MODEL      | CONNECTION | MOTOR RATING |      | 1 ~           | 3 ~ | TOTAL HEAD IN [m] |      |      |      |      |      |      |
|            |            | [KW]         | [HP] | [A]           | [A] |                   |      |      |      |      |      |      |
| QF 2A - 6  | Rp 1 1/4   | 0.37         | 0.5  | 2.9           | 1.4 | 36                | 33   | 30   | 26   | 24   | 17   | 13   |
| QF 2A - 9  |            | 0.37         | 0.5  | 2.9           | 1.4 | 53                | 48   | 44   | 38   | 34   | 24   | 17   |
| QF 2A - 13 |            | 0.55         | 0.75 | 4.0           | 2.2 | 77                | 70   | 64   | 55   | 50   | 35   | 26   |
| QF 2A - 18 |            | 0.75         | 1    | 5.5           | 2.3 | 107               | 97   | 89   | 77   | 69   | 49   | 36   |
| QF 2A - 23 |            | 1.1          | 1.5  | 8.2           | 3.4 | 137               | 124  | 114  | 99   | 90   | 64   | 47   |
| QF 2A - 28 |            | 1.5          | 2.0  | 10.2          | 4.2 | 167               | 152  | 140  | 122  | 110  | 79   | 59   |
| QF 2A - 33 |            | 1.5          | 2.0  | 10.2          | 4.2 | 196               | 178  | 163  | 142  | 128  | 90   | 66   |
| QF 2A - 40 |            | 2.2          | 3.0  | 14.0          | 5.5 | 245               | 221  | 203  | 176  | 158  | 111  | 81   |
| QF 2A - 48 |            | 2.2          | 3.0  | 14.0          | 5.5 | 292               | 262  | 240  | 207  | 186  | 129  | 93   |
| QF 2A - 55 |            | 3.0          | 4.0  | -             | 7.9 | 336               | 302  | 277  | 240  | 215  | 150  | 109  |