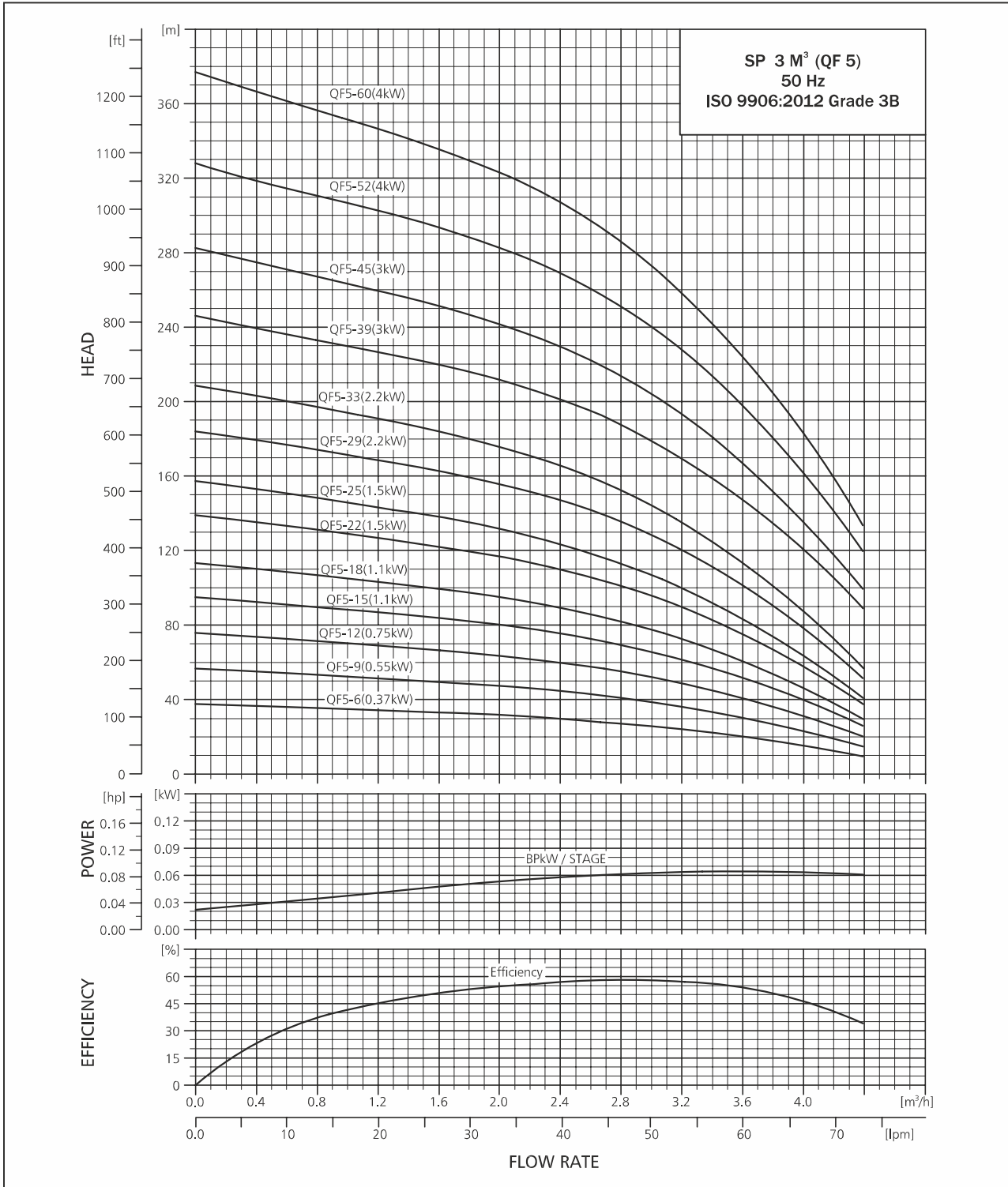


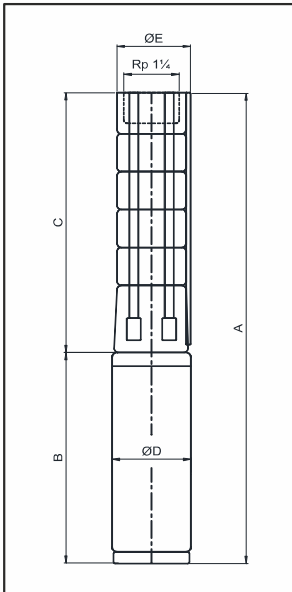
PERFORMANCE CURVE



SUBMERSIBLE PUMP QF 5



SUBMERSIBLE PUMP QF 5
DIMENSIONS AND WEIGHTS



E = Maximum Dia of Pump inclusive of cable guard and motor.

TECHNICAL DATA QF 5

| PUMP TYPE | MOTOR | | DIMENSIONS (mm) | | | | | | | NET WEIGHT (kg) | | |
|-----------|-------------|------------|-----------------|--------|------------------|--------|------------------|-----|-----|-----------------|--------|------------------|
| | TYPE* | POWER (kW) | C | B | | A | | D | E | PUMP | MOTOR | |
| | | | | 1x230V | 3x220V 3x400V | 1x230V | 3x220V 3x400V | | | | 1x230V | 3x220V 3x400V |
| QF 5 - 6 | PREMIUM 100 | 0.37 | 363 | 242 | 271 | 605 | 634 | 95 | 97 | 5.4 | 10 | 11 |
| QF 5 - 9 | PREMIUM 100 | 0.55 | 426 | 291 | 271 | 717 | 697 | 95 | 97 | 6.0 | 11 | 11 |
| QF 5 - 12 | PREMIUM 100 | 0.75 | 489 | 291 | 291 | 780 | 780 | 95 | 97 | 6.7 | 11 | 12 |
| QF 5 - 15 | PREMIUM 100 | 1.1 | 552 | 339 | 339 | 891 | 891 | 95 | 97 | 7.4 | 15 | 15 |
| QF 5 - 18 | PREMIUM 100 | 1.1 | 615 | 339 | 339 | 954 | 954 | 95 | 97 | 8.0 | 15 | 15 |
| QF 5 - 22 | PREMIUM 100 | 1.5 | 699 | 404 | 404 | 1103 | 1103 | 95 | 97 | 8.9 | 17 | 17 |
| QF 5 - 25 | PREMIUM 100 | 1.5 | 762 | 404 | 404 | 1166 | 1166 | 95 | 97 | 9.5 | 17 | 17 |
| QF 5 - 29 | PREMIUM 100 | 2.2 | 846 | 538 | 538 | 1384 | 1384 | 95 | 97 | 10.4 | 24 | 24 |
| QF 5 - 33 | PREMIUM 100 | 2.2 | 930 | 538 | 538 | 1468 | 1468 | 95 | 97 | 11.3 | 24 | 24 |
| QF 5 - 39 | PREMIUM 100 | 3.0 | 1271 | 690 | 578 | 1961 | 1849 | 95 | 97 | 12.6 | 31 | 26 |
| QF 5 - 45 | PREMIUM 100 | 3.0 | 1491 | 690 | 578 | 2181 | 2069 | 95 | 97 | 17.9 | 31 | 26 |
| QF 5 - 52 | PREMIUM 100 | 4.0 | 1676 | 690 | 690 | 2366 | 2366 | 95 | 97 | 20.3 | 31 | 31 |
| QF 5 - 60 | PREMIUM 100 | 4.0 | 1888 | 690 | 690 | 2578 | 2578 | 95 | 97 | 23.1 | 31 | 31 |
| QF 5 - 52 | MATASF 150 | 4.0 | 1728 | - | 699 | - | 2427 | 145 | 145 | 20.3 | - | 51 |
| QF 5 - 60 | MATASF 150 | 4.0 | 1940 | - | 699 | - | 2639 | 145 | 145 | 23.1 | - | 51 |

* Motor type may change as per requirement .

PERFORMANCE TABLE QF 5

| QF-5 | | | | DISCHARGE (Q) | | | | | | | | | | | | | |
|---------|-------------|---------------|------------|-------------------|------|-------------------|------|------|------|------|------|------|------|------|-----|-----|-----|
| | | | | m ³ /h | 0 | 1 | 1.4 | 1.8 | 2 | 2.4 | 2.8 | 3.4 | 4 | 4.4 | | | |
| | | | | l/min. | 0 | 16.7 | 23.4 | 30.1 | 33.4 | 40.1 | 46.8 | 56.8 | 66.8 | 73.5 | | | |
| MODEL | CONNE-CTION | MATERIAL CODE | | MOTOR RATING | | TOTAL HEAD IN (m) | | | | | | | | | | | |
| | | (4X4) | (6X4) | [kW] | [HP] | 1~ | 3~ | 1~ | 3~ | 1~ | 3~ | 1~ | 3~ | 1~ | 3~ | | |
| QF 5-6 | Rp 1 1/4 | 9000002539 | - | 0.37 | 0.5 | 2.9 | 1.4 | 38 | 35 | 34 | 32 | 31 | 30 | 27 | 22 | 15 | 12 |
| QF 5-9 | | 9000002542 | - | 0.55 | 0.75 | 4 | 2.2 | 57 | 54 | 51 | 49 | 47 | 45 | 41 | 33 | 23 | 19 |
| QF 5-12 | | 9000002524 | - | 0.75 | 1 | 5.5 | 2.3 | 76 | 70 | 68 | 65 | 64 | 60 | 55 | 45 | 31 | 26 |
| QF 5-15 | | 9000002525 | - | 1.1 | 1.5 | 8.2 | 3.4 | 95 | 87 | 85 | 82 | 80 | 76 | 70 | 57 | 40 | 33 |
| QF 5-18 | | 9000002526 | - | 1.1 | 1.5 | 8.2 | 3.4 | 113 | 105 | 101 | 97 | 95 | 89 | 82 | 67 | 46 | 38 |
| QF 5-22 | | 9000002527 | - | 1.5 | 2 | 10.2 | 4.2 | 139 | 129 | 125 | 120 | 117 | 110 | 101 | 83 | 57 | 47 |
| QF 5-25 | | 9000002529 | - | 1.5 | 2 | 10.2 | 4.2 | 157 | 145 | 140 | 135 | 131 | 124 | 113 | 92 | 63 | 52 |
| QF 5-29 | | 9000002530 | - | 2.2 | 3 | 14 | 5.5 | 184 | 171 | 166 | 159 | 156 | 147 | 136 | 111 | 78 | 65 |
| QF 5-33 | | 9000002534 | - | 2.2 | 3 | 14 | 5.5 | 209 | 194 | 187 | 180 | 176 | 166 | 152 | 125 | 87 | 72 |
| QF 5-39 | | 9000002535 | - | 3 | 4 | - | 7.9 | 246 | 230 | 223 | 216 | 212 | 201 | 188 | 160 | 120 | 105 |
| QF 5-45 | | 9000002536 | - | 3 | 4 | - | 7.9 | 283 | 264 | 255 | 247 | 242 | 229 | 214 | 181 | 135 | 118 |
| QF 5-52 | | 9000002538 | 9000013541 | 4 | 5.5 | - | 9.6 | 328 | 308 | 298 | 289 | 283 | 269 | 251 | 214 | 161 | 141 |
| QF 5-60 | | 9000002540 | 9000013542 | 4 | 5.5 | - | 9.6 | 377 | 350 | 341 | 330 | 323 | 307 | 286 | 242 | 182 | 158 |