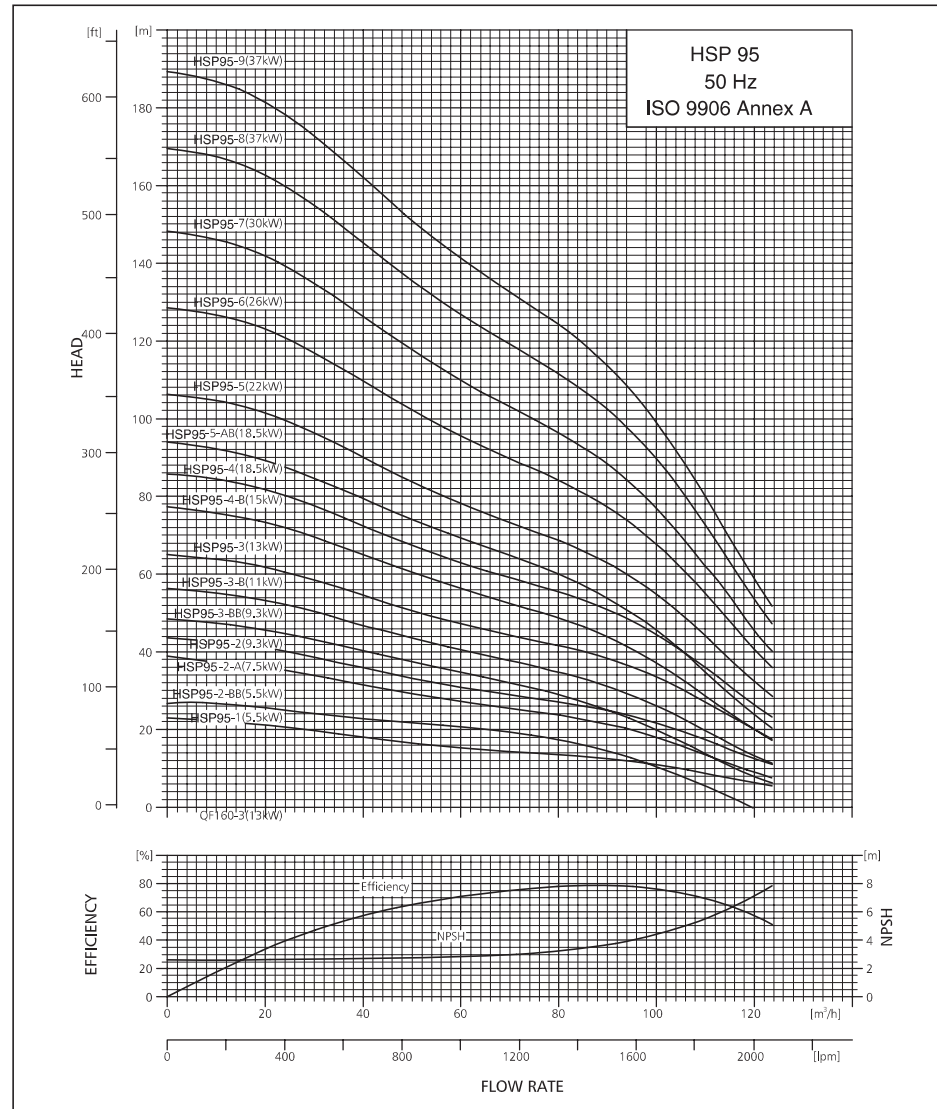


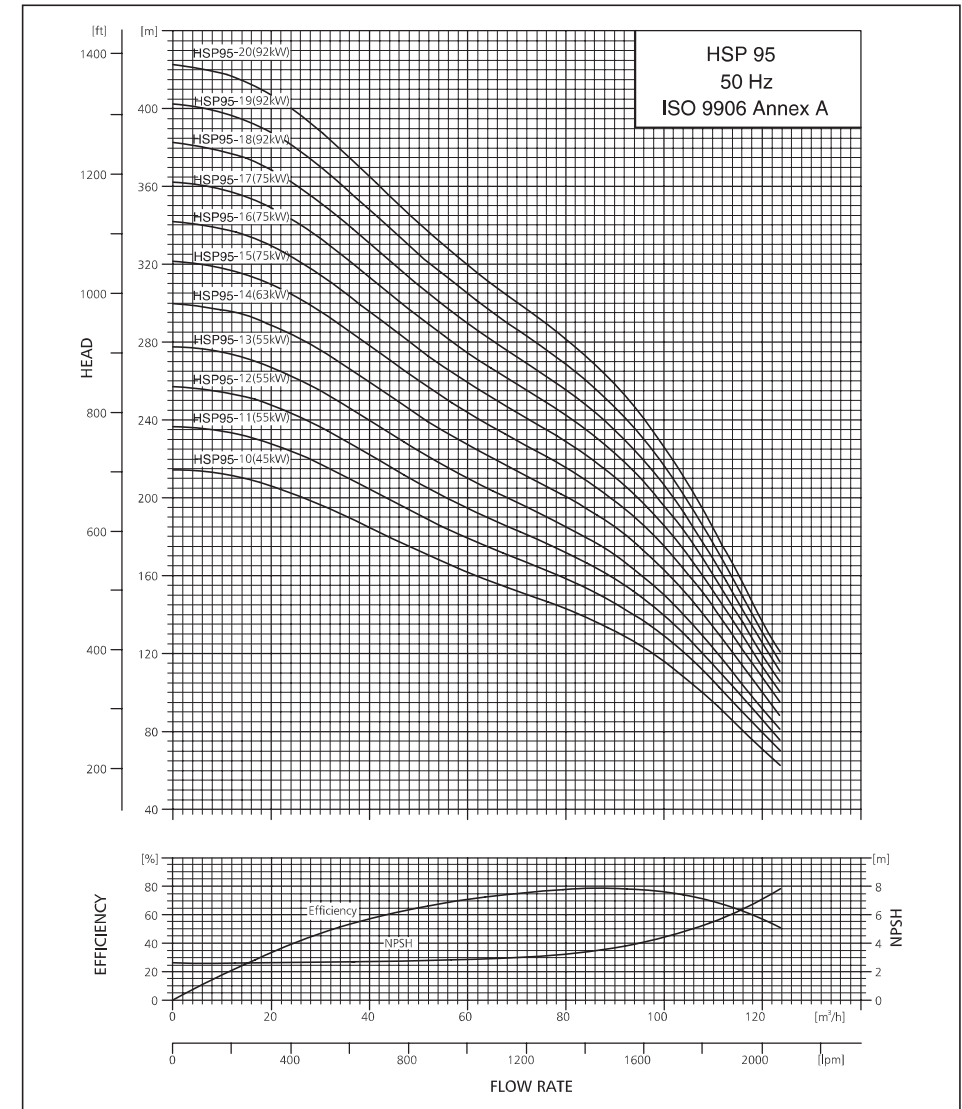
## PERFORMANCE CURVE

### SUBMERSIBLE PUMP HSP 95



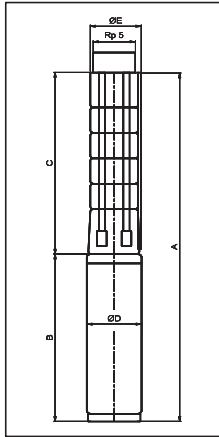
## PERFORMANCE CURVE

### SUBMERSIBLE PUMP HSP 95



## SUBMERSIBLE PUMP HSP 95

## DIMENSIONS AND WEIGHTS



E = Maximum diameter of pump inclusive of cable guard & motor.



## TECHNICAL DATA HSP 95

| PUMP<br>TYPE | MOTOR    |               | DIMENSIONS (MM)  |      |     |     |      |              |     |     |      |     | NET WEIGHT (KG) |     |      |       |
|--------------|----------|---------------|------------------|------|-----|-----|------|--------------|-----|-----|------|-----|-----------------|-----|------|-------|
|              | TYPE     | POWER<br>(kW) | RP 5" CONNECTION |      |     |     |      | RP 5" FLANGE |     |     |      |     | B               | D   | PUMP | MOTOR |
|              |          |               | A                | C    | E*  | E** | A    | C            | E*  | E** |      |     |                 |     |      |       |
| HSP95-1      | MOTOR 6" | 5.5           | 1325             | 626  | 178 | 186 | 1325 | 626          | 180 | 185 | 699  | 143 | 21              | 48  |      |       |
| HSP95-2-BA   | MOTOR 6" | 5.5           | 1453             | 754  | 178 | 186 | 1453 | 754          | 180 | 185 | 699  | 143 | 24              | 48  |      |       |
| HSP95-2-A    | MOTOR 6" | 7.5           | 1453             | 754  | 178 | 186 | 1453 | 754          | 180 | 185 | 699  | 143 | 24              | 50  |      |       |
| HSP95-2      | MOTOR 6" | 9.3           | 1503             | 754  | 178 | 186 | 1503 | 754          | 180 | 185 | 749  | 143 | 24              | 53  |      |       |
| HSP95-3-BB   | MOTOR 6" | 9.3           | 1631             | 882  | 178 | 186 | 1631 | 882          | 180 | 185 | 749  | 143 | 28              | 53  |      |       |
| HSP95-3-B    | MOTOR 6" | 11            | 1661             | 882  | 178 | 186 | 1661 | 882          | 180 | 185 | 779  | 143 | 28              | 56  |      |       |
| HSP95-3      | MOTOR 6" | 13            | 1711             | 882  | 178 | 186 | 1711 | 882          | 180 | 185 | 829  | 143 | 28              | 61  |      |       |
| HSP95-4-B    | MOTOR 6" | 15            | 1884             | 1010 | 178 | 186 | 1884 | 1010         | 180 | 185 | 874  | 143 | 31              | 66  |      |       |
| HSP95-4      | MOTOR 6" | 18.5          | 1929             | 1010 | 178 | 186 | 1929 | 1010         | 180 | 185 | 919  | 143 | 31              | 70  |      |       |
| HSP95-5-AB   | MOTOR 6" | 18.5          | 2057             | 1138 | 178 | 186 | 2057 | 1138         | 180 | 185 | 919  | 143 | 35              | 70  |      |       |
| HSP95-5      | MOTOR 6" | 22            | 2147             | 1138 | 178 | 186 | 2147 | 1138         | 180 | 185 | 1009 | 143 | 35              | 79  |      |       |
| HSP95-6      | MOTOR 6" | 26            | 2380             | 1266 | 178 | 186 | 2380 | 1266         | 180 | 185 | 1114 | 143 | 38              | 90  |      |       |
| HSP95-7      | MOTOR 6" | 30            | 2608             | 1394 | 178 | 186 | 2608 | 1394         | 180 | 185 | 1214 | 143 | 38              | 100 |      |       |
| HSP95-7      | MOTOR 8" | 30            | 2534             | 1394 | 196 | 204 | 2534 | 1394         | 210 | 210 | 1140 | 195 | 42              | 140 |      |       |
| HSP95-8      | MOTOR 8" | 37            | 2612             | 1522 | 196 | 204 | 2662 | 1522         | 210 | 210 | 1140 | 195 | 46              | 140 |      |       |
| HSP95-9      | MOTOR 8" | 37            | 2880             | 1650 | 196 | 204 | 2880 | 1650         | 210 | 210 | 1230 | 195 | 49              | 140 |      |       |
| HSP95-10     | MOTOR 8" | 45            | 3008             | 1778 | 196 | 204 | 3008 | 1778         | 210 | 210 | 1230 | 195 | 53              | 156 |      |       |
| HSP95-11     | MOTOR 8" | 55            | 3246             | 1906 | 196 | 204 | 3246 | 1906         | 210 | 210 | 1340 | 195 | 56              | 179 |      |       |
| HSP95-12     | MOTOR 8" | 55            | 3374             | 2034 | 196 | 204 | 3374 | 2034         | 210 | 210 | 1340 | 195 | 60              | 179 |      |       |
| HSP95-13     | MOTOR 8" | 55            | 3502             | 2162 | 196 | 204 | 3502 | 2162         | 210 | 210 | 1340 | 195 | 63              | 179 |      |       |
| HSP95-14     | MOTOR 8" | 63            | 3760             | 2290 | 196 | 204 | 3760 | 2290         | 210 | 210 | 1470 | 195 | 67              | 179 |      |       |
| HSP95-15     | MOTOR 8" | 75            | 3978             | 2418 | 196 | 204 | -    | -            | -   | -   | 1560 | 195 | 71              | 215 |      |       |
| HSP95-16     | MOTOR 8" | 75            | 4106             | 2546 | 196 | 204 | -    | -            | -   | -   | 1560 | 195 | 74              | 215 |      |       |
| HSP95-17     | MOTOR 8" | 75            | 4234             | 2674 | 196 | 204 | -    | -            | -   | -   | 1560 | 195 | 78              | 215 |      |       |
| HSP95-18     | MOTOR 8" | 93            | 4542             | 2802 | 196 | 204 | -    | -            | -   | -   | 1740 | 195 | 81              | 247 |      |       |
| HSP95-19     | MOTOR 8" | 93            | 4670             | 2930 | 196 | 204 | -    | -            | -   | -   | 1740 | 195 | 85              | 247 |      |       |
| HSP95-20     | MOTOR 8" | 93            | 4798             | 3058 | 196 | 204 | -    | -            | -   | -   | 1740 | 195 | 88              | 247 |      |       |

\* Maximum diameter of pump with one motor cable.

**\*\* Maximum diameter of pump with two motor cable.**

Motor type may change as per requirement.

Other type of connection is possible by means of connecting pieces. See page no. 88

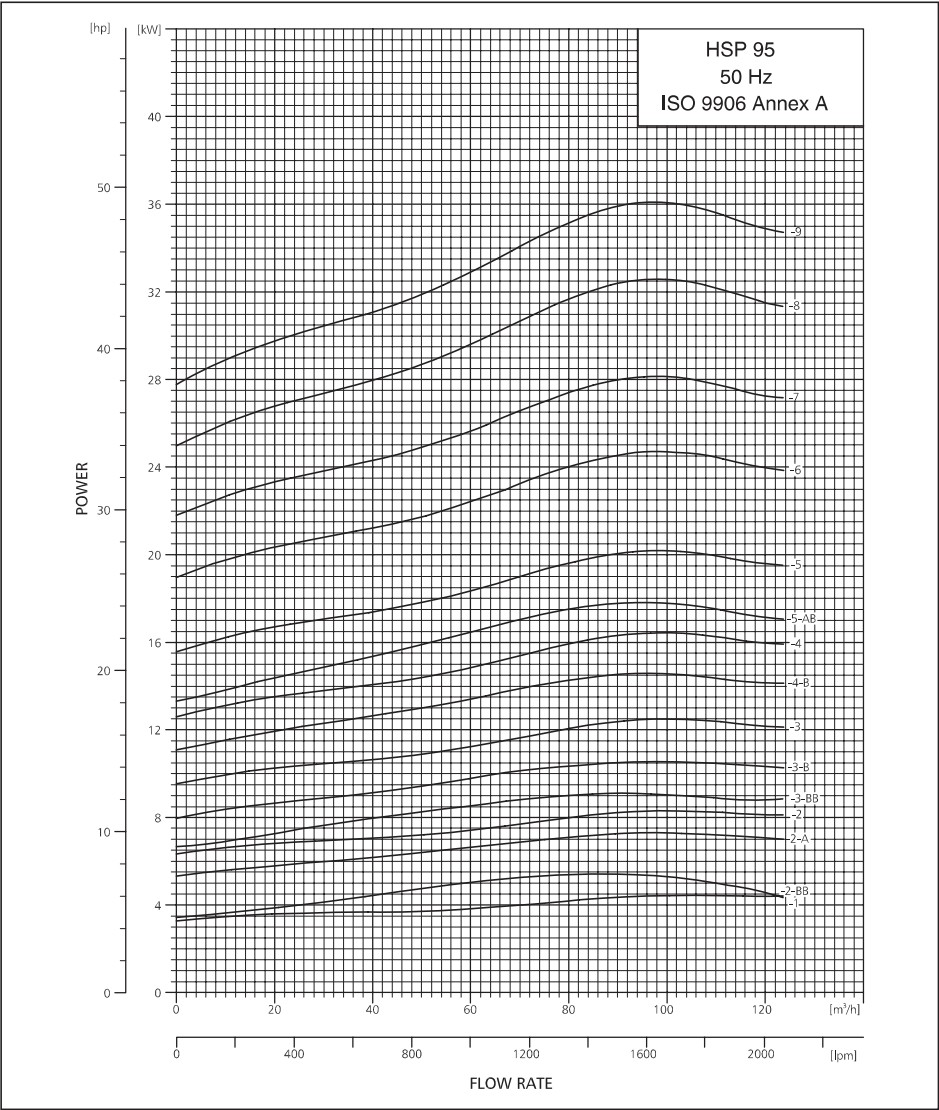
## SUBMERSIBLE PUMP HSP 95

### PERFORMANCE TABLE HSP 95

| HSP - 95   |              |      | DISCHARGE (Q)     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |  |
|------------|--------------|------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|--|--|
|            | m³/h         |      | 0                 | 10  | 20  | 30  | 40  | 50  | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 122  |  |  |
|            | 1/min.       |      | 0                 | 167 | 333 | 500 | 667 | 833 | 1000 | 1167 | 1333 | 1500 | 1667 | 1833 | 2000 | 2033 |  |  |
| MODEL      | MOTOR RATING |      | TOTAL HEAD IN (m) |     |     |     |     |     |      |      |      |      |      |      |      |      |  |  |
|            | [kW]         | [HP] |                   |     |     |     |     |     |      |      |      |      |      |      |      |      |  |  |
| HSP95-1    | 5.5          | 7.5  | 23                | 22  | 21  | 20  | 18  | 17  | 15   | 14   | 13   | 13   | 11   | 9    | 6    | 6    |  |  |
| HSP95-2-BB | 5.5          | 7.5  | 27                | 27  | 26  | 24  | 23  | 22  | 21   | 19   | 17   | 14   | 10   | 5    | 0    | -    |  |  |
| HSP95-2-A  | 7.5          | 10   | 39                | 37  | 36  | 34  | 32  | 29  | 27   | 26   | 24   | 21   | 18   | 14   | 9    | 8    |  |  |
| HSP95-2    | 9.3          | 12.5 | 44                | 43  | 41  | 39  | 36  | 33  | 31   | 29   | 27   | 25   | 22   | 17   | 13   | 12   |  |  |
| HSP95-3-BB | 9.3          | 12.5 | 49                | 47  | 46  | 43  | 40  | 37  | 35   | 32   | 29   | 25   | 20   | 14   | 8    | 7    |  |  |
| HSP95-3-B  | 11           | 15   | 66                | 65  | 63  | 50  | 47  | 44  | 41   | 38   | 35   | 31   | 26   | 20   | 13   | 12   |  |  |
| HSP95-3    | 13           | 17.5 | 65                | 64  | 62  | 58  | 55  | 51  | 47   | 44   | 42   | 38   | 33   | 27   | 20   | 19   |  |  |
| HSP95-4-B  | 15           | 20   | 77                | 76  | 73  | 70  | 65  | 60  | 56   | 53   | 49   | 44   | 37   | 29   | 20   | 18   |  |  |
| HSP95-4    | 18.5         | 25   | 86                | 84  | 82  | 78  | 73  | 67  | 63   | 59   | 55   | 51   | 44   | 36   | 26   | 25   |  |  |
| HSP95-5-AB | 18.5         | 25   | 94                | 92  | 89  | 85  | 79  | 74  | 69   | 65   | 60   | 54   | 45   | 35   | 24   | 22   |  |  |
| HSP95-5    | 22           | 30   | 106               | 105 | 101 | 96  | 90  | 84  | 78   | 73   | 69   | 63   | 55   | 44   | 32   | 30   |  |  |
| HSP95-6    | 26           | 35   | 129               | 127 | 123 | 117 | 110 | 102 | 96   | 90   | 84   | 77   | 68   | 55   | 41   | 38   |  |  |
| HSP95-7    | 30           | 40   | 148               | 146 | 142 | 135 | 126 | 118 | 110  | 103  | 96   | 88   | 77   | 62   | 46   | 43   |  |  |
| HSP95-8    | 37           | 50   | 170               | 167 | 163 | 155 | 145 | 136 | 127  | 119  | 112  | 102  | 90   | 73   | 54   | 50   |  |  |
| HSP95-9    | 37           | 50   | 189               | 187 | 182 | 173 | 162 | 151 | 141  | 133  | 124  | 114  | 99   | 80   | 59   | 55   |  |  |
| HSP95-10   | 45           | 60   | 214               | 212 | 206 | 197 | 185 | 173 | 162  | 152  | 143  | 132  | 116  | 95   | 71   | 66   |  |  |
| HSP95-11   | 55           | 75   | 237               | 234 | 228 | 217 | 205 | 191 | 179  | 169  | 158  | 146  | 129  | 106  | 79   | 74   |  |  |
| HSP95-12   | 55           | 75   | 257               | 254 | 248 | 236 | 222 | 208 | 195  | 183  | 172  | 158  | 140  | 115  | 86   | 80   |  |  |
| HSP95-13   | 55           | 75   | 278               | 275 | 267 | 255 | 240 | 224 | 210  | 198  | 185  | 170  | 150  | 123  | 92   | 86   |  |  |
| HSP95-14   | 63           | 85   | 300               | 297 | 289 | 276 | 259 | 243 | 227  | 214  | 201  | 185  | 163  | 134  | 100  | 93   |  |  |
| HSP95-15   | 75           | 100  | 321               | 318 | 310 | 296 | 278 | 260 | 244  | 230  | 215  | 198  | 175  | 144  | 107  | 100  |  |  |
| HSP95-16   | 75           | 100  | 342               | 338 | 329 | 314 | 296 | 277 | 259  | 244  | 229  | 211  | 186  | 152  | 114  | 106  |  |  |
| HSP95-17   | 75           | 100  | 362               | 358 | 349 | 333 | 313 | 293 | 275  | 258  | 242  | 223  | 196  | 160  | 120  | 112  |  |  |
| HSP95-18   | 93           | 125  | 382               | 378 | 368 | 352 | 331 | 309 | 290  | 272  | 255  | 235  | 206  | 169  | 125  | 117  |  |  |
| HSP95-19   | 93           | 125  | 402               | 398 | 388 | 370 | 348 | 325 | 305  | 287  | 269  | 247  | 216  | 177  | 131  | 122  |  |  |
| HSP95-20   | 93           | 125  | 423               | 418 | 407 | 388 | 365 | 341 | 320  | 301  | 281  | 258  | 226  | 184  | 137  | 128  |  |  |

PERFORMANCE CURVE

SUBMERSIBLE PUMP HSP 95



PERFORMANCE CURVE

SUBMERSIBLE PUMP HSP 95

