



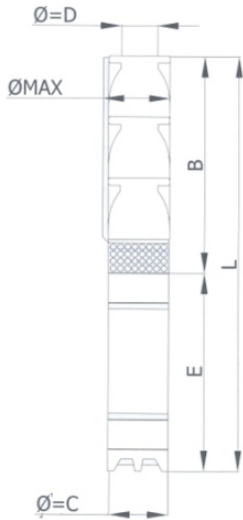
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 10300



| | | | |
|---|---|---------------------------|-------------------------------------|
| Pumped Liquid: Non - Aggressive. Temperature min = 0° C max = 40° C | | | |
| Maximum allowable solid quantity = 50 g/m ³ solid dimension: Max 2mm | | | |
| Speed - 2900 RPM | CW = 50 - 200 Qmax = 420 m ³ /h | Best efficiency point: | Q = 300 m ³ H = 139 m |
| Maximum pump diameter (including cable guard): 265 mm | | Discharge diameter: | 6 " |
| Maximum depth of application: Up to 250 m below the water level | | Maximum working pressure: | 25 atm |
| Minimum liquid level: 2000 mm from bottom of suction grid | | Maximum head: | 184 m |
| Impeller type: Mixed Flow | Construction and safety standards: TS 11146:1993 TS EN ISO 12100-1:2007 TS EN 809:2000 TS EN ISO 12100-2:2006 98/37/EC | | |

| PUMP TYPE | MOTOR | | | DIMENSIONS (mm) | | | | | | | | WEIGHT (kg) | | | | | |
|------------|-------|-----|-----|-----------------|--------|------|------|------|-------|-------|-------|-------------|-------|-------|------|-------|--------|
| | 8" | 10" | | 10.8" | 10.10" | | 8" | 10" | 8" | 10" | Ø MAX | Ø = D | 8" | 10" | | 10.8" | 10.10" |
| | HP | HP | Kw | L | L | B | E | E | Ø = C | Ø = C | | | MOTOR | MOTOR | PUMP | TOTAL | TOTAL |
| T10300/01Z | 50 | - | 37 | 1837 | - | 735 | 1102 | - | 195 | - | 265 | 6" | 148 | - | 64 | 212 | - |
| T10300/01X | 60 | - | 45 | 1895 | - | 735 | 1160 | - | 195 | - | 265 | 6" | 159 | - | 64 | 223 | - |
| T10300/02Z | 90 | - | 67 | 2313 | - | 920 | 1393 | - | 195 | - | 265 | 6" | 203 | - | 89 | 292 | - |
| T10300/02X | 110 | - | 83 | 2455 | - | 920 | 1535 | - | 195 | - | 265 | 6" | 232 | - | 89 | 321 | - |
| T10300/03Z | 125 | 125 | 90 | 2755 | 2635 | 1105 | 1650 | 1530 | 195 | 240 | 265 | 6" | 256 | 347 | 113 | 369 | 460 |
| T10300/03X | 150 | 150 | 110 | 2949 | 2720 | 1105 | 1844 | 1615 | 195 | 240 | 265 | 6" | 295 | 379 | 113 | 408 | 492 |
| T10300/04Z | - | 180 | 130 | - | 3105 | 1290 | - | 1815 | - | 240 | 265 | 6" | - | 440 | 138 | - | 578 |
| T10300/04X | - | 200 | 150 | - | 3180 | 1290 | - | 1890 | - | 240 | 265 | 6" | - | 462 | 138 | - | 600 |
| T10300/05Z | - | 200 | 150 | - | 3365 | 1475 | - | 1890 | - | 240 | 265 | 6" | - | 462 | 162 | - | 624 |

| PUMP TYPE | MOTOR | | | m ³ /h | Head in Meters | | | | | | | | | | | | | | | |
|------------|-------|-----|-----|-------------------|----------------|-----|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | 8" | 10" | | | 0 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 | 300 | 330 | 360 | 375 | 390 | 420 |
| | HP | HP | Kw | | l/sn | 0.0 | 42.0 | 46.0 | 50.0 | 54.0 | 58.0 | 63.0 | 67.0 | 71.0 | 75.0 | 83.0 | 92.0 | 100.0 | 104.0 | 108.0 |
| T10300/01Z | 50 | - | 37 | | 42 | 37 | 36 | 35 | 34 | 33 | 33 | 32 | 31 | 30 | 28 | 25 | 20 | 18 | 15 | 8 |
| T10300/01X | 60 | - | 45 | | 48 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 34 | 31 | 29 | 25 | 23 | 21 | 15 |
| T10300/02Z | 90 | - | 67 | | 84 | 73 | 72 | 70 | 68 | 67 | 65 | 64 | 62 | 60 | 55 | 49 | 41 | 36 | 30 | 16 |
| T10300/02X | 110 | - | 83 | | 95 | 83 | 80 | 78 | 76 | 74 | 72 | 71 | 69 | 67 | 63 | 58 | 50 | 46 | 41 | 29 |
| T10300/03Z | 125 | 125 | 90 | | 126 | 110 | 108 | 105 | 103 | 100 | 98 | 96 | 93 | 90 | 83 | 74 | 61 | 54 | 45 | 24 |
| T10300/03X | 150 | 150 | 110 | | 143 | 124 | 121 | 117 | 114 | 111 | 109 | 106 | 103 | 101 | 94 | 86 | 76 | 69 | 62 | 44 |
| T10300/04Z | - | 180 | 130 | | 168 | 147 | 143 | 140 | 137 | 134 | 131 | 128 | 124 | 120 | 111 | 98 | 82 | 71 | 60 | 32 |
| T10300/04X | - | 200 | 150 | | 190 | 166 | 161 | 156 | 152 | 148 | 145 | 141 | 138 | 134 | 126 | 115 | 101 | 92 | 82 | 58 |
| T10300/05Z | - | 200 | 150 | | 210 | 184 | 179 | 175 | 171 | 167 | 164 | 160 | 155 | 150 | 139 | 123 | 102 | 89 | 75 | 40 |

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-10300