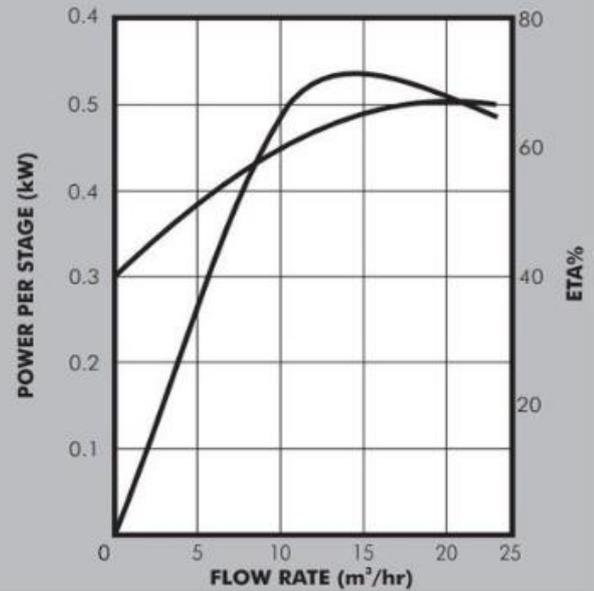
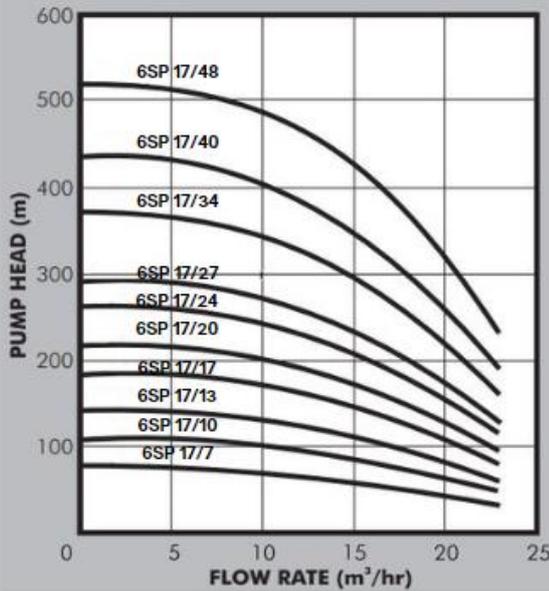


6SP 17

Multistage Centrifugal Borehole Pumps



Pump and Motor Description

I. Benax **SP pump** series are high-performance and wear-resistant phreatic submersible electric pumps, which are combined and produced by importing Italian and American advanced pump-making techniques. The pump is coupled to a sealed liquid oil filled 2 pole asynchronous squirrel cage motor that adopts the standard of **American and Italian submersible motors**.

II. The body is covered with stainless case, and its rush pith is made with high-quality wear-resisting alloy and compound stainless steel materials, equipped with the special anti-wearing bearing structures of multi-level alloy rub against the wearable rubber. These pumps are designed specifically for borehole supply applications. They are of multistage centrifugal impeller design.

Pumped liquids: Clean thin, chemically non-aggressive liquids without solid particles or fibres.

Max Liquid Temp: +40°C

Minimum Borehole Diameter: 150mm

Max Immersion Depth: 300m

Enclosure Class: IP68 **Insulation Class:** F **Speed:** 2900rpm **Voltage:** 3ph-415V

PUMP DATA

| Type | Motor | | Theoretic Head | Pump Head | Flow Rate (M³/hr) | | | | | | Dimensions (mm) | | | | Weight |
|----------|-------|-----|----------------|-----------|-------------------|-----|-----|-----|-----|-----|-----------------|-------------------|-----|------|----------|
| | HP | KW | | | M | M | 0 | 12 | 15 | 17 | 21 | 23 | A | B | |
| | | | 0 | 200 | | | 250 | 283 | 350 | 383 | Water Outlet | External Diameter | | | Max Size |
| 6SP17/7 | 5.5 | 4 | 75 | 57 | 75 | 66 | 59 | 57 | 45 | 37 | 2 1/2" | 121.3 | 135 | 607 | 9.9 |
| 6SP17/10 | 7.5 | 5.5 | 108 | 82 | 108 | 96 | 86 | 82 | 61 | 47 | | | | 754 | 13.1 |
| 6SP17/13 | 10 | 7.5 | 141 | 106 | 141 | 127 | 109 | 106 | 70 | 57 | | | | 901 | 16.1 |
| 6SP17/17 | 13 | 9.2 | 184 | 139 | 184 | 163 | 147 | 139 | 100 | 80 | | | | 1097 | 20.2 |
| 6SP17/20 | 15 | 11 | 214 | 164 | 214 | 180 | 163 | 154 | 106 | 88 | | | | 1244 | 23.3 |
| 6SP17/24 | 18 | 13 | 260 | 196 | 260 | 230 | 208 | 196 | 140 | 115 | | | | 1440 | 27.42 |
| 6SP17/27 | 20 | 15 | 298 | 221 | 298 | 258 | 242 | 221 | 160 | 140 | | | | 1587 | 30.51 |
| 6SP17/34 | 25 | 19 | 355 | 270 | 355 | 315 | 285 | 270 | 191 | 157 | | | | 1881 | 36.69 |
| 6SP17/40 | 30 | 22 | 434 | 328 | 434 | 385 | 346 | 328 | 235 | 190 | | | | 2224 | 43.9 |
| 6SP17/48 | 35 | 26 | 520 | 380 | 520 | 460 | 425 | 380 | 300 | 270 | | | | 2224 | 43.9 |

