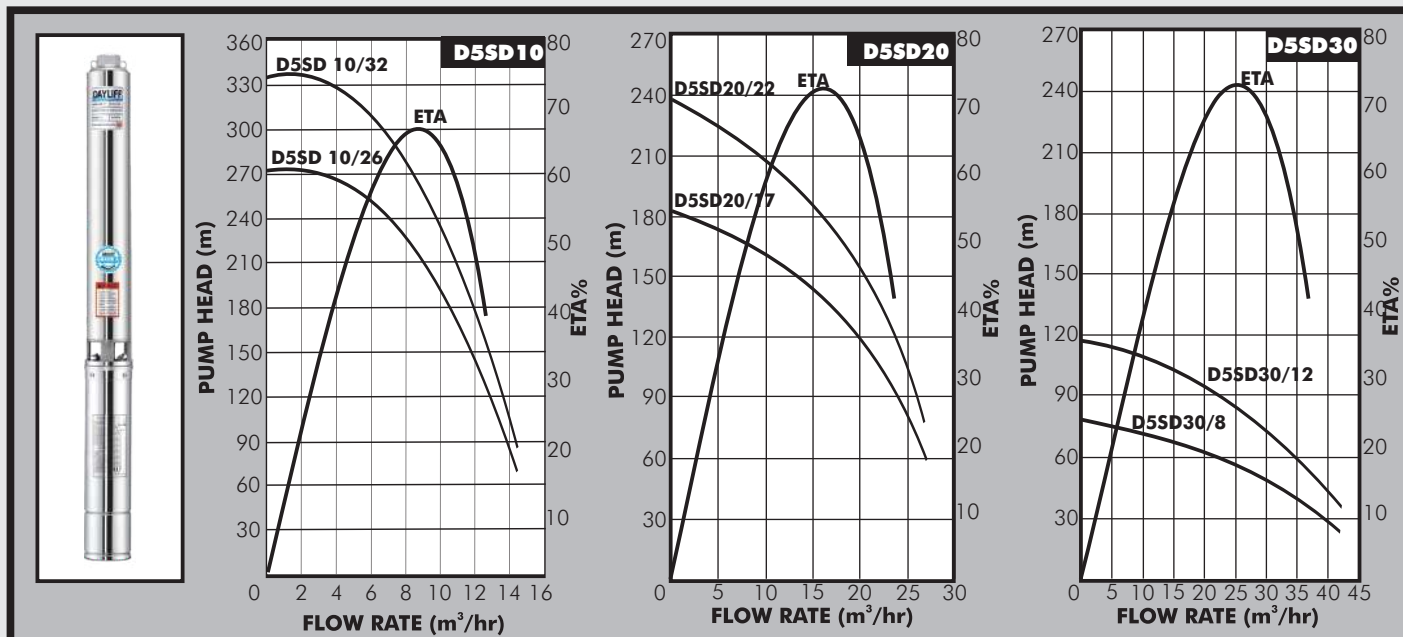




# D5SD

## Submersible Borehole Pump



### PUMP

DAYLIFF D5SD 5" submersible multistage centrifugal pumps are specially designed for water supply from wells and boreholes. Material of construction include polycarbonate impellers and diffusers, AISI 201 stainless steel delivery and suction chambers and AISI 304 stainless steel pump housing, shaft and shaft coupling. These corrosion resistant materials together with the advanced hydraulic design provide the pumps with excellent sand handling capabilities for a longer life and operational efficiency.

### MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel-cage motor constructed of stainless steel. The motors require a remote DOL starter, a DAYLIFF SCT electronic Pump Controller is recommended for comprehensive pump control including low level, motor overload and irregular power supply protection

**Enclosure Class:** IP68

**Insulation Class:** B

**Speed:** 2850 rpm

**Voltage:** 3x415V

### OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non-aggressive liquids with a max. sand content of 0.25%

**Max. Water temperature:** +35°C

**Max. immersion depth:** 200m

**Min. borehole diameter:** 130mm

### PUMP DATA

| Model     | Motor |    | Current (A) | Istat I | DN (") | Dimensions(mm) |      | Weight (kg) |
|-----------|-------|----|-------------|---------|--------|----------------|------|-------------|
|           | kW    | HP |             |         |        | A              | D    |             |
| D5SD10/26 | 11    | 15 | 21          | 4       | 2      | 856            | 1179 | 69          |
| D5SD10/32 | 15    | 20 | 26          |         |        | 1006           | 1383 | 84          |
| D5SD20/17 | 11    | 15 | 22.1        |         | 2½     | 869            | 1106 | 63.6        |
| D5SD20/22 | 15    | 20 | 28.4        |         |        | 1039           | 1338 | 79.4        |
| D5SD30/8  | 7.5   | 10 | 15.3        |         |        | 709            | 1076 | 54.1        |
| D5SD30/12 | 11    | 15 | 22.1        |         |        | 869            | 1427 | 72.1        |

