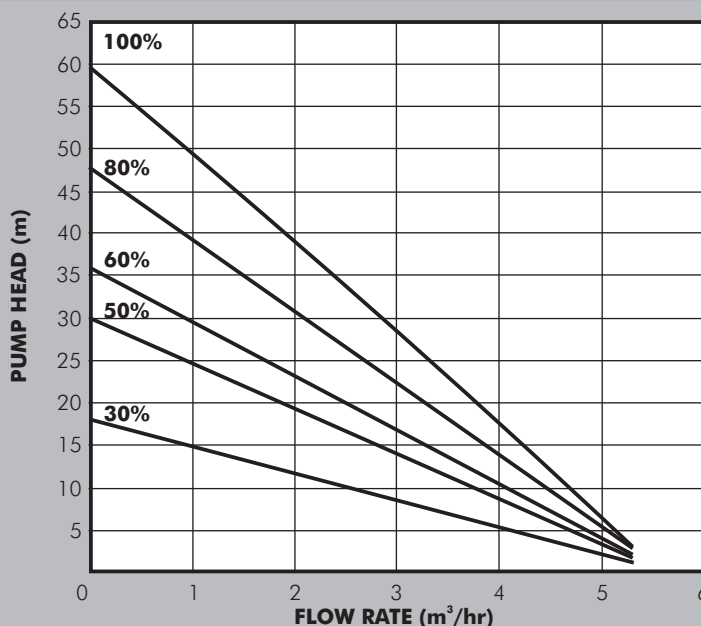




# DSmart750Pro

## Smart Water Boosting System



### PUMPS

DAYLIFF DSmart Pumps are innovative centrifugal self-priming variable speed automatic water boosting systems for pressurised water supply, variable speed technology providing constant pressure at varying water demand levels. Pump construction is stainless steel pump body with external casings made from UV proof components suitable for indoor and outdoor installations. Particular features include:-

- Innovative inverter controlled variable speed technology that minimises energy consumption.
- Quiet operation with noise levels < 45dB.
- Fully automatic operation with adjustable constant pressure settings that matches flow with demand.
- Easy to use LED control panel with display for operating mode, operating pressure and various fault indicators.
- Convenience features including standard inlet and outlet connectors and inbuilt non-return valve.
- High/Low temperature protection and leakage warning.
- Integrated pressure tank for dry running and anti-cycling protection.
- Parallel connection for 2 pump operation
- Integral remote monitoring through Wi-Fi and Bluetooth communication

DSmart are exceptionally advanced pumps that use state of the art inverter technology to provide the perfect solution for a complete water supply system in domestic, residential and small commercial water supply applications.

### MOTORS

Pumps are fitted with high efficiency IE5 Permanent Magnet variable frequency motor that incorporates thermal protection against motor overload and dry run protection with auto-restart. The motor can be directly connected to the mains power supply through appropriately sized 13A fuse or MCB.

**Enclosure Class:** IPX5

**Max Speed:** 5200rpm

**Insulation Class:** F

**Power Input:** 165 - 260V/1ph/50Hz

### OPERATING CONDITIONS

**Pumped Liquid:** Thin, clean, chemically non-aggressive liquids without fibres

**Max. Ambient temperature:** +50°C

**Water Temperature:** +0°C - +75°C

**Max. Suction Lift:** 8m

**Factory Set Pressure:** 3bar

### PUMP DATA

| Model         | Motor (kW) | Current (A) | Max Working Pressure (Bar) | Inlet/Outlet (") | Dimensions (mm) |     |     | Weight (kg) |
|---------------|------------|-------------|----------------------------|------------------|-----------------|-----|-----|-------------|
|               |            |             |                            |                  | L               | W   | H   |             |
| Dsmart750 Pro | 0.75       | 6.4         | 6                          | 1                | 400             | 204 | 320 | 9           |

