



## Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

### PRODUCT DATASHEET

#### SM50 Sump Pump



#### THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

#### OVERVIEW

The SM50 can pump an impressive 500 gallons per minute (30000 gallons per hour).

#### FEATURES



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The SM50 Water Pump is a submersible, centrifugal type pump that requires no priming. The motor is contaminant-tolerant gear motor uniquely designed for continuous highspeed operation. The motor drives the impeller directly, so there are no spindle bearings that require periodic lubrication or replacement. The cast stainless steel, semi-closed impeller resists corrosion. A series of seals on the drive shaft effectively keep hydraulic fluid and pumped water where they belong while allowing the pump to be run dry without sudden seal failure.

The SM50 is fitted with driplless flatfaced HTMA quick couplers for easy connecting and disconnecting of the pump and hydraulic system. The water outlet is 3-inch pipe thread fitted with a 3-inch groove fitting to which can be connected a cam hose end fitting.

Access to the pumping chamber for cleaning requires the removal of only two capscrews. The motor with the impeller attached is then easily removed from the pump casing. The SM50 can draw down water to a depth of 3.5 inches.

Putting the SM50 in a sump will allow it to pump all but 3.5 inches of water remaining in the sump. The integral screen effectively keeps solids larger than 3/8 of an inch out of the pump. The pump will handle clear water and water containing up to 10% solids.

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### SPECIFICATION

**Outlet Size** - 3 - inch NPT / 3 - inch Camlock

**Output Capacity** - 1890 lpm

**Input Pressure** - 69 â€“ 138 bar

**Input Flow Range** - 26 â€“ 45 lpm

**Porting** - 8 SAE 3/4-16 Straight Thread

**Connector** - 3/8 Flush-face HTMA Coupler

**Weight** - 9.5 kg

**Length** - 26.7 cm

**Width** - 25.4 cm

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### ORDER THIS PRODUCT

To order this product or to request a price contract our UK sales team on  
**+44 (0)1772 687775**

Alternatively you can place a quote request through our website  
<http://www.smp-ltd.co.uk> or send an email to [sales@smp-ltd.co.uk](mailto:sales@smp-ltd.co.uk)