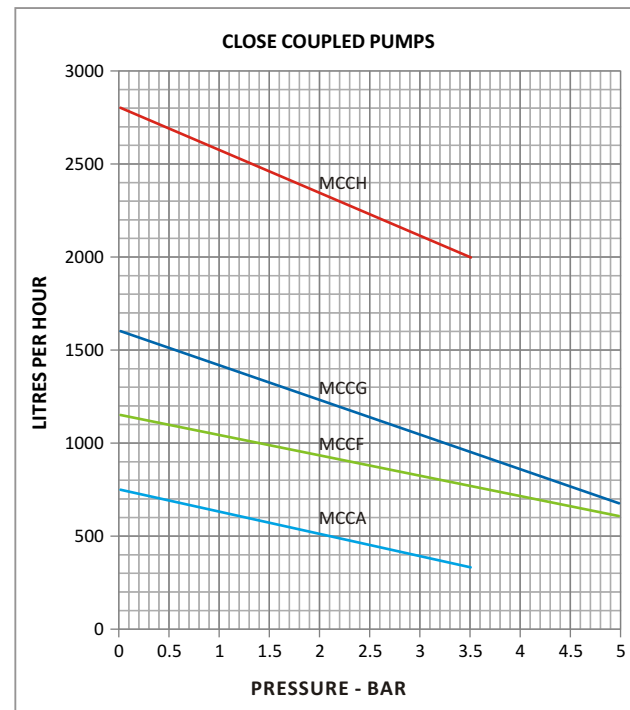
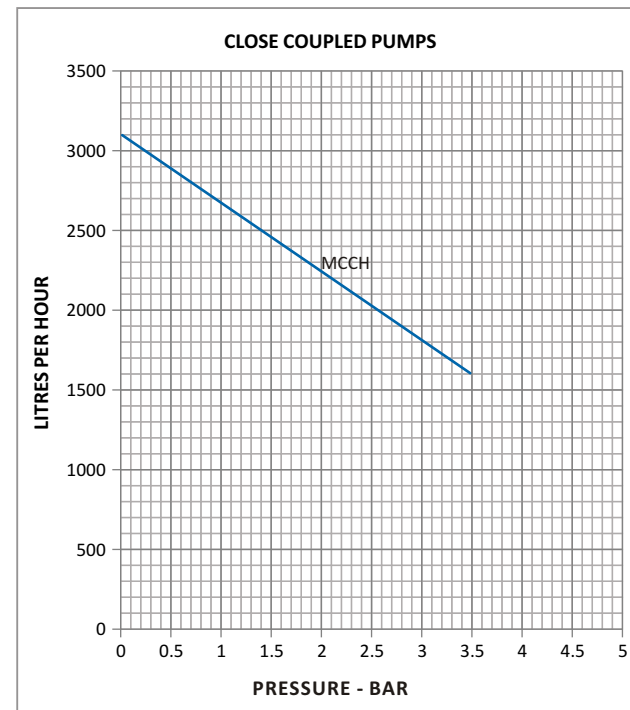


PERFORMANCE CURVES

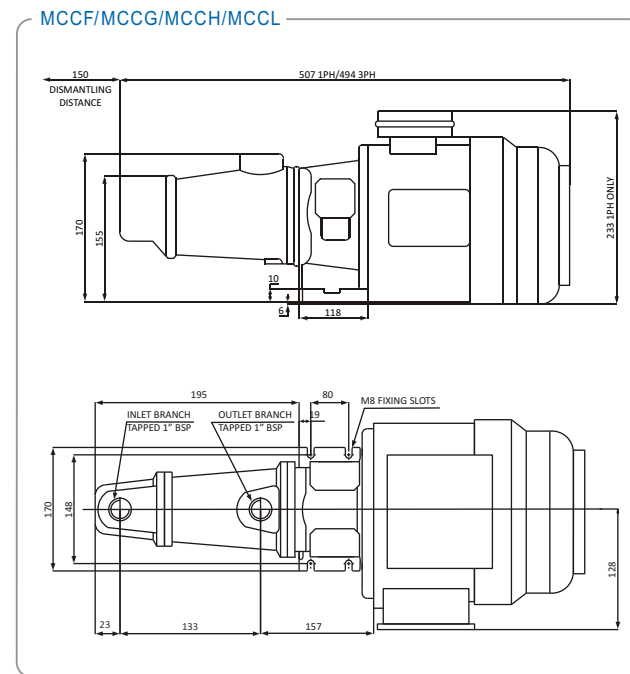
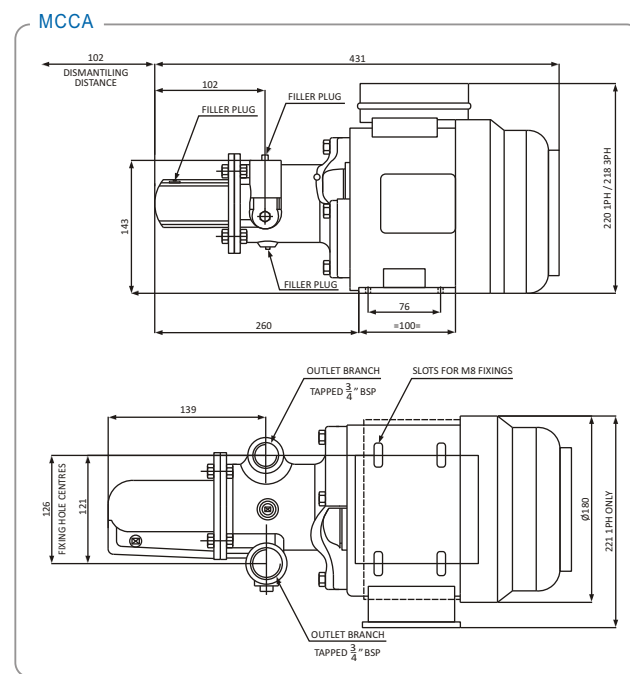


Tested on water at 20°, and 1450 rpm



Tested on water at 20°, and 2900 rpm

Dimensional details



ALL DIMENSIONS ARE IN MM

Pump Model	Port Size	Motor Rating (KW)	Voltage (V)	Frequency (Hz)	Phase	Pole	Max. Suction Lift (m)	Pump Weight (kg)
MCCA	3/4" BSP	0.18	240	50	1Φ	4	8	12
MCCF	1" BSP	0.37	115/240/415	50/60	1Φ/3Φ	4	7.5	14
MCEG	1" BSP	0.55	115/240/415	50/60	1Φ/3Φ	4	7.5	14
MCCH	1" BSP	0.75	115/240/415	50/60	1Φ/3Φ	4	7.5	15
MCL	1" BSP	0.75	115/240/415	50/60	1Φ/3Φ	2	4.5	15

Note:
 * The 6 & 8 pole motors are available as an option on the MCCF, MCEG & MCCH pumps only.
 * 115V, 415V, 50Hz & 60Hz motors are available on customer demand.



Corporate Office & Export Warehouse



Roto Manufacturing Plant



Manchester Office & Warehouse



Melbourne Office & Warehouse



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Infrastructure

Roto has strong roots in manufacturing engineering and has over the years been able to develop efficient manufacturing processes both in the field of metal cutting and rubber processing.

The present manufacturing infrastructure comprises of a facility spread over 20,000 sq.mt and deploys all modern machine tools. It has created multiple assembly sections in terms of pump sizes to meet the growing demand for its products.

The testing infrastructure comprises of both water and oil test bed facilities. The testing facility is equipped to comply with VDMA and API 676 standard. The facility can test pumps with capacity upto 1000 m³/hr and has power available upto 500KW.

Marketing & Distribution Network

Roto has rich experience of 40 years of moving fluids positively; this caplin has been realized by Roto not only in words but also in spirits. Customer Satisfaction has been one of the strongest ideologies at Roto.

While Roto enjoys a market leadership position in India, it has also been able to establish its overseas marketing offices and warehouses in Australia and United Kingdom to cater to the large European Market. It has also established prominent distributors all over Europe, Middle East, South East, Far East and North and South America too.

Quality Certifications and Registrations

Roto is known for conducting its business with integrity, for delivering high-quality pumps on time and within budget; and for our unwavering commitment to safety, health, and the environment. Our identity is derived from our people, processes, and technology.

Roto's manufacturing units are certified for conformance to the ISO 9001-2008 quality surveillance systems. More recently, we have been accredited with ATEX Certifications. We are also in the process upgrading to ISO 14001 and OHSAS 18001 (Occupation Health and Safety Environment)

Research and Development

Roto enjoys the legacy of being amongst the leading Progressive Cavity Pump manufacturers and possess deep and sound designing capabilities, which has been developed over the last 4 decades. R & D activity within Roto has led to the launch of numerous new products with some of the most distinguished features, high degree of reliability and immaculate product performance.

Roto has a battery of licenses of 3D designing software such as solid works and also deploys advances software for flow analysis, mechanical strength and cost optimisation.



Best Fit For Transfer Duties In
 Domestic & Industrial Applications



Mini Range MC - Series Pump

Roto's Compact MC Pump range has been developed for small capacity and low pressure transfer of light industrial and agricultural duties.

These pumps are widely used wherever general pumping and transfer duties call for a compact and reliable pump of rugged and simple construction.

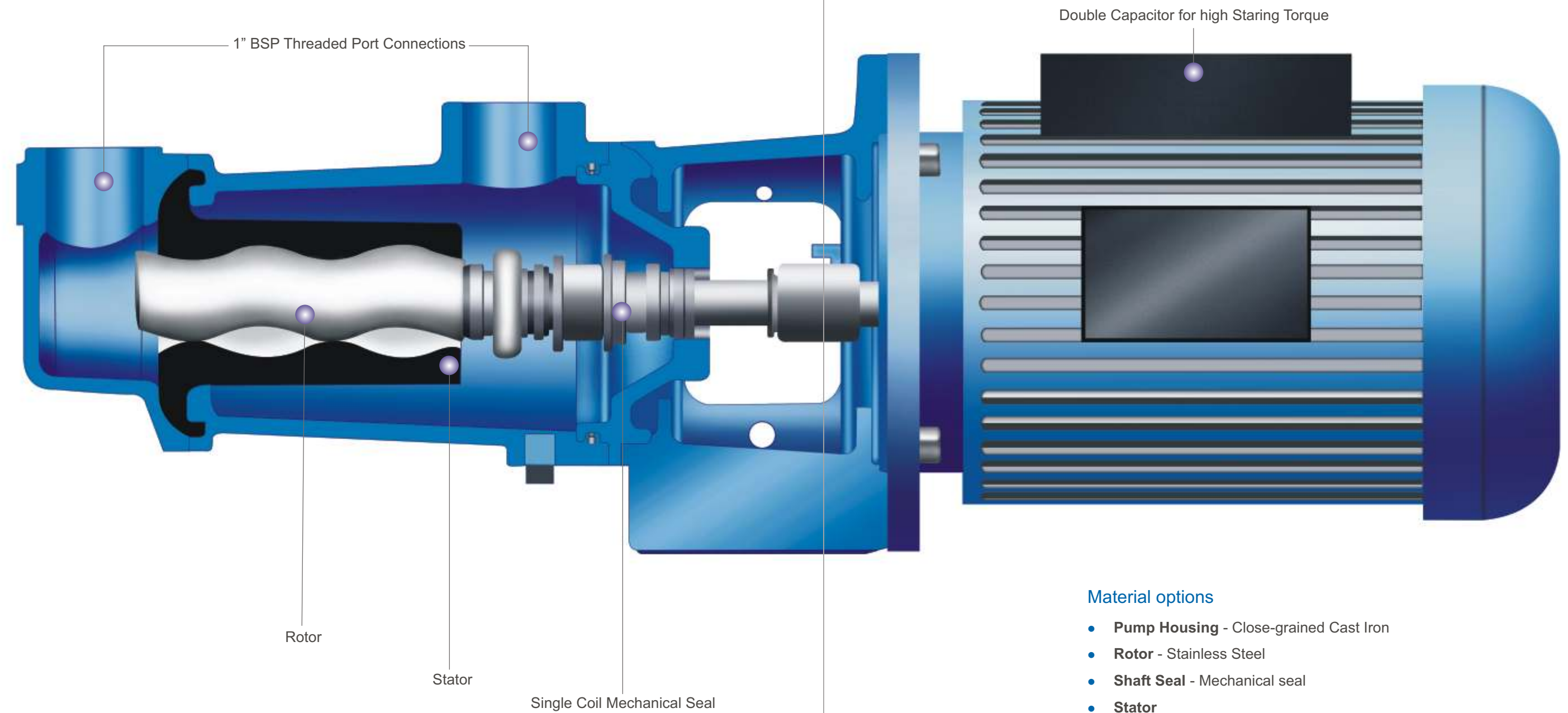
These pumps are available in 5 sizes with capacities ranging from 750 L/Hour to 3100 L/ Hour, and pressure up to 5 bar.

Distinctive Design Features and Benefits

- Flow is directly proportional to the speed
- Excellent suction lifts capability up to 8m.
- Minimal pulsation avoids damage to shear sensitive products
- Can handle liquids with fine solids
- Minimum impact with efficiencies with varying heads
- Simple in design and easy to dismantle
- Low maintenance cost

Typical applications

- Drainage Septic tank/cess pits
- Feeding to Garden sprinkler systems/irrigation
- Drawing water from wells, streams and rivers
- Diesel Transfer
- Feeding to oily water separators
- Transfer and dosing of non aggressive chemicals and alkalies
- Transfer of water based inks
- Transfer duties in food processing, winery and Vegetable oils
- Transfer of liquids with small solids in suspension
- Transfer of polyelectrolyte
- Handling surfactants and detergents



Double Capacitor for high Starting Torque

1" BSP Threaded Port Connections

Rotor

Stator

Single Coil Mechanical Seal

Material options

- **Pump Housing** - Close-grained Cast Iron
- **Rotor** - Stainless Steel
- **Shaft Seal** - Mechanical seal
- **Stator**
 - Nitrile
 - Hi-Nitrile
 - Fluoroelastomer
 - EPDM