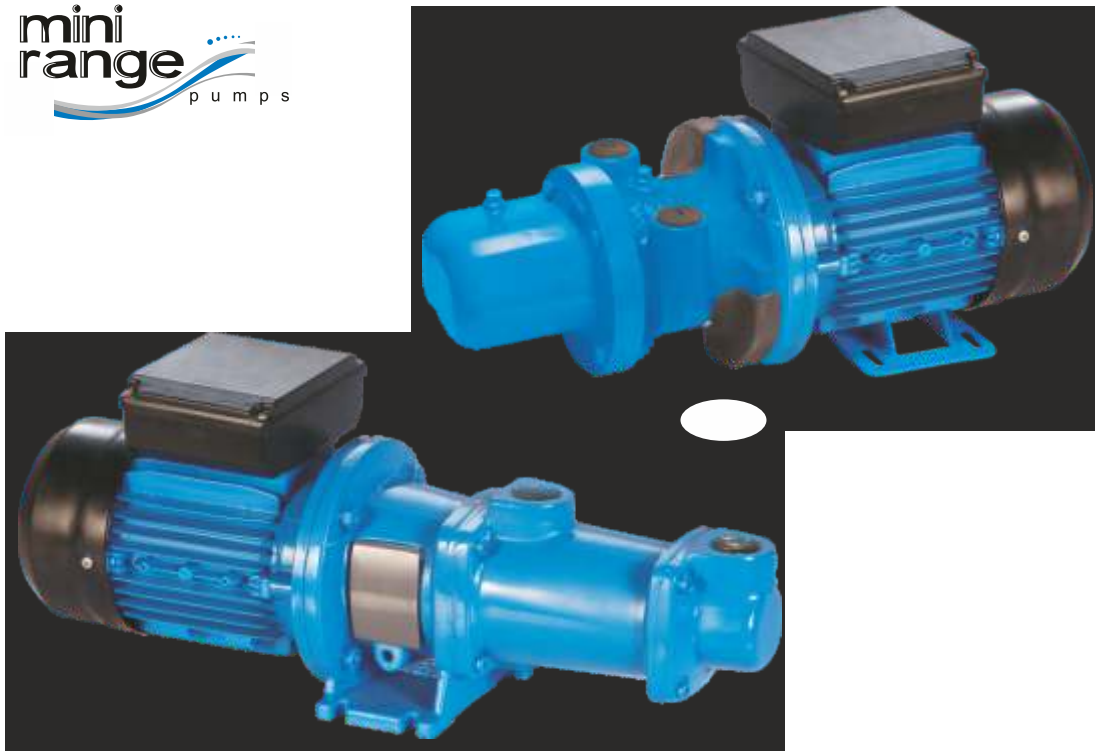


mini
range
pumps



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.

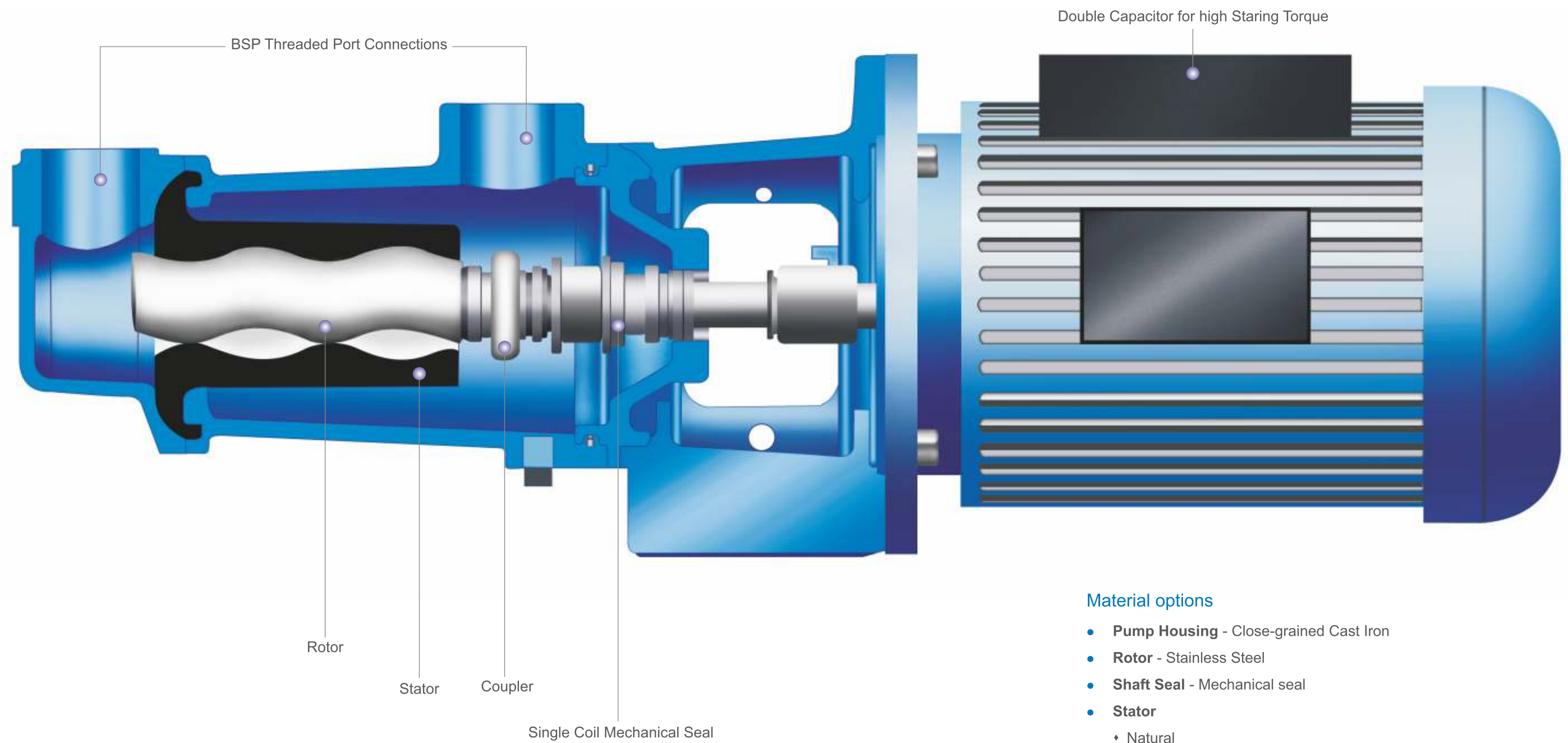
These pumps are available in 5 sizes with capacities ranging from 750 L/Hour to 3100 L/Hour and pressure up to 5 bar.

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

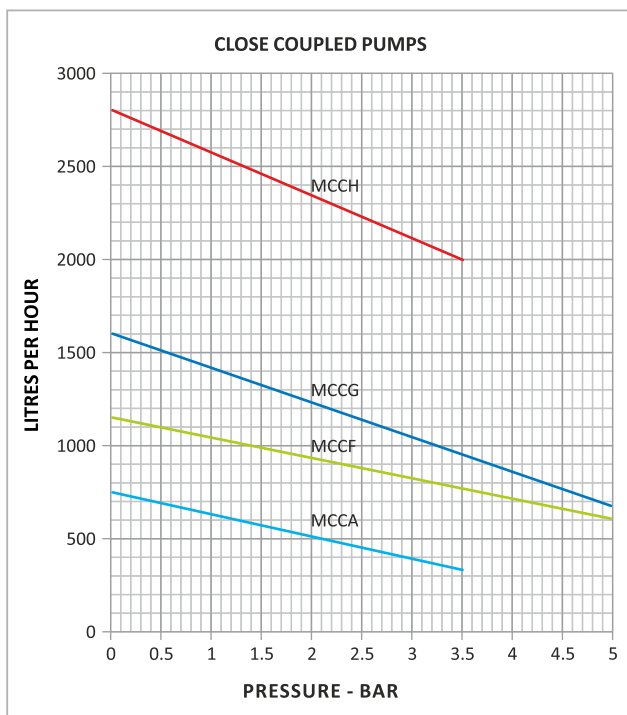
- Drainage Septic tank/cess pits
- Feeding to Garden sprinkler systems/irrigation
- Drawing water from wells, streams and rivers
- Diesel Transfer
- Feeding to oily water separators
- Transfer and dosing of non-aggressive chemicals and alkalies
- Transfer of water based inks
- Transfer duties in food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



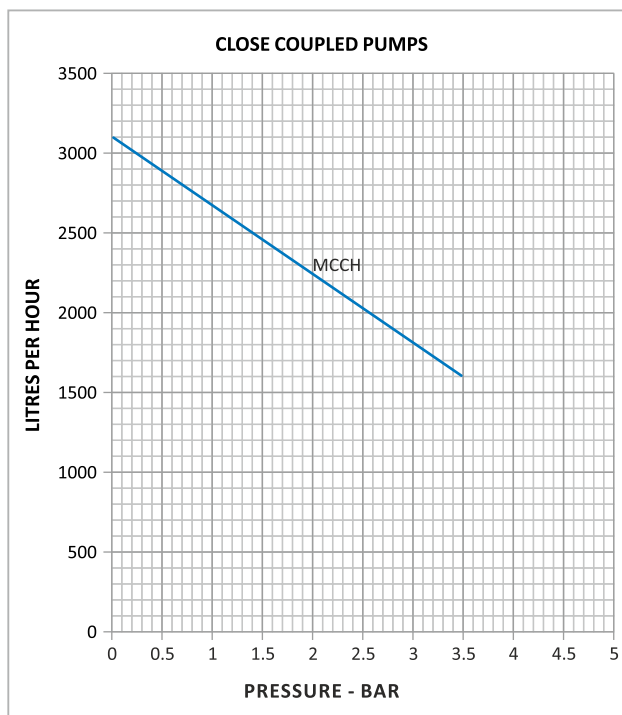
Material options

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

PERFORMANCE CURVES

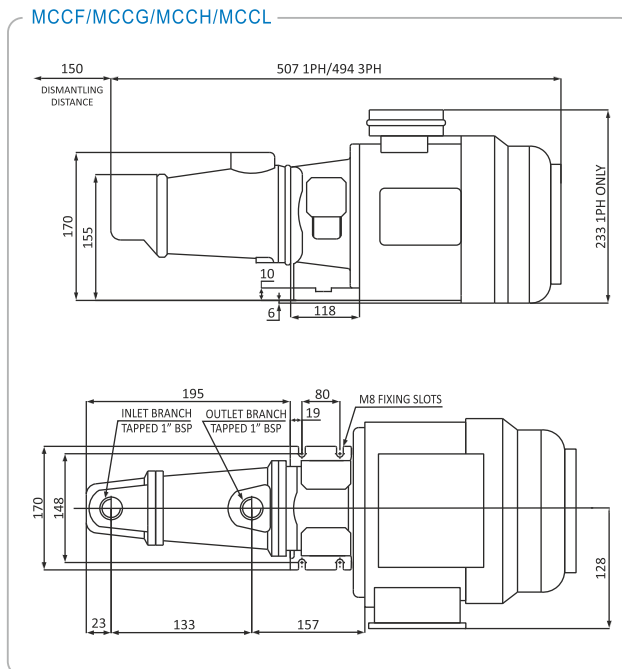
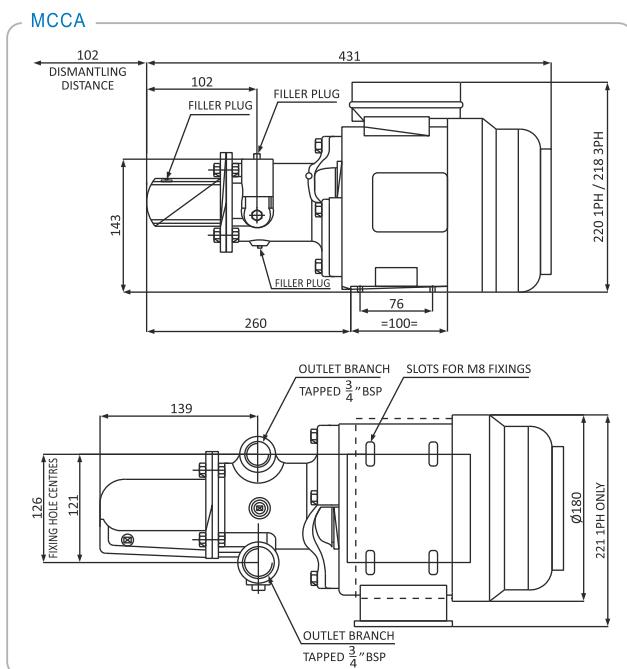


Tested on water at 20° and 1450 rpm



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 |
| MCCG | 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 |
| MCCL | 1" BSP | 0.75 | 115/240/415 | 50/60 | 1Φ/3Φ | 2 | 4.5 | 15 |

Notes:

* The 6 & 8 pole motors are available as an option on the MCCF, MCCG & MCCH pumps only.

* 115V, 415V, 50Hz & 60Hz motors are available on customer demand.



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