

COOLANT PUMPS

“PHULSONS ” range of immiscible pumps has been designed especially for filtering systems in the machine tool industry. The low-pressure pumps are available in different flow variants and come with a choice of bottom suction or top suction from the volute.

The compact coolant pumps efficiently transport liquid containing chips, fibers and abrasive particles on to the filtering unit. Semi open impellers allow the passing of chips up to 10 mm, making the pumps ideal for removing liquid from any machining process- like boring and milling to grinding.

FEATURES

- Available in very wide range.
- High flexibility of Design.
- Availability in any type of material like CI, SS-316, SS-304
- Bronze, Alloy-20 Etc.
- Balanced Shaft & Rotor with excellent grade stamping & wire so highly efficient motor
- Totally Noiseless Operation.
- Available in any length and for any Liquid.
- Extruded powder coated motor body (up to 1 hp)
- No shaft seal (100% Maintenance free)
- Semi Open Impellers (Ensure free passage of solids and chips)
- Large stock, Earliest Delivery.

HIGH - QUALITY MATERIALS

Carefully chosen materials ensure trouble free operation and long life. The top of the pump is made of cast iron, while the impeller is available in composite Bronze/aluminum/engineering plastic are used in pumps with flow up to 1000 L/min. In the bigger pumps with higher flow, impellers are made of bronze to ensure perfect resistance to abrasive materials like metal chips. As the pumped liquid will always contain oil there no risk of corrosion.

HIGH - QUALITY MATERIALS

In addition to the range for filtering systems, we offer a wide range of pumps for the cooling and cleaning of tools inside the machine. This allows our customers the benefit of convenience and time –saving one stop shopping.



TYPE OF COOLANT PUMPS

- Standard Coolant pumps.
- Coolant pumps with DC motor.
- Coolant pumps with flame proof motor.
- Coolant pumps with "C E" and "UL" Mark Motor
- Custom built coolant pumps for different lengths.
- Very high discharged pump.
- Very high head pump / High pressure pump.
- Pumps in special material like stainless steel, bronze, PP, alloy – 20 etc.
- Multistage Coolant pumps.
- Coolant pump without stem.
- Coolant pump for oil (gear type).
- Submersible Coolant pumps.



COOLANT PUMPS RANGE

- Max discharge up to 1000 LPM.
- Max pressure up to 21 bar.
- Max length up to 1500 mm.
- Max HP up to 20 HP .
- Max outlet size up to 4"
- Max temp up to 240° C .
- Max size of chips up to 15 mm.
- Material or construction
– CI / SS Alloy 20 / PP /bronze etc.

Turning	Grinding	Granite
Boring	Filtration	Fountains
Drilling	Circulation	Washing
Milling	Printing	Heat treatment
Cutting	Conveyor	Oil Transfer
Sawing	Cooling	

CUSTOM BUILT COOLANT PUMP

