

Drum transfer pump

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Delivery gun in PVD $\varnothing$ 15
Viton gaskets **Cod. 40.3529.00**

The **PT01** is a portable drum transfer pump, particularly suitable for pumping corrosive fluids, it works immersed in the liquid. Its design has been specifically designed to collect any product leaks in the drum. The **PT01** transfer pump consists of a tube float, at the end of which is housed the open impeller fixed on the drive shaft thanks to a ring nut.

Operation involves an impeller integral with the shaft, connected to the electric or pneumatic motor via a coupling joint.

The **PT01** pump must be used exclusively with the axis arranged vertically and with the pump immersed in the fluid; running dry or in the presence of bubbles can damage the shaft guide inner bushing.

- Product designed and built in Italy
- Portable
- Suitable for corrosive fluids
- Absence of mechanical seals
- Easily deassemblable

Available configurations

Pump models (Engine excluded)

CODE	MODEL	Ø DIP TUBE (mm)	Ø HOSE HOLDER (mm)	MAX. OPERATING TEMP. (°C)	LENGTH (mm)	WEI- GHT (kg)	MAX. FLOW-RATE (l/min)	LIQUID MAX. VISCOSITY (cps)
40.3519.00	Polypropylene *Shaft in Aisi/316	42	25	65	900	1,4	90	900
40.3520.00	Polypropylene *Shaft in HASTELLOY	42	25	65	900	1,4	90	900
40.3521.00	Polypropylene *Shaft in Aisi/316	42	25	65	1200	1,7	90	900
40.3522.00	Polypropylene *Shaft in HASTELLOY	42	25	65	1200	1,7	90	900
40.3523.00	PVDF	40	25	95	900	1,6	90	900
40.3524.00	PVDF	40	25	95	1200	1,9	90	900
40.3525.00	Aisi/316	42,5	25	95	900	4,3	90	900
40.3526.00	Aisi/316	42,5	25	95	1200	5,3	90	900

Pump features

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Technical features

(Propylene model)

- Polypropylene dip tube
- HASTELLOY or Aisi/316 shaft
- ECTFE impeller
- Polypropylene suction outlet
- Viton® seal gasket in contact with the fluid
- Pneumatic or electric motor
- Possibility to adjust the flow rate (only with pneumatic motor)

Technical features

(PVDF model)

- PVDF dip tube
- HASTELLOY shaft
- ECTFE impeller
- Polypropylene suction outlet
- Viton® seal gasket in contact with the fluid
- Pneumatic or electric motor
- Possibility to adjust the flow rate (only with pneumatic motor)

Technical features

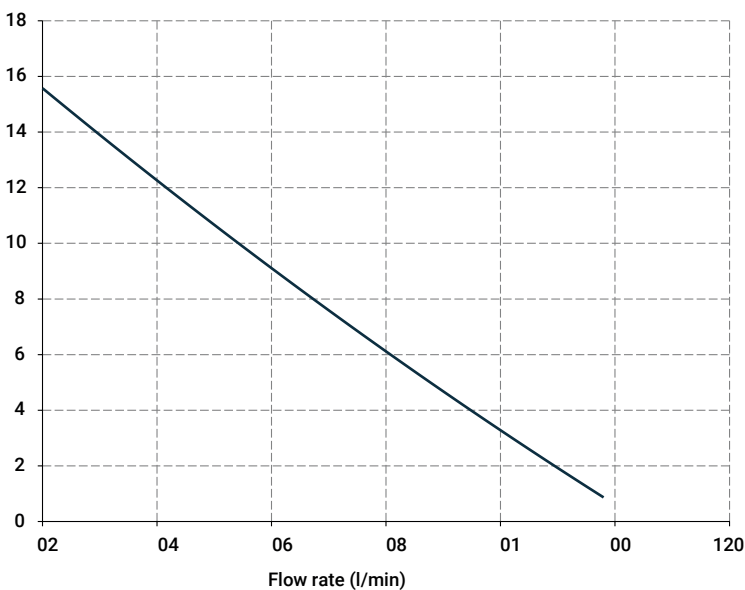
(Aisi/316 model)

- Aisi/316 dip tube
- Aisi/316 Shaft
- ECTFE impeller
- ECTFE suction outlet
- Viton® seal gasket in contact with the fluid
- Pneumatic or electric motor
- Possibility to adjust the flow rate (only with pneumatic motor)

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PT01 SERIES - ELECTRIC MOTOR - cod. 40.3517.00

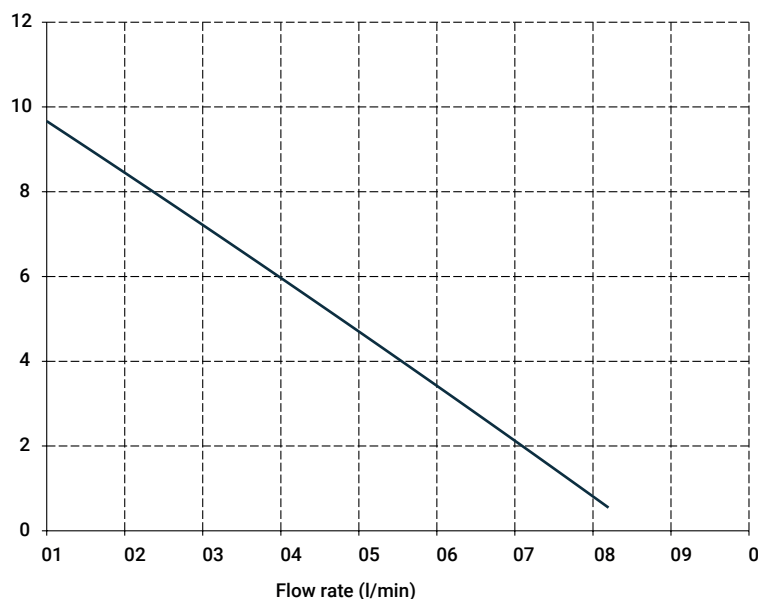
Drum transfer pumps with **800 Watt electric motor** and open impeller that allows the continuous pumping of clean corrosive fluids with apparent viscosity up to 900 cps. The pump is fitted with a safety switch to prevent any accidental restarts after a drop in the power supply



Electric motors technical features	
Power	800 Watt
Voltage	230 V monofase
RPM	10500
Protection rating	IP54
Class	F
Flow-rate	90 l/min
Viscosity	900 cps
Density	1,6 g/cm ³
Weight (Kg)	3,8
ATEX Motor	on demand

PT01 SERIE S - PNEUMATIC MOTOR - cod. 40.3518.00

Drum transfer pumps with pneumatic motor and open impeller that allows the continuous pumping of clean corrosive fluids with apparent viscosity up to 600 cps. The pump allows the flow rate adjustment.



Pneumatic motors technical features	
Pneumatic motor	Standard
Power	0,42 HP (300 Watt)
Flow rate	70 l/min
Viscosity	600 cps
Density	1,2 g/cm ³
Weight in Kg	1,1
ATEX Motor	su richiesta