

- Product designed and constructed in Italy
- Portable
- Suitable for corrosive fluids
- Possibility of adjusting the flow rate (in the version with pneumatic motor)
- No mechanical seals
- Easy to disassemble
- Viscosity up to 900 cps
- Max flow rate 90 l/minute



The drum transfer pumps consist of a dip tube, at the end of which the open impeller is fitted. It is secured to the drive shaft, connected to the pump with a ring nut. The operation consists of an impeller integrated with the shaft, connected to the electric or pneumatic motor with a coupling joint. The transfer pumps must be used exclusively vertically and with the pump immersed

in the fluid. Dry-running or the presence of air bubbles could damage the shaft guide internal bushing.

These portable drum transfer pumps are ideally suited for pumping corrosive fluids and work by being immersed in the liquid. Their construction shape has been designed to collect any product spillages in the drum.

TR PUMPS CODES ENCODING

ex. TRPH1200
TR PP, Hastelloy shaft, dip tube length 1200 mm

| TR | P | H | 1200 |
|--------------------|---|-------------------------------|--|
| PUMP MODEL | PUMP PUMP | PUMP SHAFT | LENGTH HOSE |
| TR - Drum transfer | P - Polypropylene F - PVDF A - AISI 316 | H - Hastelloy S - AISI 316 | 0700 - 700 mm * 0900 - 900 mm 1200 - 1200 mm |

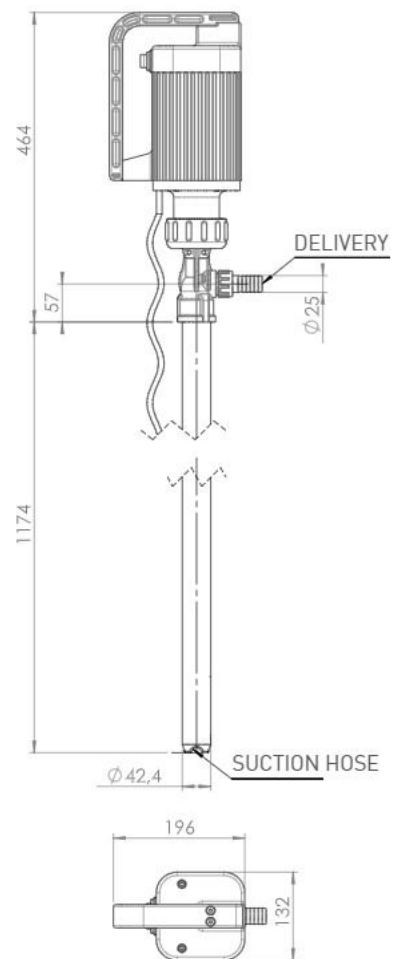
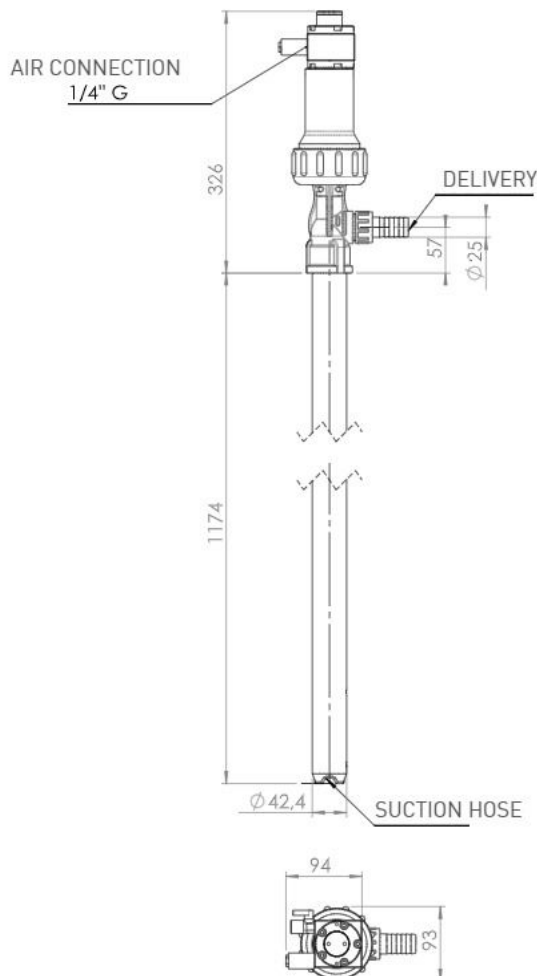
* Special version available only on request



Specifications and types

TRP - Polypropylene casing

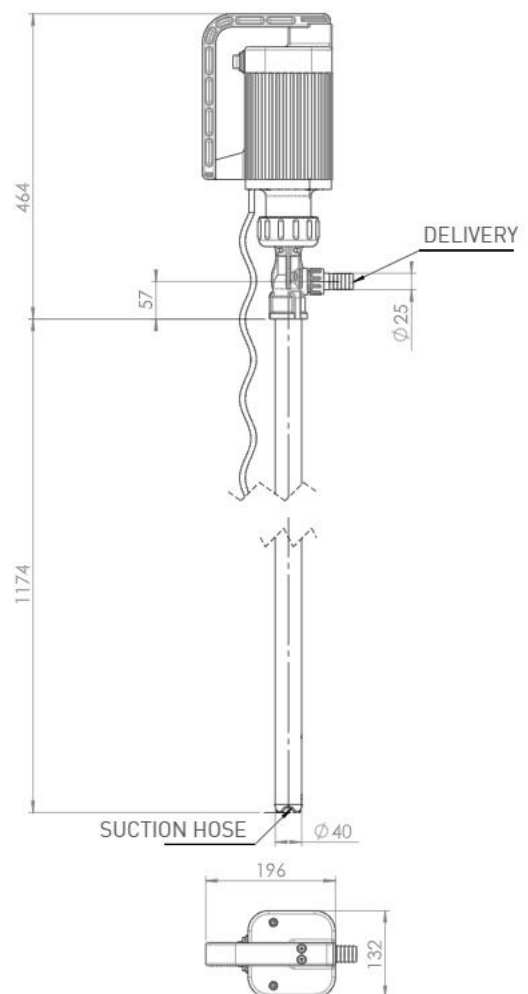
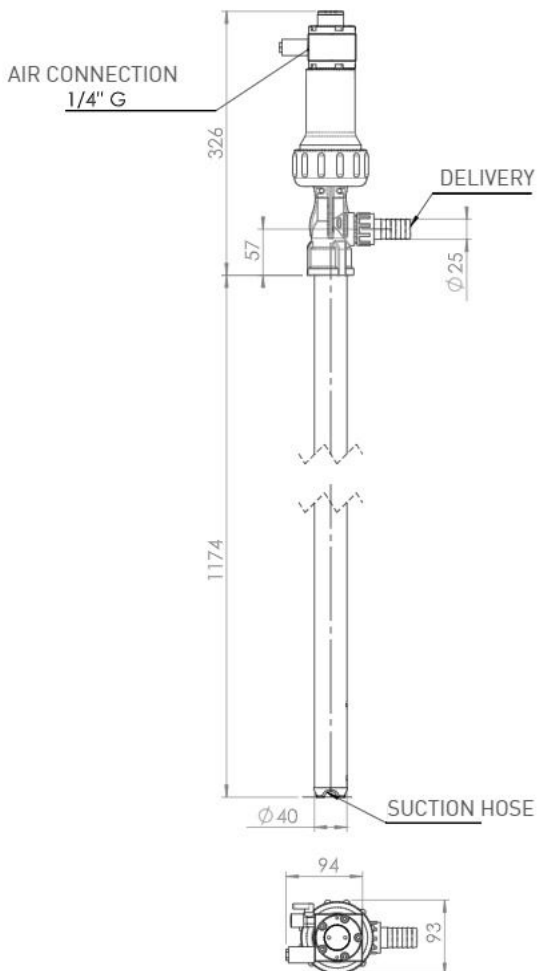
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|--|--|
| Dip tube | Ø 42 mm |
| Hose holder | Ø 25 mm |
| Max Operating temp. | 65° C |
| Total weight in Kg | 1.4 for length of 900 mm / 1.7 for length of 1200 mm |
| Material Dip tube | Polypropylene |
| Material Shaft | HASTELLOY or AISI 316 |
| Material Impeller | ECTFE |
| Material Suction outlet | Polypropylene |
| Material Seal gasket in contact with the fluid - MIM | Viton® |
| Length mm | 900 or 1200 |
| Max Operating temp. | from 3°C to 65°C |



Specifications and types

TRP - PVDF casing

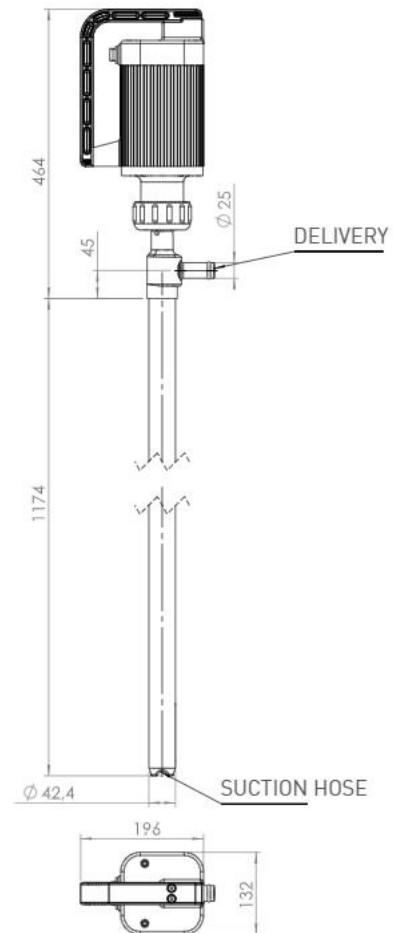
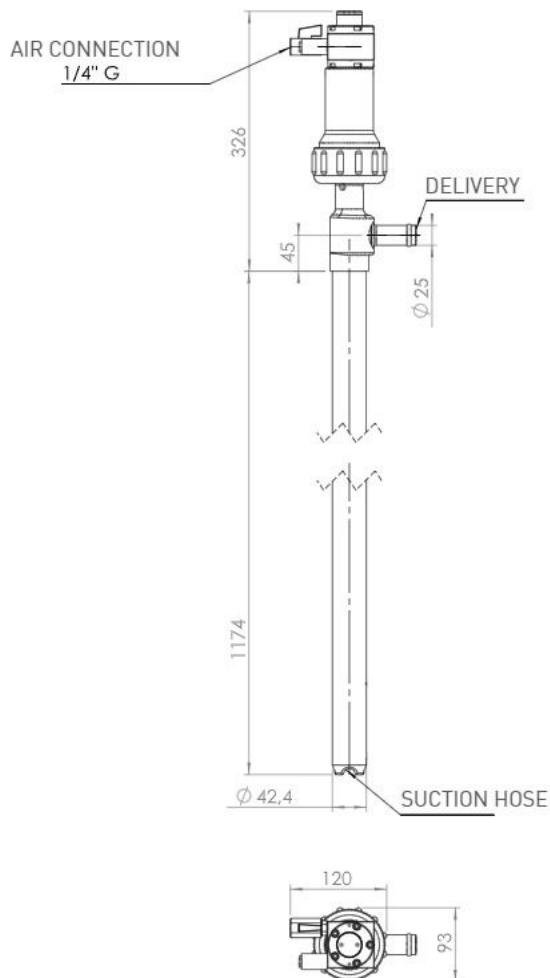
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|--|--|
| Dip tube | Ø 40 mm |
| Hose holder | Ø 25 mm |
| Max Operating temp. | 95° C |
| Total weight in Kg | 1.6 for length of 900 mm / 1.9 for length of 1200 mm |
| Material Dip tube | PVDF |
| Material Shaft | HASTELLOY |
| Material Impeller | ECTFE |
| Material Suction outlet | ECTFE |
| Material Seal gasket in contact with the fluid - MIM | Viton® |
| Length mm | 900 or 1200 |
| Max Operating temp. | from 3°C to 95°C |



Specifications and types

TRA - AISI 316 casing

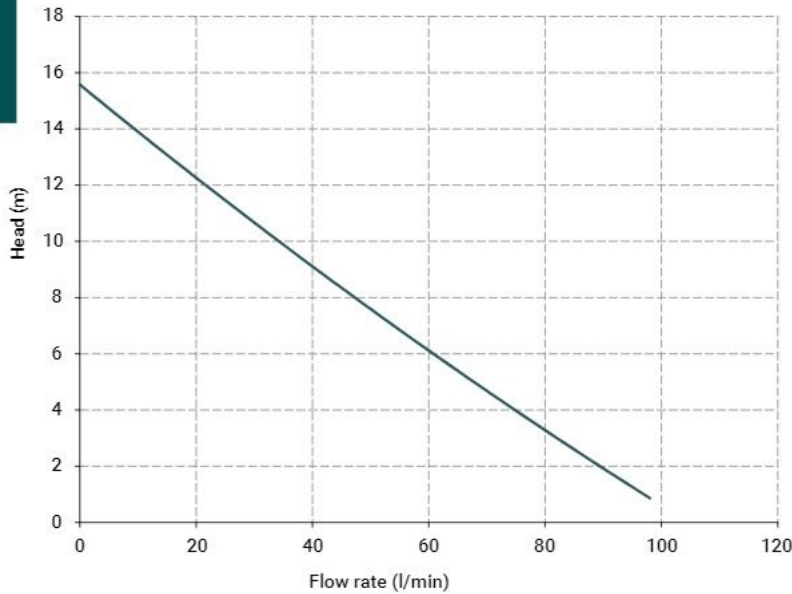
| | |
|--|--|
| Dip tube | Ø 42.5 mm |
| Hose holder | Ø 25 mm |
| Max Operating temp. | 95° C |
| Total weight in Kg | 4.3 for length of 900 mm / 5.3 for length of 1200 mm |
| Material Dip tube | AISI 316 steel |
| Material Shaft | AISI 316 steel |
| Material Impeller | ECTFE |
| Material Suction outlet | ECTFE |
| Material Seal gasket in contact with the fluid - MIM | Viton® |
| Length mm | 900 or 1200 |
| Max Operating temp. | from 3°C to 95°C |



Specifications and types

TR-EL SERIES - Electric motor

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.



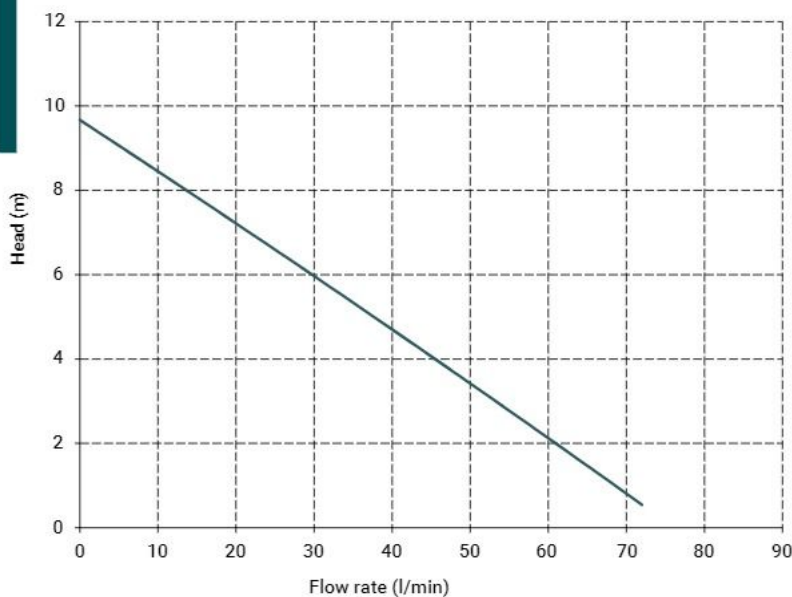
Electric motors technical specifications

| | |
|-------------------|-----------------------|
| Power | 800 Watt |
| Voltage | 230 V single-phase |
| RPM | 10500 |
| Protection rating | IP54 |
| Class | F |
| Flow rate | 90 l/minute |
| Viscosity | 900 cps |
| Density | 1.6 g/cm ³ |
| Weight in Kg | 3.8 |
| ATEX motor | on request |

(NB: The electric cable is supplied without socket)
Contact the sales office for information on the ATEX motor

TR-PM SERIES - Pneumatic motor

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.

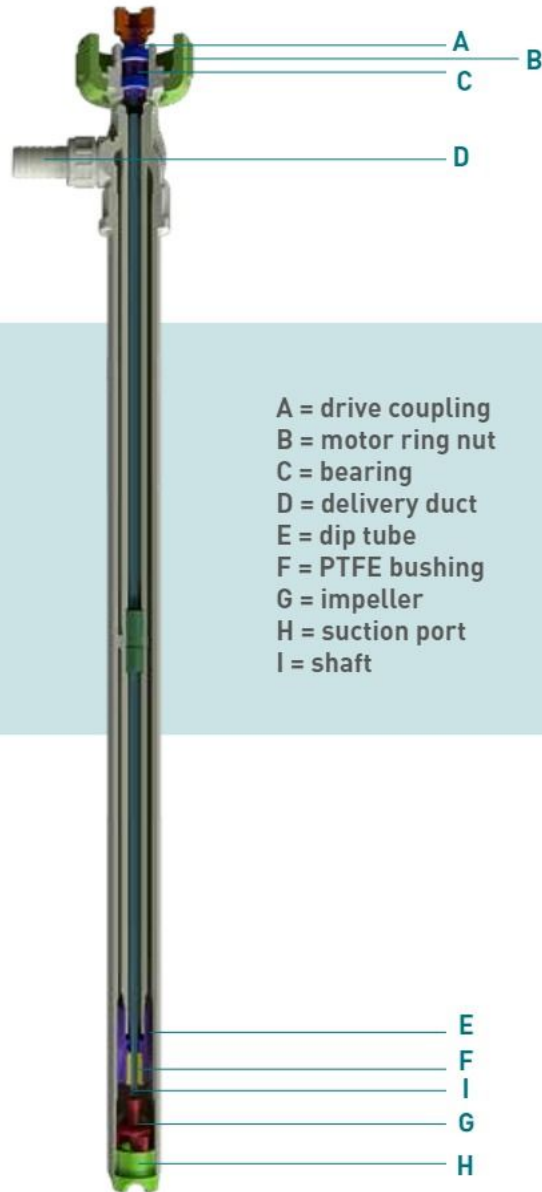


Pneumatic motors technical specifications

| | |
|-----------------|-----------------------|
| Pneumatic motor | Standard |
| Power | 0.42 HP (300 Watt) |
| Flow rate | 70 l/minute |
| Viscosity | 600 cps |
| Density | 1.2 g/cm ³ |
| Weight in Kg | 1.1 |
| ATEX motor | on request |

Contact the sales office for information on the ATEX motor

Specifications and types



- A = drive coupling
- B = motor ring nut
- C = bearing
- D = delivery duct
- E = dip tube
- F = PTFE bushing
- G = impeller
- H = suction port
- I = shaft

MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



OIL & GAS



GALVANIC AND ELECTRONIC
INDUSTRY

| | | | | |
|------------------------------|---|---|---|---|
| TRA - ELECTRIC MOTOR | ● | ● | ● | |
| TRA - PNEUMATIC MOTOR | ● | ● | ● | |
| TRF - ELECTRIC MOTOR | ● | ● | ● | ● |
| TRF - PNEUMATIC MOTOR | ● | ● | ● | ● |
| TRP - ELECTRIC MOTOR | ● | ● | ● | ● |
| TRP - PNEUMATIC MOTOR | ● | ● | ● | ● |