



Drum Pumps



Traditional drum pumps

For low viscosity liquids



Applications	PP for aggressive liquids like acids, caustics, vegetable oils, paints PVDF highly aggressive liquids like concentrated or mixed acids SS acids, caustics, fruit-juices, milk, paints, thin-bodied oils, ...
Pump tubes	Material: polypropylene (PP), polyvinylidene fluoride (PVDF), stainless steel (SS) Seal mechanical seal or sealless Immersion depth 700, 1000, 1200 mm
Motors	Electrical p310 = 520 Watt, 230 Volt / 50 Hz, 115 Volt / 60 Hz p400 = 850 Watt, 230 Volt / 50 Hz, 115 Volt / 60 Hz Pneumatical d600 = 600 Watt con aria compressa a 6 bar
Performances	Delivery rate max 150 l/min Delivery pressure max 2 bar Viscosity max 800 mPas

Pumps with ATEX motor

For inflammable liquids



Application	SS inflammable liquids
Pump tubes	Material stainless steel (SS) Seal mechanical seal or sealless Immersion depth 700, 1000, 1200 mm
Motors	Electrical Ex700 = 700 Watt, 230 Volt / 50 Hz (ATEX) Ex700 = 700 Watt, 110 Volt / 60 Hz (ATEX) Pneumatical d600 = 600 Watt with 6 bar compressed air (ATEX)
Performances	Delivery rate max 130 l/min Delivery pressure max 1,6 bar Viscosity max 800 mPas

Pumps with air-compressed motor

Compressed air driven drum pumps



Applications	PP for aggressive liquids like acids, caustics, vegetable oils, paints PVDF highly aggressive liquids like concentrated or mixed acids SS inflammable liquids, acids, caustics, fruit-juices, milk, paints
Pump tubes	Material: polypropylene (PP), polyvinylidene fluoride (PVDF), stainless steel (SS) Seal mechanical seal or sealless Immersion depth 700, 1000, 1200 mm
Motors	Pneumatical d600 = 600 Watt with 6 bar compressed air (ATEX)
Performances	Delivery rate max 90 l/min Delivery pressure max 1,1 bar Viscosity max 800 mPas

For each problem the right solution



Pumps for medium viscosity liquids

With special screw impeller



Applications	PP for aggressive medium-viscosity liquids, paints, cosmetics, oils PVDF highly aggressive liquids like concentrated or mixed acids SS paints, lacquers, oil, vegetables, cosmetics, food
Pump tubes	Material: polypropylene (PP), polyvinylidene fluoride (PVDF), stainless steel (SS) Seal mechanical seal or sealless Immersion depth 700, 1000, 1200 mm
Motors	Electrical p400 = 850 Watt, 230 Volt / 50 Hz, 115 Volt / 60 Hz pd500 = 370 Watt, 230 Volt / 50 Hz, 400 Volt / 50 Hz Pneumatical d600 = 600 Watt with 6 bar compressed air
Performances	Delivery rate max 15 l/min Delivery pressure max 1 bar Viscosity max 1500 mPas, minimum 100 mPas

Pumps for medium viscosity liquids

Eccentric screw drum pumps in stainless steel



Applications	for pumping high-viscosity liquids like resin, paints, lacquers, glue, oil, soap, shampoo, honey, sirup, tomato paste, fruit concentrate, molasse, glucose,
Pump tubes	Material Stainless Steel (SS) Seal mechanical seal or packing gland Immersion depth 1040 or 1130 mm Versions rigid coupling, quick disassemble and hygienic
Motors	Electrical from 0,37 to 1,1 kW Pneumatical from 0,8 to 1,1 kW
Performances	Delivery rate max 50 l/min Delivery pressure max 12 bar Viscosity max 100.000 mPas

Laboratory pumps

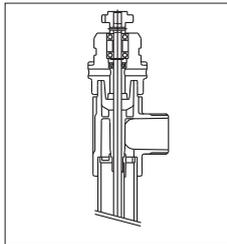
New - Low flow rate pumps, lighter and easier to use.



Applications	General: non inflammable liquids, acids and basis low concentrated, fluids of medium viscosity (colours, emulsions, dispersions, suspensions, oils) Extra liquids: inflammable liquids when ATEX is not required (special laboratory conditions) pumping heavy and viscous liquids only in small
Pump Tubes	Materials: polipropilene (PP) Immersion depth 500, 700, 1000 mm
Motors	electric: 160 W, 230 Volt / 50 Hz
Performances	Portata max 30 l/min



Mechanical seal



Sealless

Sealing system

- With mechanical seal
- Special sealless system



Screw impeller



Multistage impeller

Special impellers

- Screw impeller for viscous liquids
- Multistage impeller, for higher pressure



Quick release coupling



Magnetic coupling

Coupling systems

- Quick release coupling
- Magnetic coupling



Rigid connection



Quick release coupling

Eccentric screw pump

- for high viscosity liquids
- also available in hygienic version



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