

MULTISTAGE CENTRIFUGAL PUMP

The horizontal multistage centrifugal MP pumps are suitable for developing a considerable pressure and flow rate with extremely silent operation and with a minimum electrical energy consumption.

- AISI 304 STAINLESS STEEL OUTER SHELL
- CAST IRON MOTOR BRACKET AND SUCTION FLANGE
- SUITABLE FOR CONTINUOUS USE
- DESIGNED FOR MINIMAL ELECTRICAL CONSUMPTION AND QUIET OPERATION



Applications

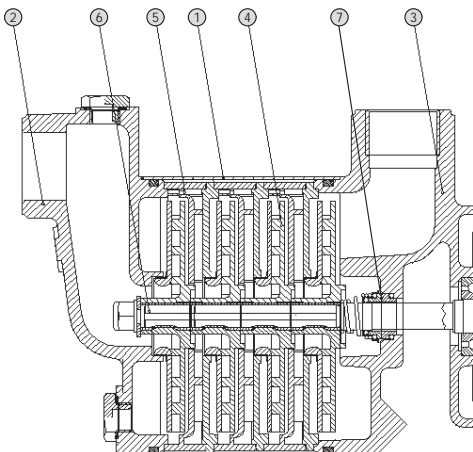
- Pumping and distribution of water in domestic systems.
- Booster systems.
- Firefighting systems .
- Washing systems.
- Irrigation

Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material.
- Maximum liquid temperature 50 °C.
- Maximum recommended suction height 6m with foot valve.
- Maximum operating pressure 9 bar.

Motor

- Enclosed, externally ventilated.
- Level of protection IP 44.
- Class F insulation.
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding.
- Three phase power supply with external protection provided by the user.
- Speed of rotation 2850 rpm.
- Suitable for continuous use.



DESIGN FEATURES

Component	Material
1 Outer liner (pump body)	X5 CrNi 1810 (AISI 304) Stainless steel
2 Suction flange	EN GJL 200 (ex G20) Cast iron
3 Motor bracket	EN GJL 200 (ex G20) Cast iron
4 Impeller	Technopolymer with stainless steel shim ring
5 Diffuser	Technopolymer
6 Shaft (hydraulic end)	X5 CrNi 1810 (AISI 304) Stainless steel
7 Mechanical seal	Graphite/Ceramic

