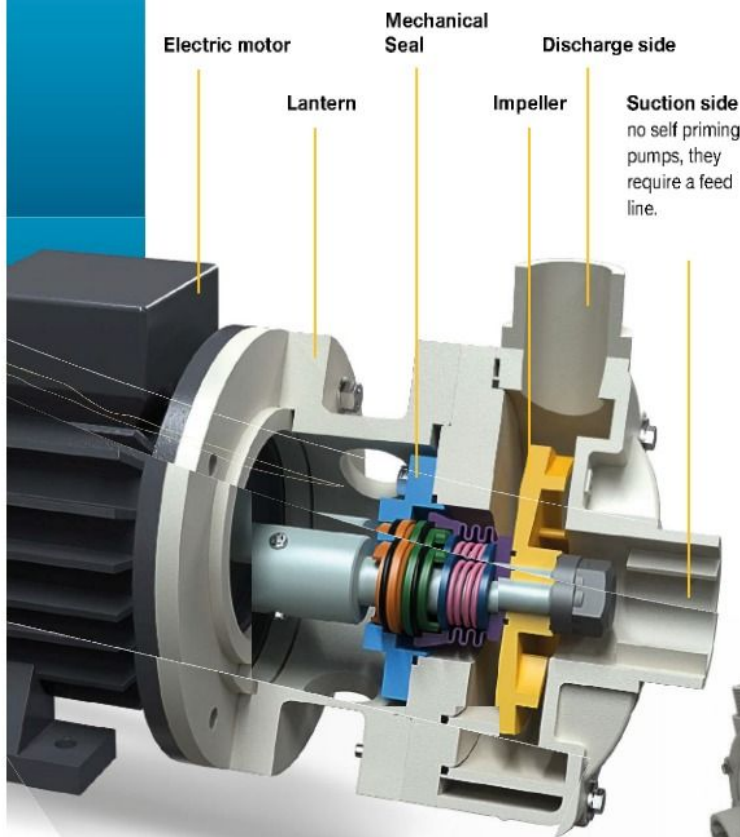


JP-840

HORIZONTAL CENTRIFUGAL PUMPS

Especially suitable for high aggressive media like acids and alkalies.

- These horizontal centrifugal pumps are operated by a direct-drive motor (max. 3.000 rpm). They are especially suitable for a fast transfer of chemicals when emptying containers or tanks as well as for applications when a medium has to be pumped in circulation.
- The JP-840 series offers several pump sizes with **flow rates from 6 to 75 m³/h and head from 7,2 to 38 m**. Their special construction with an open-impeller allows even the pumping of extremely dirty liquids or media containing small solids. The maximum viscosity for these centrifugal pumps is 500 mPas (at 20 °C) and the maximum temperature of the medium 65 °C at PP or 95 °C at PVDF.
- Depending on the application there are two versions available with different internal seals (lip seal or bellow-type seal). The availability of different materials of construction, depending on chemical and thermal resistance of medium or environment, guarantees an absolute reliability of operation and a long lifetime of pump.



► **Pump principle:** The impeller is connected over the shaft with the direct-drive electric motor. It rotates at a preset speed and produces a centrifugal effect (suction on the inlet and discharge on the outlet).



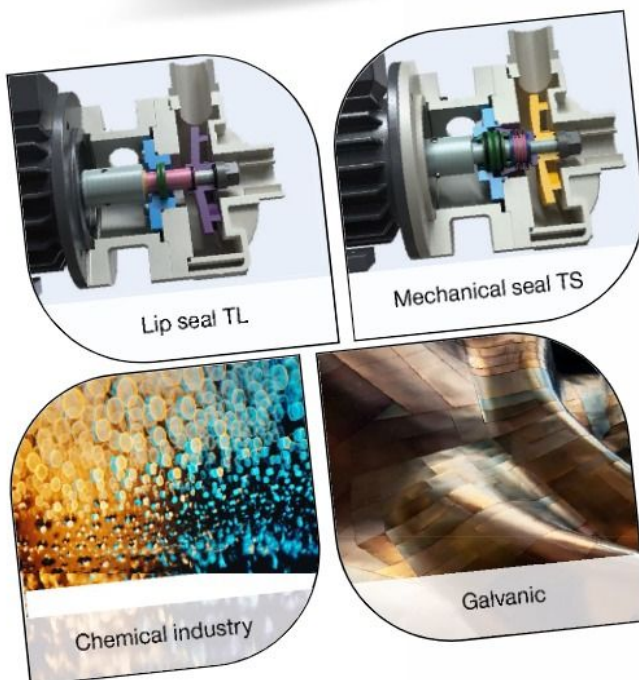
JP-840

HORIZONTAL CENTRIFUGAL PUMPS

The special advantages.

- High chemical and thermal resistance.
- Space saving and robust construction.
- Suitability for **continuous operation**.
- Weldless construction and therefore absolute reliability of operation.
- Applicability even with extremely dirty liquids or **media containing small solids**.
- Sealing via lip seal or bellow type seal.
- Quick and easy maintenance like changing the bearing bushings.
- Inexpensive spare parts.

► Installation of a horizontal centrifugal pump



Technical data	
Executions in Polypropylene and PVDF.	✓
Flow rates from 6 to 75 m ³ /h.	✓
Head from 7,2 to 38 m.	✓
Viscosities up to 500 mPas (at 20 °C).	✓
Temperatures at PP max. 65 °C, at PVDF max. 95 °C.	✓
Positive suction head operation needed (no self priming pumps).	✓
Three-phase motor, 230/400 Volt, 50 Hz, IP55, F Class, 2-poles, 2900 rpm.	✓

JP-840

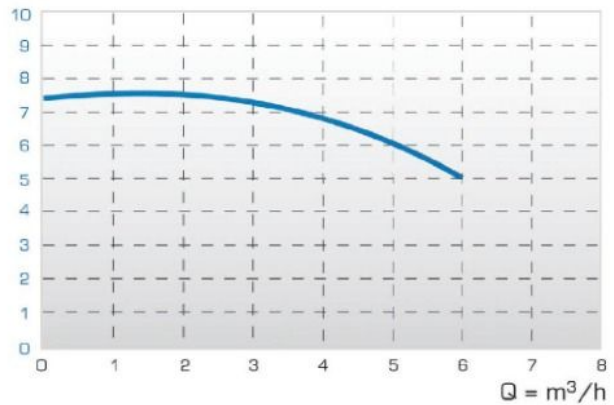
HORIZONTAL CENTRIFUGAL PUMPS

JP-840.80



Technical data

Max. flow rate 6 m ³ /h
Max. head 7,5 m
Max. viscosity 500 mPas
Max. diameter for solids 5 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 1½" f or DN 40 Flange
Discharge side G 1" m or DN 25 Flange
Motor power 0,37 kW
Lip seal or bellow-type seal
Dimension drawings on request

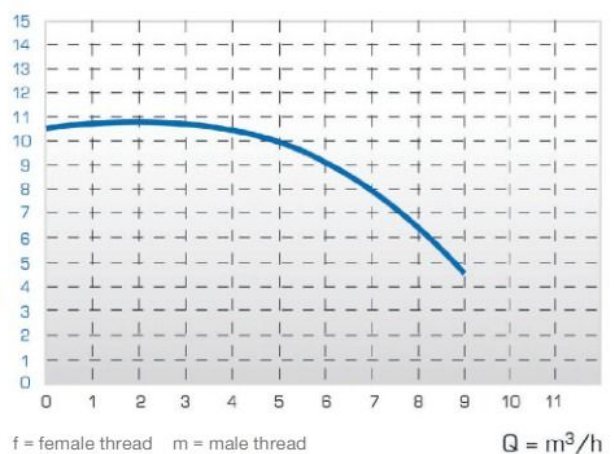


JP-840.100



Technical data

Max. flow rate 9 m ³ /h
Max. head 10,5 m
Max. viscosity 500 mPas
Max. diameter for solids 7 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 1½" f or DN 40 Flange
Discharge side G 1" m or DN 25 Flange
Motor power 0,55 kW
Lip seal or bellow-type seal
Dimension drawings on request

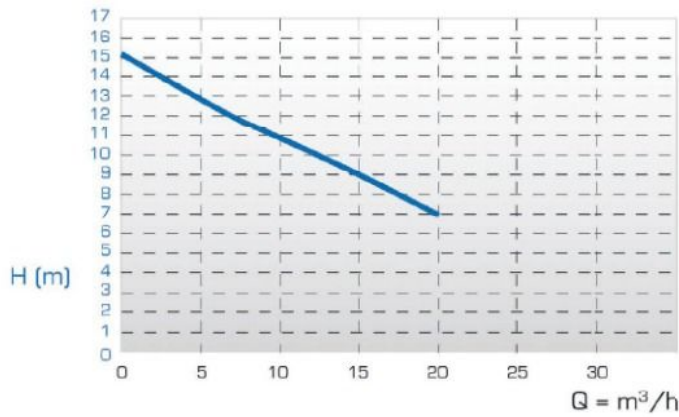


JP-840

HORIZONTAL CENTRIFUGAL PUMPS

Technical data

Max. flow rate 20 m ³ /h
Max. head 15 m
Max. viscosity 500 mPas
Max. diameter for solids 2 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2" f or DN 50 Flange
Discharge side G 1½" m or DN 40 Flange
Motor power 1,1 kW
Lip seal or bellow-type seal
Dimension drawings on request

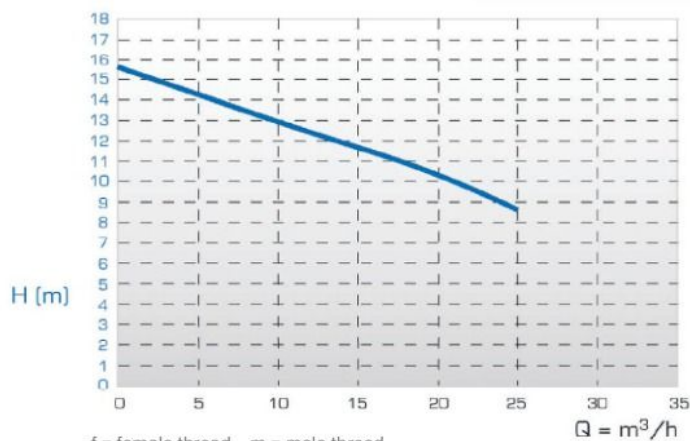


JP-820.110



Technical data

Max. flow rate 25 m ³ /h
Max. head 15 m
Max. viscosity 500 mPas
Max. diameter for solids 6 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2" f or DN 50 Flange
Discharge side G 1½" m or DN 40 Flange
Motor power 1,5 kW
Lip seal or bellow-type seal
Dimension drawings on request



JP-820.120



f = female thread m = male thread

JP-840

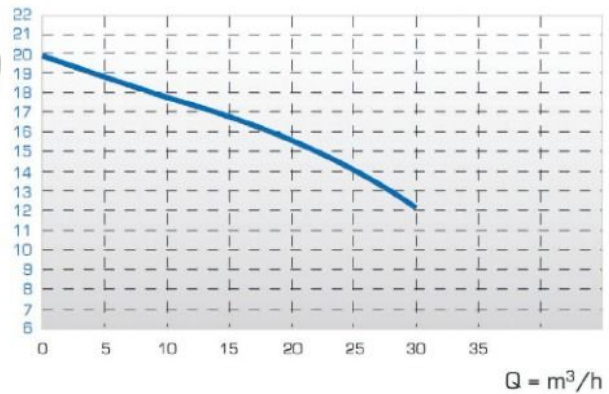
HORIZONTAL CENTRIFUGAL PUMPS

JP-840.130



Technical data

- Max. flow rate 30 m³/h
- Max. head 20 m
- Max. viscosity 500 mPas
- Max. diameter for solids 6 mm
- Max. temperature at PP 65 °C, at PVDF 95 °C
- Suction side G 2" m or DN 50 Flange
- Discharge side G 1½" m or DN 40 Flange
- Motor power 2,2 kW
- Lip seal or bellow-type seal
- Dimension drawings on request

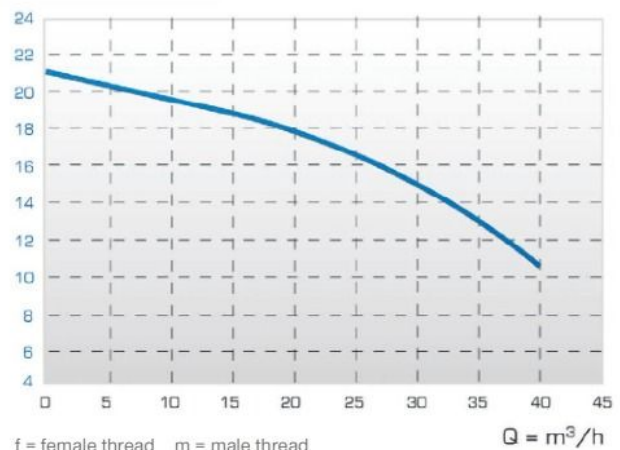


JP-840.140



Technical data

- Max. flow rate 40 m³/h
- Max. head 21 m
- Max. viscosity 500 mPas
- Max. diameter for solids 12 mm
- Max. temperature at PP 65 °C, at PVDF 95 °C
- Suction side G 2" m or DN 50 Flange
- Discharge side G 1½" m or DN 40 Flange
- Motor power 3 kW
- Lip seal or bellow-type seal
- Dimension drawings on request

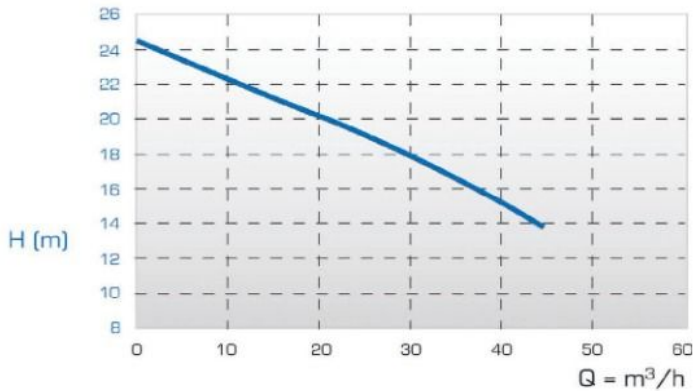


JP-840

HORIZONTAL CENTRIFUGAL PUMPS

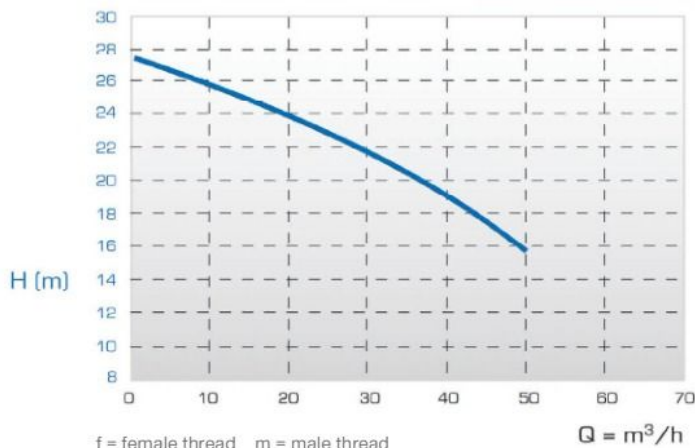
Technical data

Max. flow rate 42 m ³ /h
Max. head 24 m
Max. viscosity 500 mPas
Max. diameter for solids 2 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2½" f or DN 65 Flange
Discharge side G 2" m or DN 50 Flange
Motor power 4 kW
Lip seal or bellow-type seal
Dimension drawings on request



Technical data

Max. flow rate 27 m ³ /h
Max. head 50 m
Max. viscosity 500 mPas
Max. diameter for solids 3 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2½" f or DN 65 Flange
Discharge side G 2" m or DN 50 Flange
Motor power 5,5 kW
Lip seal or bellow-type seal
Dimension drawings on request



f = female thread m = male thread

JP-820.150



JP-820.155



JP-840

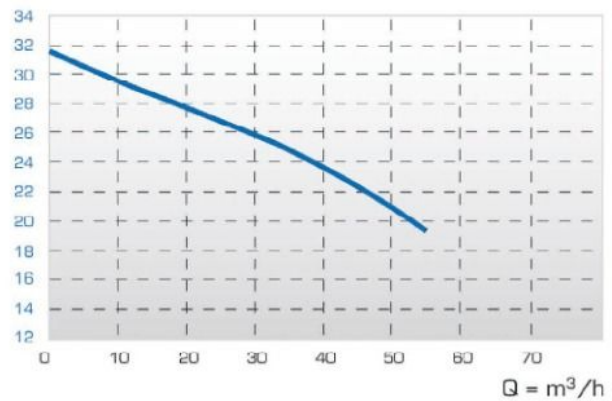
HORIZONTAL CENTRIFUGAL PUMPS

JP-840.160



Technical data

Max. flow rate 55 m ³ /h
Max. head 32 m
Max. viscosity 500 mPas
Max. diameter for solids 9 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2½" f or DN 65 Flange
Discharge side G 2" m or DN 50 Flange
Motor power 7,5 kW
Lip seal or bellow-type seal
Dimension drawings on request

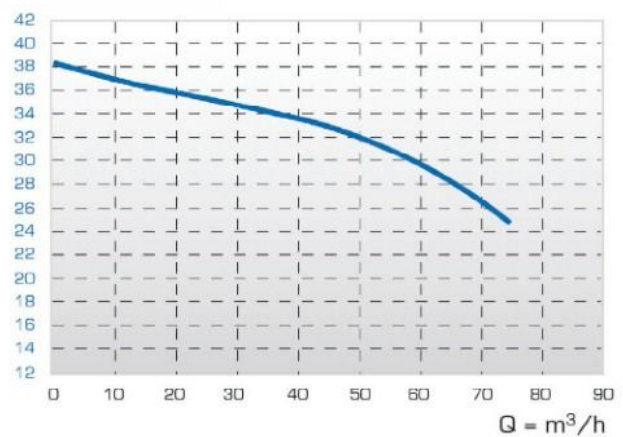


JP-840.180



Technical data

Max. flow rate 75 m ³ /h
Max. head 38 m
Max. viscosity 500 mPas
Max. diameter for solids 9 mm
Max. temperature at PP 65 °C, at PVDF 95 °C
Suction side G 2½" f or DN 65 Flange
Discharge side G 2" m or DN 50 Flange
Motor power 11 kW
Lip seal or bellow-type seal
Dimension drawings on request



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