

Applications

Water supply and pressure boosting
Air-conditioning
Water treatment
Heating and cooling in industrial processes
Industrial washing and dish-washing machines
softened water
Pressure boosting of process water
Fertilizer/dosing systems



Pump

A horizontal, multistage centrifugal pump is made of stainless steel. The pump is a non-self priming type and fitted with a mechanical shaft seal.

Connection \ Pump	HBI(N) 2	HBI(N) 4	HBI(N) 8	HBI(N) 12
Suction port	Rp 1	Rp1 1/4	Rp 1 1/2	Rp 1 1/2
Discharge port	Rp 1	Rp1 1/4	Rp 1 1/2	Rp 1 1/2
Drain hole, priming hole	G 3/8	G 3/8	G 3/8	G 3/8

Motor

Totally enclosed and fan-cooled standard motor.

Standard voltages: 50HZ 1Ø 0.5HP~3.0HP 220~240V 50HZ 3Ø 0.5HP~4.0HP 220~240V/380~415V

60HZ 1Ø 0.5HP~1.0HP 110/220V 60HZ 3Ø 0.5HP~1.5HP 220~255V/380~440V
0.5HP~3.0HP 220~240V 2.0HP~4.0HP 220~277V/380~480V

Insulation class: F

Enclosure class: IP54

Operating conditions

Liquid temperature range: 0°C ~+110°C

Maximum ambient temperature: +40°C

Maximum operating pressure: 10 kg./cm².

Maximum inlet pressure is limited by maximum operating pressure.

Liquids to be pumped

These pumps are designed for pumping freely flowing non-corrosive, non-explosive, and non-flammable liquids. The liquids to be pumped must also be free of solid matter, sands, fibers, and similar materials.

Most common non-highly corrosive watery liquids, oily liquids, hot and cold liquids can be pumped with these pumps.

The suitability of these pumps for pumping any particular liquid depends upon a number of factors, such as the pH value, contents of chemicals such as chlorides, oils, the temperature of the liquids, etc.. Please contact your distributor or the factory if there are any questions as to whether certain liquids are suitable for pumping with these pumps.