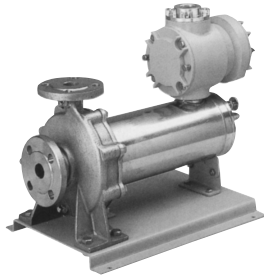


## SEAL-LESS PUMPS

**SXB**

**SXB**



### APPLICATIONS

- Chemical plant
- Other industries

### FEATURES

- A non-shaft seal and non-lubricant system simplifies maintenance.
- Electric bearing wear sensor detects so that bearings can be seen at a glance during the changing time even after parts have been changed, the bearing sensor can be used .
- So safety and cleanliness can be maintained.
- Integrated pump and motor structure for compactness and light weight, and no need for alignment.
- Sealed motor structure for quiet operation.
- Foot support casing withstands piping loads.

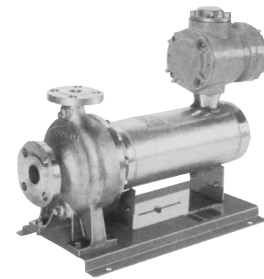
### SPECIFICATIONS

Liquid handled	Water, process liquid	
Temperature	-30~100°C (d.G.) -30~80°C (d.G.)	
Viscosity	100mPa·s(100cP) and below	
Density	700kg/m <sup>3</sup> and above	
Max. working pressure	1MPa(10.2kgf/cm <sup>2</sup> )	
Construction	Impeller	Closed
	Bearing	Sleeve bearings/thrust disk
Materials	Casing	SCS13, SCS14
	Impeller	SCS13, SCS14
	Shaft	SUS304, SUS316
Flange	JIS10K, ANSI150lb, JPH150lb	
Motor	Type	Explosion proof motor (d.G., d.G.)
	Pole	2Pole
	Phase-Voltage	3-Phase200/220, 400/440V

## SEAL-LESS PUMPS (HIGH TEMPERATURE AND PRESSURE)

**SXH**

**SXH**



### APPLICATIONS

- Chemical plant
- Other industries

### FEATURES

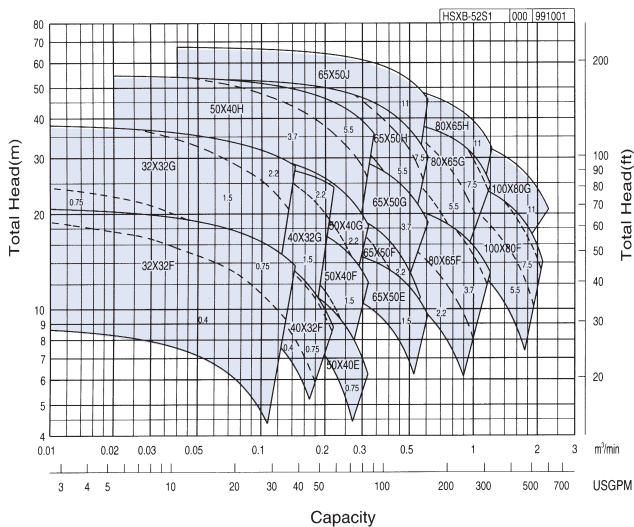
- Cooling not required up to 130°(d.G.)
- A non-shaft seal and non-lubricant system simplifies maintenance.
- Electric bearing wear sensor detects so that bearings can be seen at a glance during the changing time even after parts have been changed, the bearing sensor can be used .
- Handled liquid does not leak to outside, so safety and cleanliness can be maintained.
- Integrated pump and motor structure for compactness and light weight, and no need for alignment.
- Sealed motor structure for quiet operation.
- Foot support casing withstands piping loads.

### SPECIFICATIONS

Liquid handled	Liquefied gas, process liquid	
Temperature	-50~155°C (d.G.) -50~105°C (d.G.)	
Viscosity	100mPa·s(100cP) and below	
Density	600kg/m <sup>3</sup> and above	
Max working pressure	2.45MPa(25kgf/cm <sup>2</sup> )	
Construction	Impeller	Closed
	Bearing	Sleeve bearings/thrust disk
Materials	Casing	SCS14, SCS13
	Impeller	SCS14, SCS13
	Shaft	SUS316, SUS304
Flange	JIS20K, ANSI300lb	
Motor	Type	Explosion proof motor (d.G., d.G.)
	Pole	2Pole
	Phase-Voltage	3-Phase200/220, 400/440V

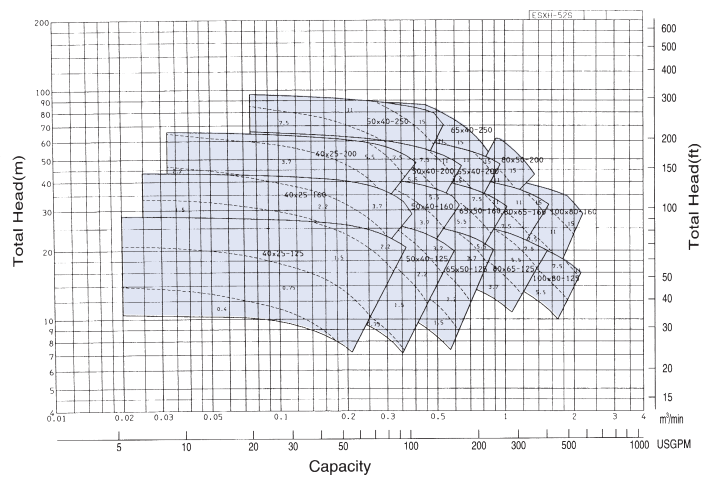
## SELECTION CHART

50Hz 2pole[Synchronous speed:3000min<sup>-1</sup>]



## SELECTION CHART

50Hz 2pole[Synchronous speed:3000min<sup>-1</sup>]



Notes: The selection chart applies to the following conditions:density=1000kg/m<sup>3</sup>, viscosity=1.0mPa·s(1.0cP). Different density and viscosity from water may require different model sizes and outputs. Contact your service representative for more information.