

# Horizontal End-Suction Pumps

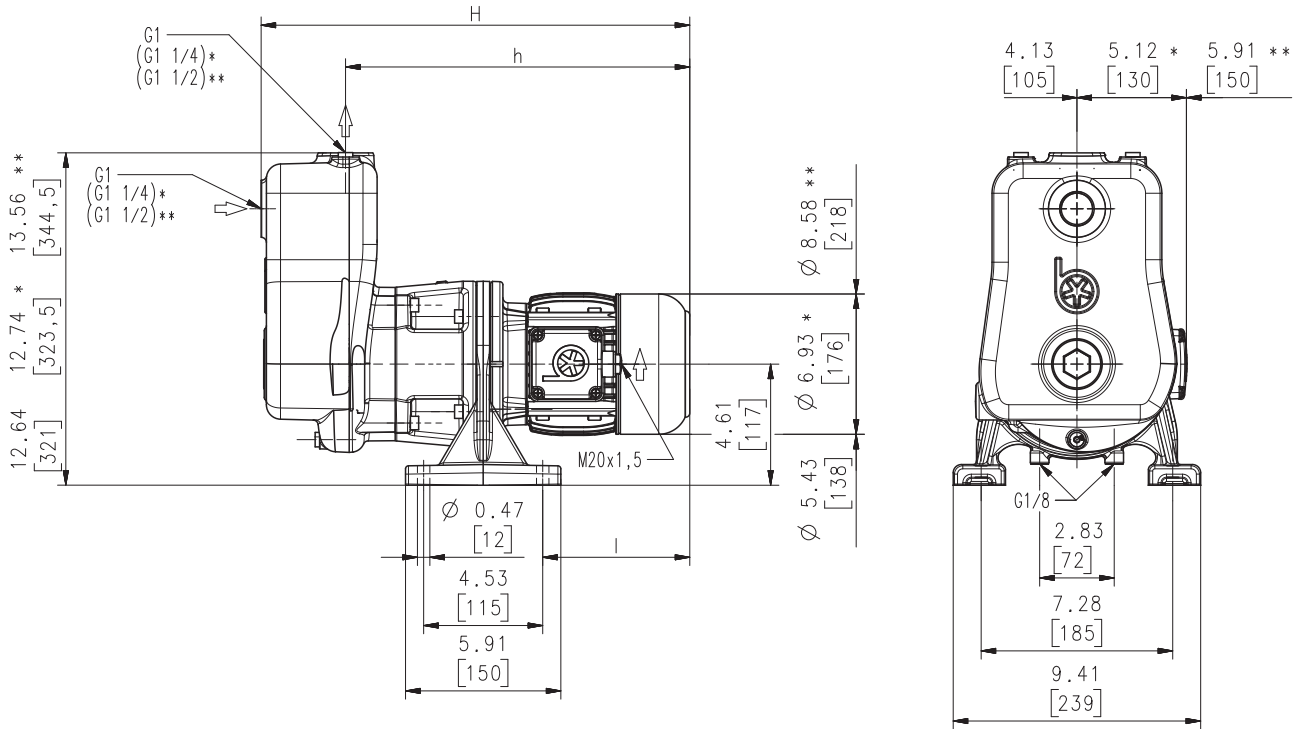
## SBM140S...450S

Semi-open impellers



60 Hz

### SBM140S...450S



Dimensions in Inches / mm  
 \*) Dimensions SBM315S  
 \*\*) Dimensions SBM450S

Type	Flow at head	Dimensions		Length		Weight		Power	Voltage 3~	Fre- quen- cy	Current	Speed		
	GPM /Feet l/min /m	H inch	H mm	h inch	h mm	l Inch	l mm						Lbs	kg
SBM140S	40/36	18.1	461	14.8	375	7.2	184	63.9	29	1.4	230	60	4.2	3440
	120/12									1.06	460	60	2.1	3440
SBM315S	60/47	21.3	542	17.5	444	10.1	256	101.4	46	2.6	230	60	7.0	3480
	240/14									1.95	460	60	3.5	3480
SBM450S	80/72	24.6	625	20.3	515	12.9	328	121.3	55	5.1	230	60	12.8	3520
	270/24									3.8	460	60	6.4	3520



**Horizontal End-Suction Pumps**

are centrifugal inline pumps with a compact design where the impeller is mounted onto the extended motor shaft.

These pumps are **self-priming after initial filling.**

All pumps are equipped with a single mechanical seal.

SBM Pumps are mounted **next to or on top** of the tank and they are suitable for pumping **air entrained coolant fluids**, such as **water-soluble coolants or cutting oils**, as they occur in **high speed turning, milling or grinding applications.**

For more information see mechanical features within the technical information section.

**Applications**

- Types of fluid
  - coolants
  - cooling/cutting oils
- Kinematic viscosity
  - ...200 SSU (...45 mm<sup>2</sup>/s)
- Pumping temperature
  - 30...140 °F (0...60 °C)
- Suction height
  - 5 m

**Construction**

Cover	cast iron
Impeller	cast steel
Shaft	steel
Mechanical seal	SiC

