

Horizontal End-Suction Pumps

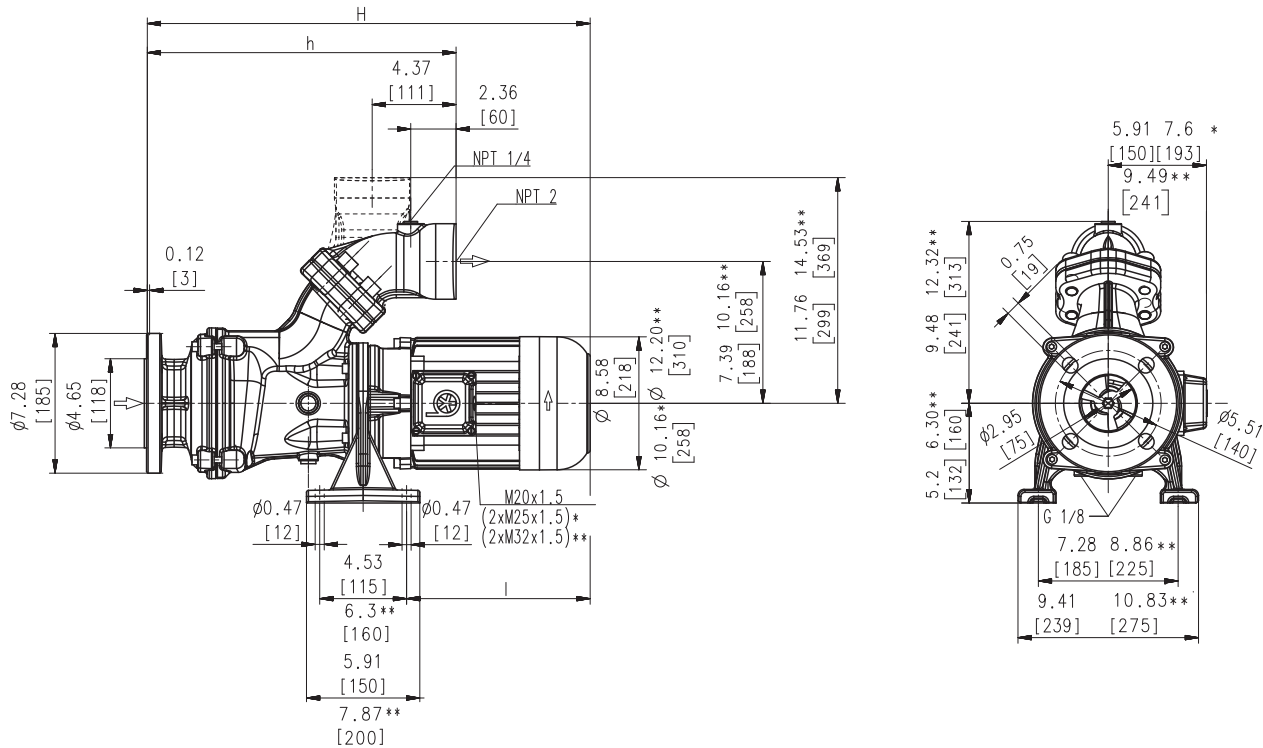
SBA1301S...1303S

Axial/semi-open impellers



60 Hz

SBA1301S...1303S



Dimensions in Inches / mm,

*) Dimensions SBA1302S

**) Dimensions SBA1303S

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		AMPS	RPM
SBA1301S	225/44	27.8	705	16.3	413	14.1	358	161.0	73	7.7	230	3520
	900/12									5.75	460	3520
SBA1302S	225/90	34.0	863	19.4	492	17.2	437	258	117	11.5	230	3550
	900/25									8.6	460	3550
SBA1303S	225/135	37.4	951	25.3	643	16.6	422	313	142	16.9	230	3560
	900/39									12.6	460	3560

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

These pumps are not self-priming and must be gravity fed. All pumps are equipped with a single mechanical seal.

Upon request a second mechanical seal is available to allow for dry-running (-GD).

This pump series is designed for horizontal installations next to a tank and 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**.

The SBA pumps are equipped with the user-friendly 45 degree **flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge with NPT 1/4.

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

Applications

Types of fluid
coolants
cooling/cutting oils
Kinematic viscosity
...200 SSU (...45 mm²/s)
Pumping temperature
30...175 °F (0...80 °C)

Construction

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level	
SBA1301S	73 dBA
SBA1302S	78 dBA
SBA1303S	79 dBA

