

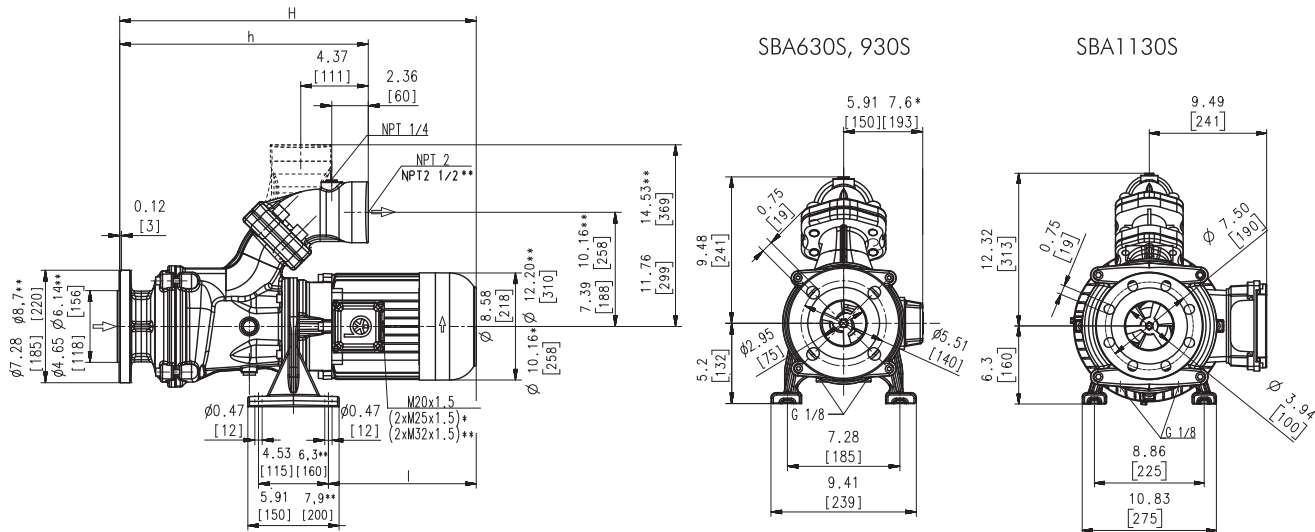
SBA630S...1130S

Axial/semi-open impellers



60 Hz

SBA630S...1130S



Dimensions in Inches / mm

*) Dimensions SBA930S

**) Dimensions SBA1130S

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	HP kW	V	Hz	AMPS	RPM
SBA630S	200/60 800/16	27.6	701	16.1	408	14.1	358	145.5	66	7.7 5.75	230 460	60 60	19.0 9.5	3520 3520
SBA930S	250/65 1000/18	29.4	746	16.2	412	15.7	399	158.8	72	10 7.48	230 460	60 60	23.0 11.5	3545 3545
SBA1130S	450/75 1700/24	31.6	802	19.5	495	16.6	422	291	132	16.9 12.6	230 460	60 60	39.2 19.6	3560 3560

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 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	
SBA630S	73 dBA
SBA930S	75 dBA
SBA1130S	80 dBA
Optional: Low noise version (-3 to -5 dBA)	

