

Horizontal End-Suction Pumps

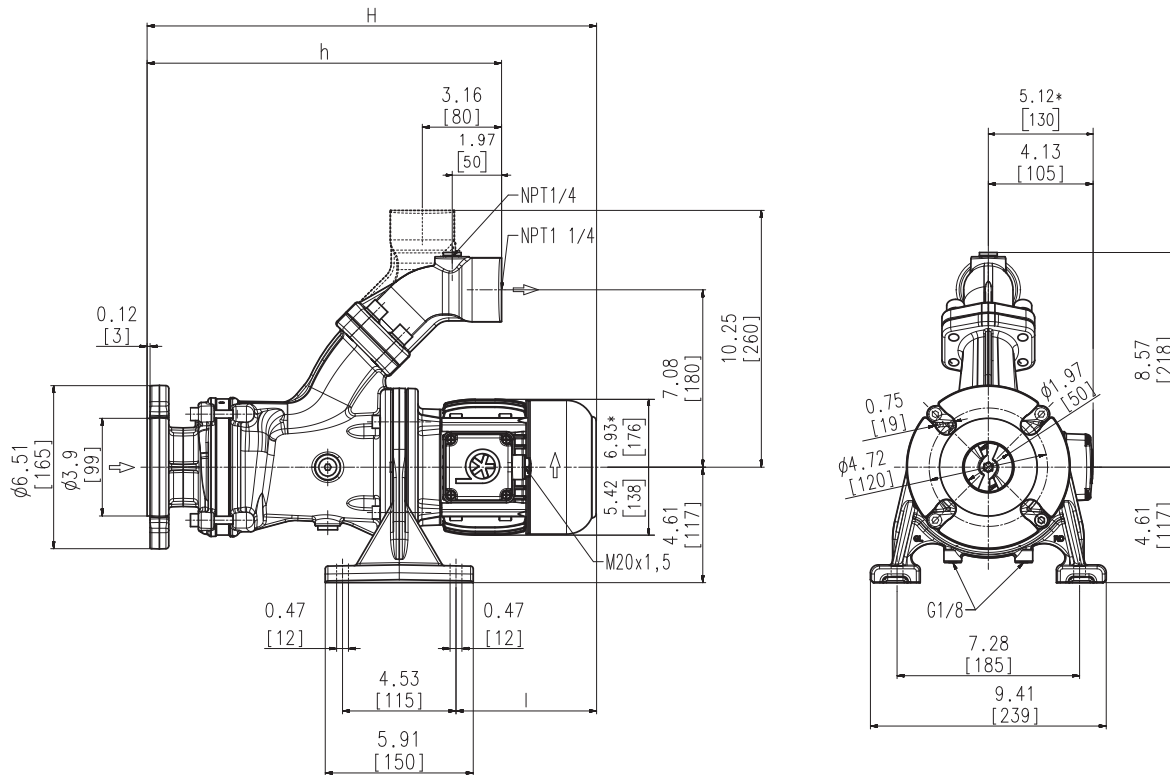
SBA141S...143S

Axial/semi-open impellers



60 Hz

SBA141S...143S



Dimensions in Inches / mm

*) Dimensions SBA143S

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		V		AMPS	RPM
SBA141S	25/32 100/9		18.0	456	14.1	359	5.6	143	58.4	26.5		2.8	3300
SBA142S	25/53 100/14		22.6	575	16.1	410	8.3	211	70.6	32		4.8	3440
SBA143S	25/83 100/21		25.7	653	17.5	444	10.1	256	92.6	42		7.0	3480

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 **SAE 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	
SBA141S...SBA142S	67 dBA
SBA143S	71 dBA

