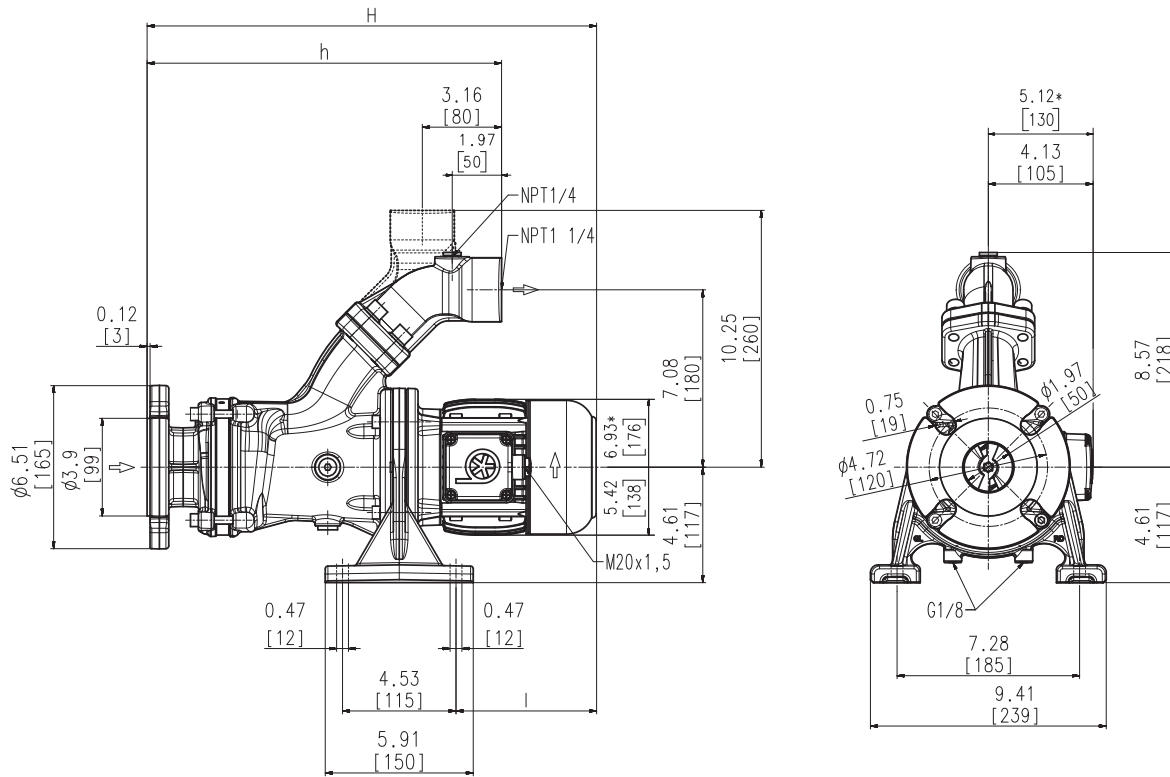


Horizontal End-Suction Pumps

SBA141S...143S

Axial/semi-open impellers

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						Lbs	kg
SBA141S	25/35 100/10	19.6	497	14.1	359	7.2	184	61.7	28	1	208-230	60	3.02	3425
										0.725	460	60	1.46	3425
SBA142S	25/53 100/14	22.6	575	16.1	410	8.3	211	70.6	32	1.7	230	60	4.8	3440
										1.27	460	60	2.4	3440
SBA143S	25/83 100/21	25.7	653	17.5	444	10.1	256	92.6	42	2.6	230	60	7.0	3480
										1.95	460	60	3.5	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 (Motor only; Tolerance +3 dBA)	
SBA141S...SBA142S	67 dBA
SBA143S	71 dBA

