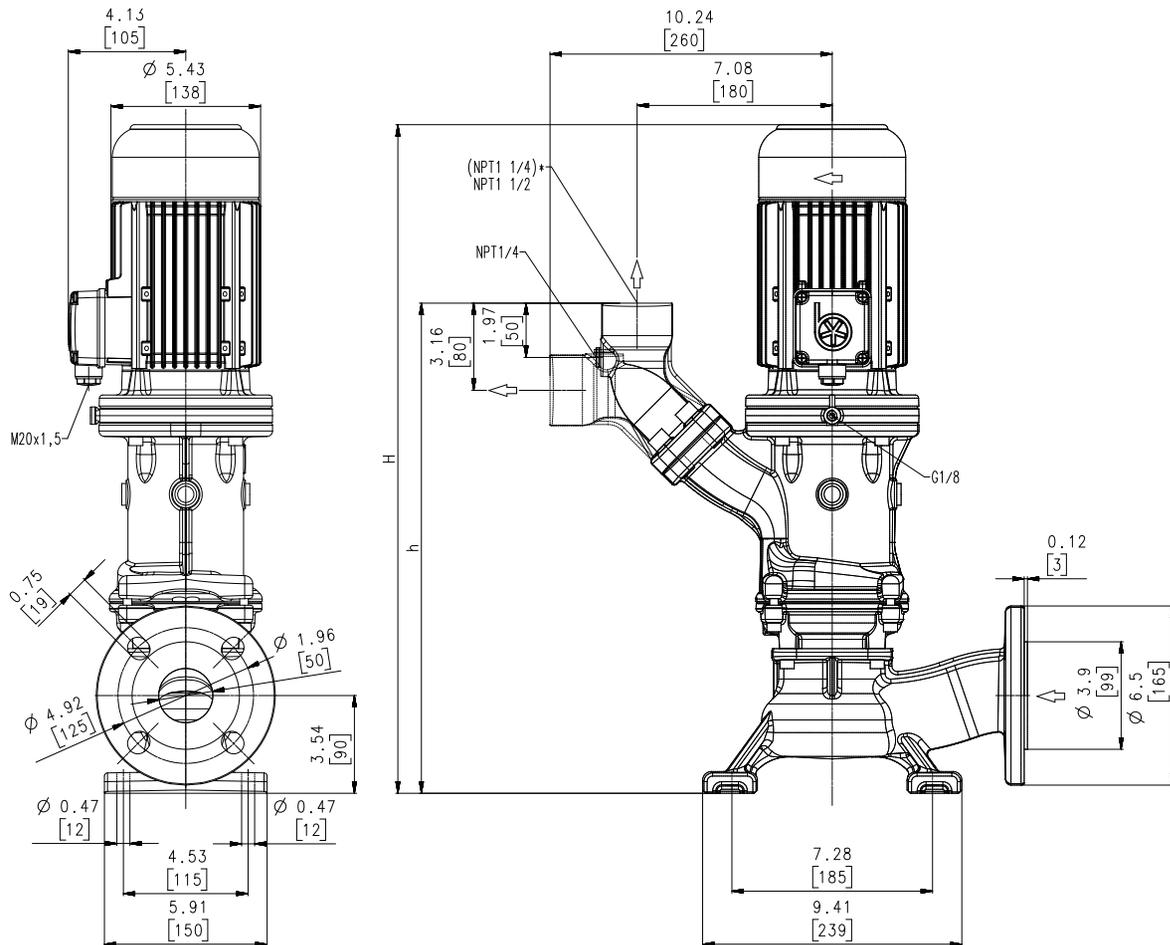


Vertical End Suction Pumps

SBF125S...550S-V

Axial/semi-open impellers

SBF125S...550S-V



Dimensions in Inches / mm

*) Dimensions SBF125S-V

Type	Flow at head		Dimensions		Weight		Power	Voltage	Fre-	Current	Speed	
	GPM /Feet l/min /m	H inch	H mm	h inch	h mm	Lbs	kg	3~ V	quen- cy Hz	AMPS	RPM	
SBF125S-V	20/20	23.4	594	18.0	457	71.7	32.5	1	208-230	60	3.02	3425
	80/6							0.725	460	60	1.46	3425
SBF550S-V	50/15	24.3	616	17.8	452	76.1	34.5	1.7	230	60	4.8	3440
	200/4							1.27	460	60	2.4	3440



Vertical 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 double mechanical seal. This pump series is designed for vertical 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 SBF 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
 Max. chip to coolant ratio by weight:
 1.0 %
 Chip material:
 Aluminium, steel, coloured steels
 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)	
SBF550S-V	65 dBA
SBF125S-V	67 dBA

