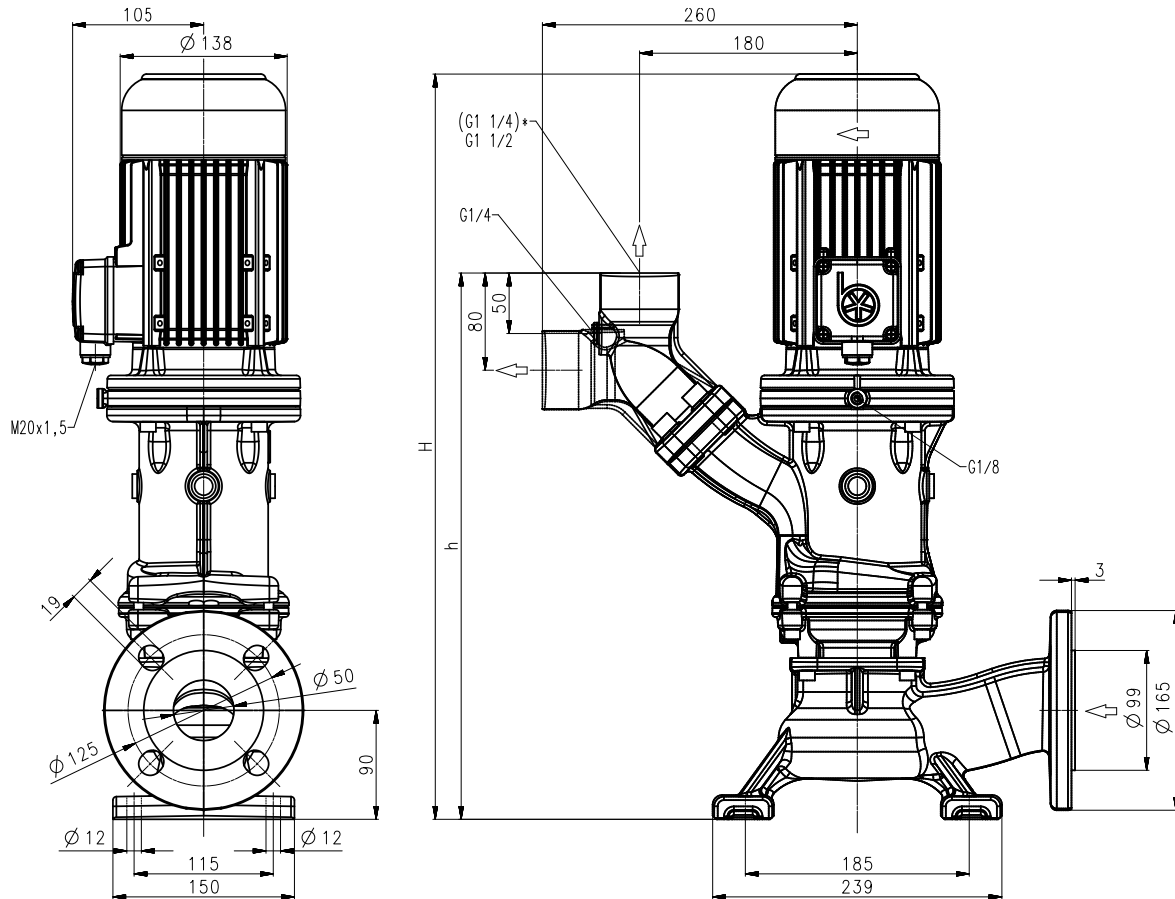


# Vertical End Suction Pumps

## SBF125...550-V

Axial/semi-open impellers

### SBF125...550-V



\*) Dimensions for SBF125-V

Type	Vol. del. at manom. del. head l/min / m	Dimensions		Weight kg	Power kW	Voltage 3 ~ V	Fre- quen- cy Hz	Current A	Speed 1/min
		H mm	h mm						
SBF125-V	80/5.5	591	454	32.5	0.63	220-240	50	2.70	2850
						380-415	50	1.56	2850
					0.725	460	60	1.46	3425
SBF550-V	200/4	616	452	34.5	1.1	220-240	50	4.33	2850
						380-415	50	2.50	2850
					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 G 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  
...45 mm<sup>2</sup>/s (45 cSt)  
Pumping temperature  
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	
SBF550-V	62 dBA
SBF125-V	64 dBA

