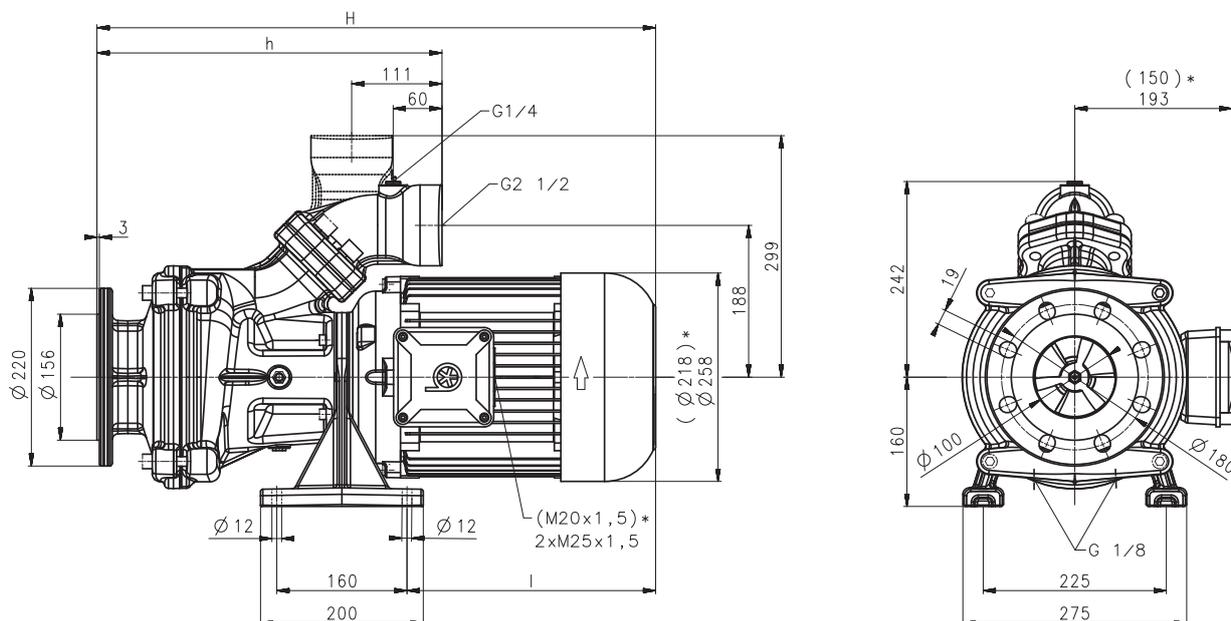


Horizontal End-Suction Pumps

SBF1350...1850

Axial/semi-open impellers

SBF1350...1850



*) Dimensions for SBF1350

Type	Vol. del. at manom. del. head	Dimensions		Length	Weight	Power kW	Voltage 3 ~ V	Frequency Hz	Current A	Speed 1/min
	l/min / m	H mm	h mm	l mm	kg					
SBF1350	600/15	716	424	335	86	5.5	220-240	50	18.9	2915
							380-415	50	10.9	2915
						6.3	460	60	10.4	3510
SBF1550	850/18	793	424	414	113	7.5	380-415	50	14.3	2950
						8.6	460	60	13.7	3550
						SBF1850	1100/18	843	424	414
10.3	460	60	15.8	3550						



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 **highly air entrained coolant fluids**, such as **water-soluble coolants (emulsions)**, as they occur in **high speed machining applications, such as turning and milling**.

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 lifting pumps features SFL/SBF within the technical information section.

Applications

Types of fluid
coolants
cooling/cutting oils
Max. chip to coolant ratio by weight:
1.0 % depending on the specific chip type
Chip material:
Aluminium, steel, coloured steels, cast iron
Kinematic viscosity
...45 mm²/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	
SBF1350	71 dBA
SBF1550...SBF1850	74 dBA

