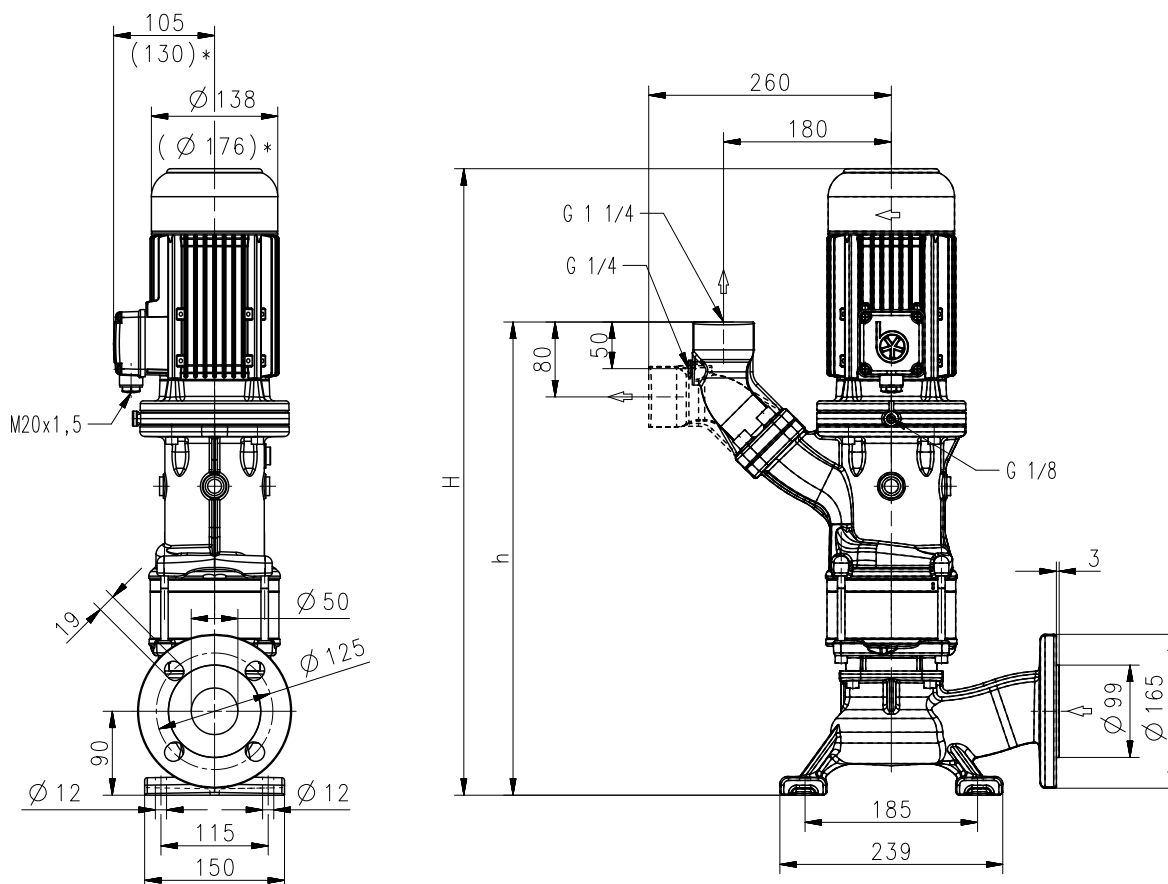


Vertical End Suction Pumps

SBA141...143-V

Axial/semi-open impellers

SBA141...143-V



*) Dimensions for SBA143-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						
SBA141-V	100/7	594	457	32.5	0.63	220-240	50	2.70	2850
						380-415	50	1.56	2850
					0.725	460	60	1.46	3425
SBA142-V	100/17.5	672	508	38	1.1	220-240	50	4.33	2850
						380-415	50	2.50	2850
					1.27	460	60	2.4	3440
SBA143-V	100/28	751	542	47	1.7	220-240	50	6.24	2890
						380-415	50	3.60	2890
					1.95	460	60	3.5	3480

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 SBA 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
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	
SBA141-V...SBA142-V	64 dBA
SBA143-V	68 dBA

