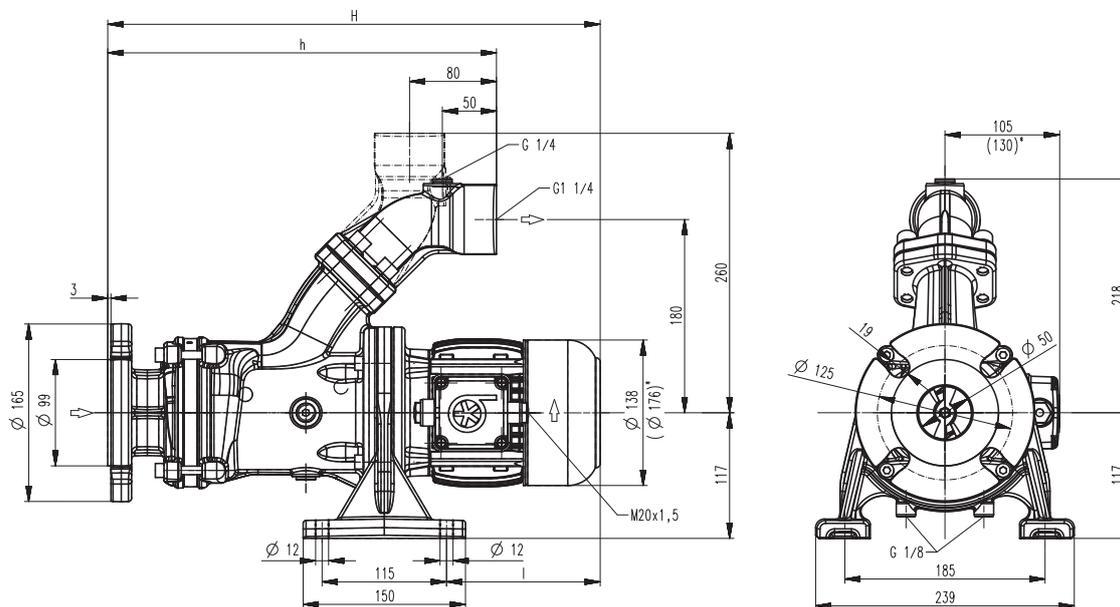


Horizontal End-Suction Pumps

SBA141...143

Axial/semi-open impellers

SBA141...143



*) Dimensions for SBA143

Type	Vol. del. at manom. del. head l/min / m	Dimensions		Length l mm	Weight kg	Power kW	Voltage 3 ~ V	Fre- quen- cy Hz	Current A	Speed 1/min
		H mm	h mm							
SBA141	100/8	456	359	143	26.5	0.54	220-240 380-420 460	50 50 60	2.42 1.40 1.40	2800 2800 3300
SBA142	100/13	575	410	211	32	1.1	220-240 380-415	50 50	4.33 2.50	2850 2850
SBA143	100/20	653	444	256	42	1.27 1.7 1.95	460	60	2.4 6.24 3.60	3440 2890 2890 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 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...SBA142	64 dBA
SBA143	68 dBA

