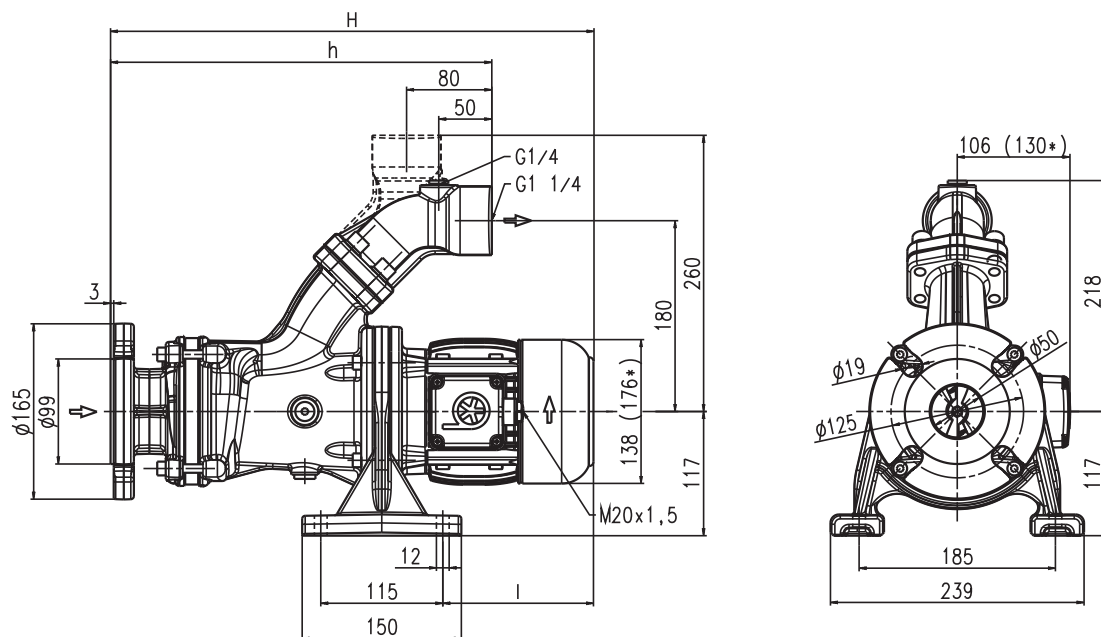


SBA141...143



*) 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- quency Hz	Rated current A	Speed 1/min
		H mm	h mm							
SBA141	100/8	456	359	143	25.5	0.54	220-240	50	2.42	2800
							380-420	50	1.40	2800
							460	60	1.40	3300
SBA142	100/13	544	410	181	28.5	1.1	220-240	50	5.0	2700
							380-420	50	2.9	2700
							460	60	2.9	3300
SBA143	100/20	600	443	203	38.5	1.5	220-240	50	6.6	2850
							380-420	50	3.8	2850
							460	60	3.8	3400

Horizontal end-suction pumps

Axial/semi-open impellers

SBA141-143

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
 water
 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

