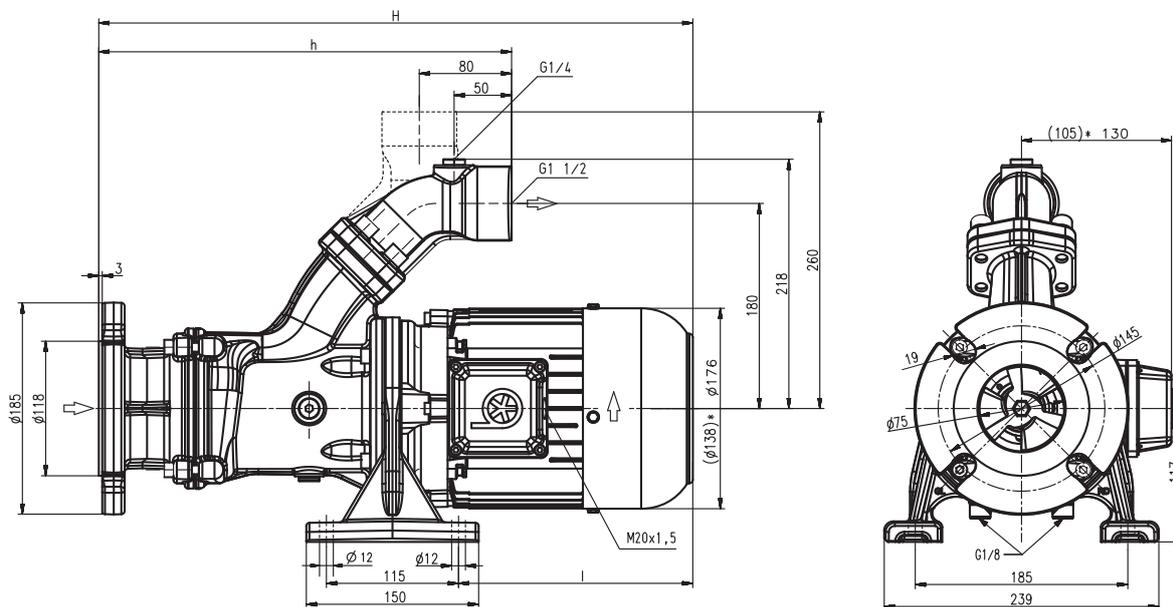


# Horizontal End-Suction Pumps

## SBA401...403

Axial/semi-open impellers

### SBA401...403



\*) Dimensions for SBA401

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							
<b>SBA401</b>	200/6	497	360	184	31	0.92	220-240	50	3.8	2840
							380-415	50	2.2	2840
						1.06	460	60	2.1	3440
<b>SBA402</b>	200/14	592	409	230	39	1.5	220-240	50	5.5	2880
							380-415	50	3.2	2880
						1.75	460	60	3.1	3470
<b>SBA403</b>	200/20	700	458	289	47	2.2	220-240	50	7.8	2890
							380-415	50	4.5	2890
						2.55	460	60	4.4	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 for single-stage pumps 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 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	
SBA401	62 dBA
SBA402...SBA403	66 dBA

