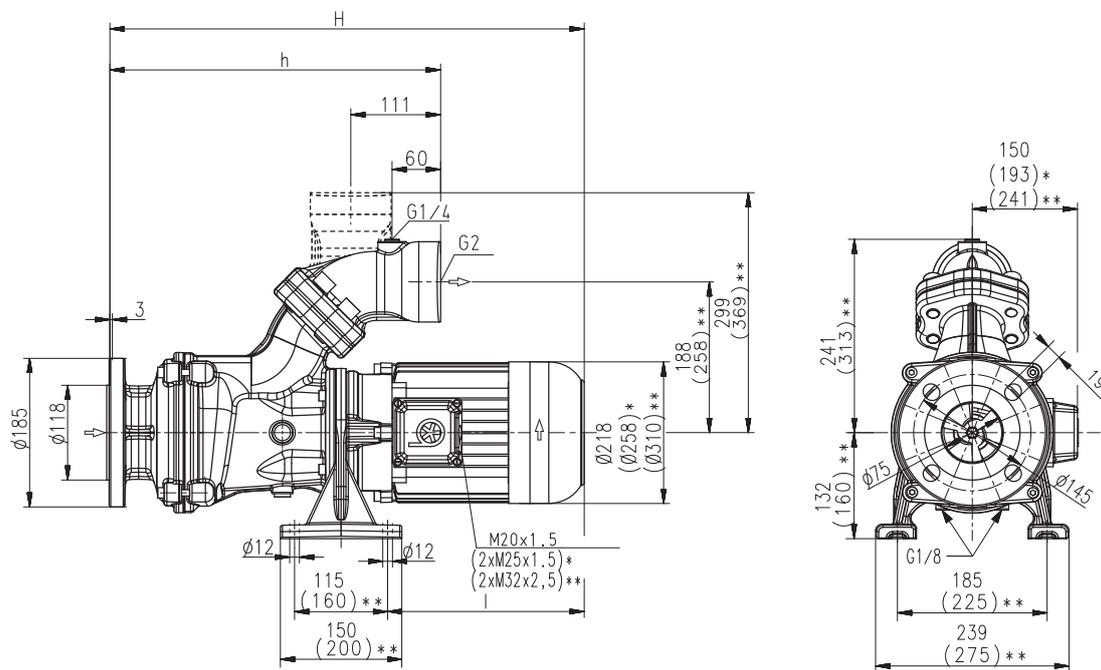


Horizontal End-Suction Pumps

SBA1301...1303

Axial/semi-open impellers

SBA1301...1303



*) Dimensions for SBA1302
 **) Dimensions for SBA1303

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					
SBA1301	900/12	705	413	358	73	5.0	220-240	50	17.3	2920
							380-415	50	10.0	2920
						5.75	460	60	9.5	3520
SBA1302	900/24	863	492	437	117	7.5	380-415	50	14.3	2950
						8.6	460	60	13.7	3550
SBA1303	900/35	951	643	422	142	11.0	380-415	50	20.1	2960
						12.6	460	60	19.5	3560

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 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	
SBA1301	71 dBA
SBA1302...SBA1303	74 dBA

