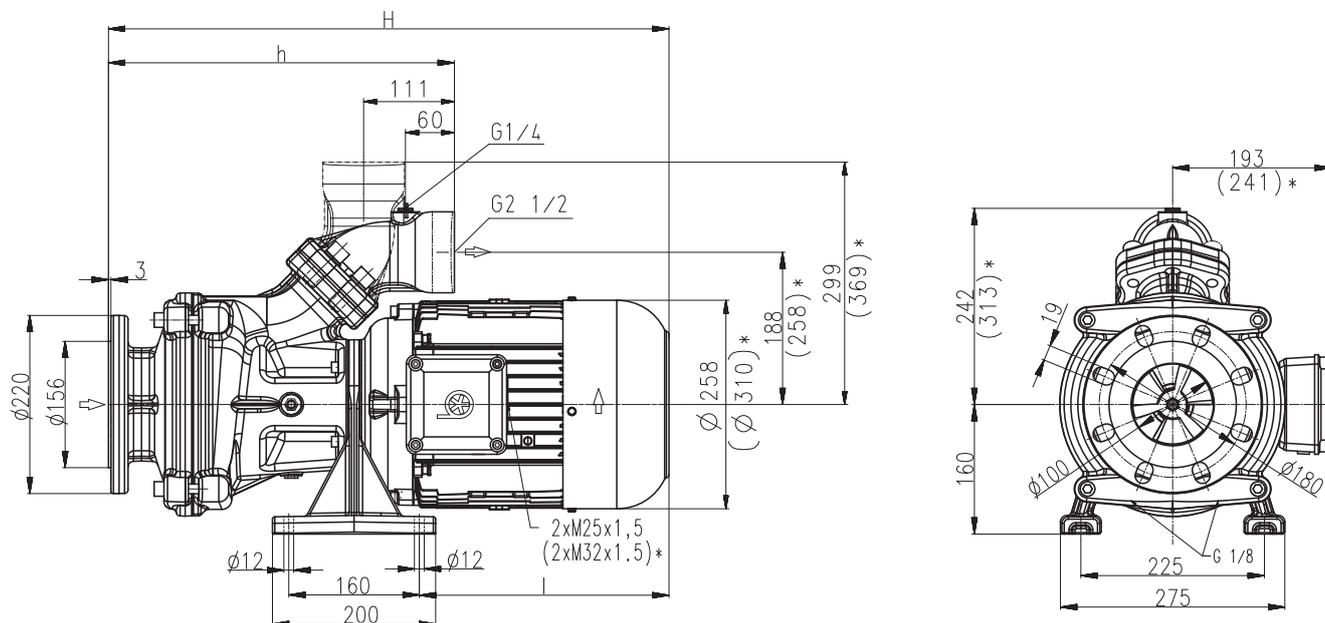


# Horizontal End-Suction Pumps

## SBA1600...2000

Axial/semi-open impellers

### SBA1600...2000



\*) Dimensions for SBA2000

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>SBA1600</b>	1400/15	793	424	414	120	9.0	380-415	50	16.7	2955
						10.3	460	60	15.8	3550
<b>SBA2000</b>	1600/19	802	495	422	147	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 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	
SBA1600...SBA2000	74 dBA

