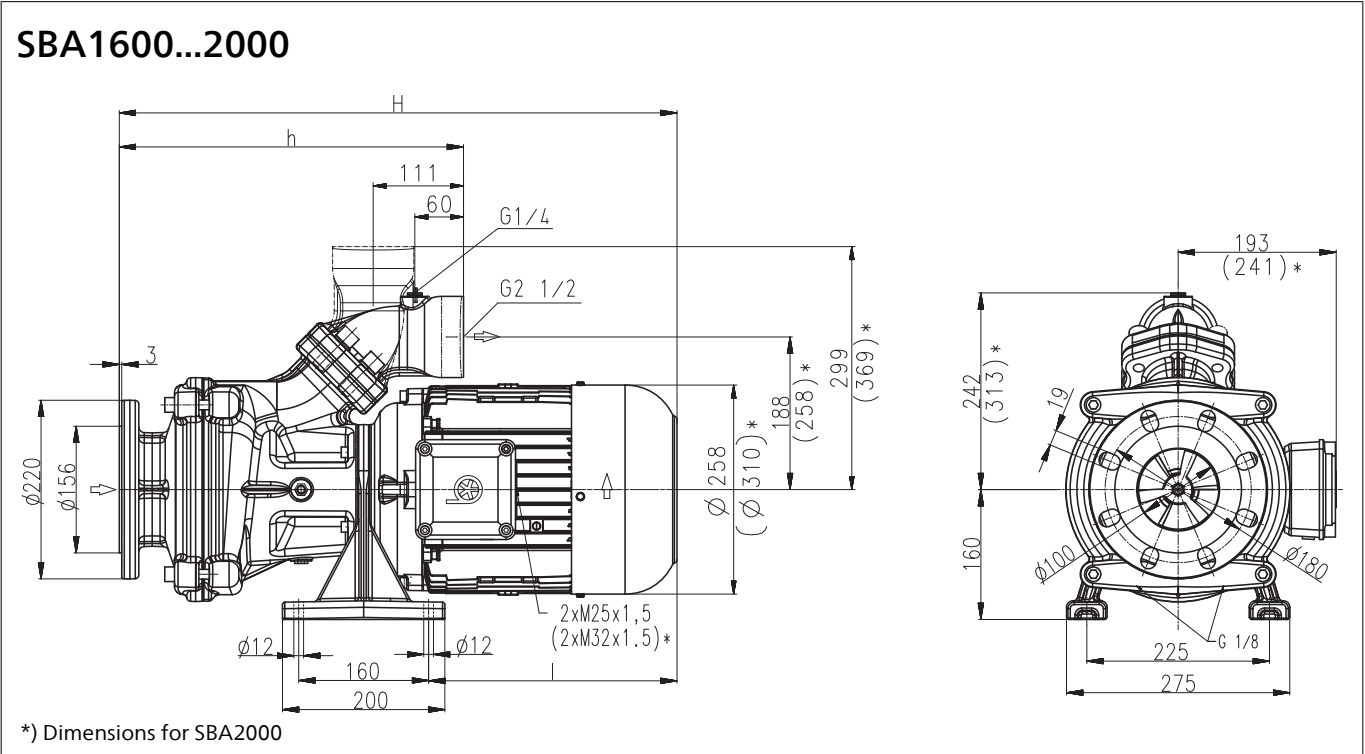


Horizontal End-Suction Pumps

SBA1600...2000

Axial/semi-open impellers



Type	Vol. del. at manom. del. head	Dimensions		Length	Weight	Power	Voltage 3 ~	Fre- quen- cy	Current	Speed
	l/min / m	H mm	h mm	l mm	kg	kW	V	Hz	A	1/min
SBA1600	1400/16	793	424	414	120	9.0	380-415	50	16.7	2955
						10.3	460	60	15.8	3550
SBA2000	1600/15	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 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	
SBA1600...SBA2000	74 dBA

