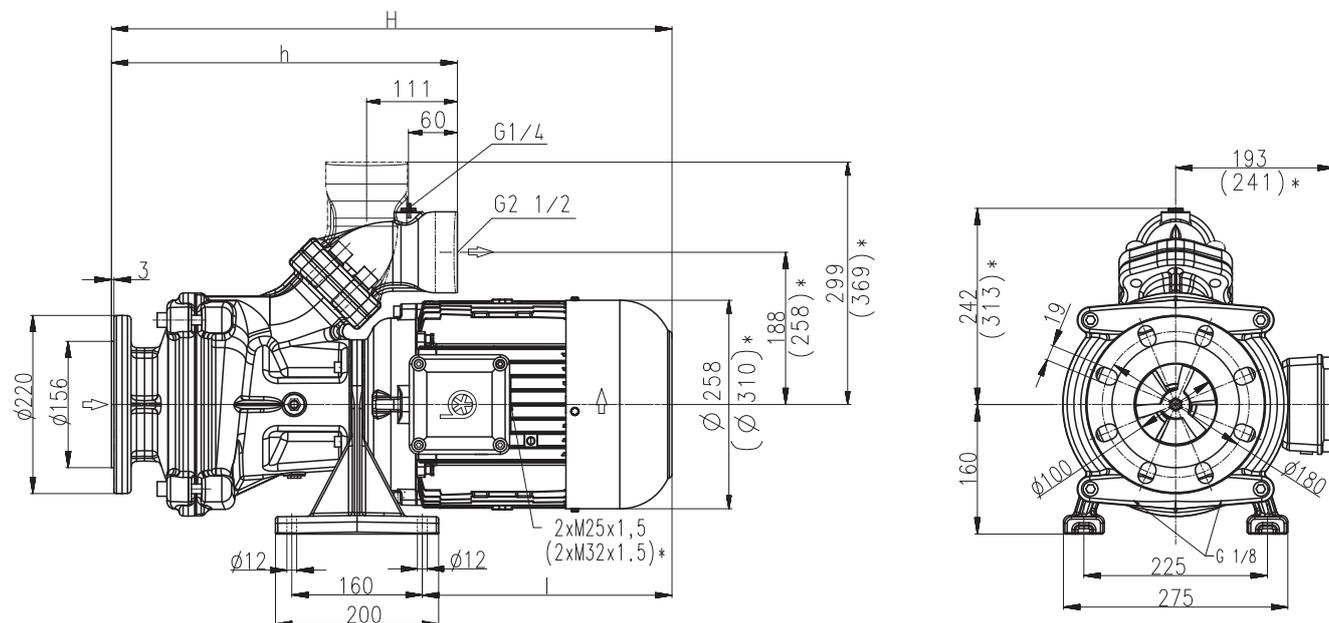


# Horizontal End-Suction Pumps

## SBG1400...1700

Axial/semi-open impellers

### SBG1400...1700



\*) Dimensions for SBG1700

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							
SBG1400	1200/17	793	424	414	120	9.0	380-415	50	16.7	2955
						10.3	460	60	15.8	3550
SBG1700	1500/20	802	495	422	147	13.0	380-415	50	24.2	2960
						15.0	460	60	23.6	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 **highly air entrained coolant and cutting oils**, as they occur in **high speed grinding applications**.

The SBG 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  
 grinding 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	
SBG1400...SBG1700	74 dBA

