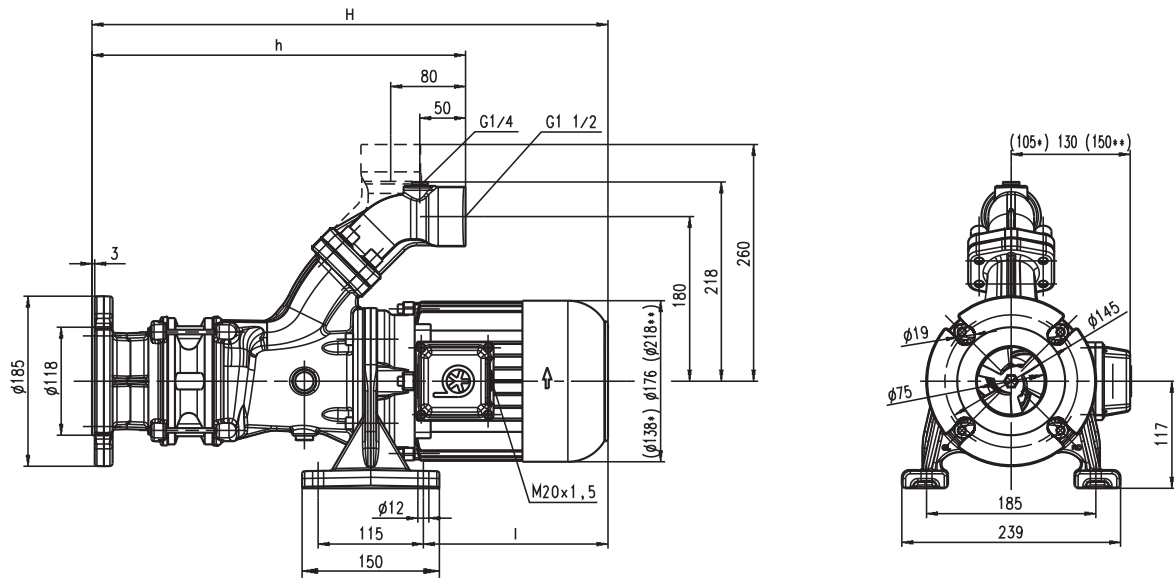


SBG501...503



*) Dimensions for SBG501

**) Dimensions for SBG503

Type	Vol. del. at manom. del. head l/min /m	Dimensions		Length l mm	Weight kg	Power kW	Voltage 3 ~ V	Fre- quency Hz	Rated current A	Speed 1/min
		H mm	h mm							
SBG501	250/6	494	359	181	27	1.1	220-240 380-420 460	50 50 60	5.0 2.9 2.9	2700 2700 3300
SBG502	250/15	620	423	243	43	2.2	220-240 380-420 460	50 50 60	9.2 5.3 5.3	2850 2850 3400
SBG503	250/22	733	487	293	48	3.3	220-240 380-420 460	50 50 60	13.8 8.0 8.0	2900 2900 3450

Horizontal end-suction pumps

Axial/semi-open impellers

SBG501-503

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 **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
 water
 coolants
 cooling/cutting oils
 grinding 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	
SBG501	67 dBA
SBG502	70 dBA
SBG503	72 dBA

