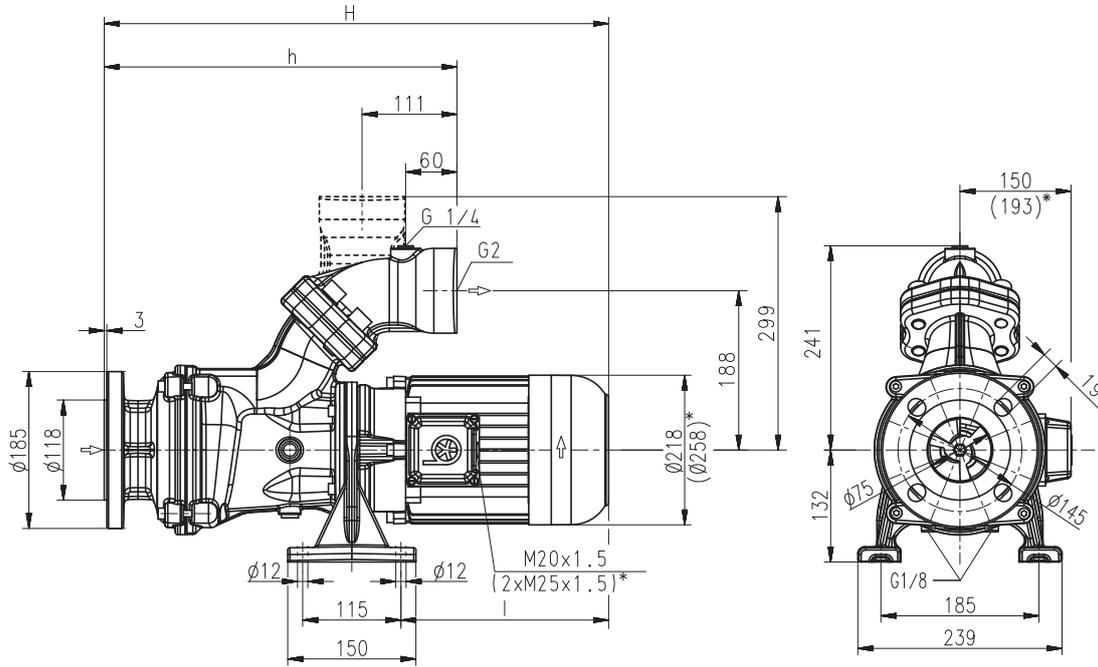


Horizontal End-Suction Pumps SBG801...803

Axial/semi-open impellers

SBG801...803



*) Dimensions for SBG802, 803

| 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 | | | | | | | |
| SBG801 | 600/11 | 671 | 409 | 328 | 66 | 3.3 | 220-240 | 50 | 11.6 | 2930 |
| | | | | | | | 380-415 | 50 | 6.7 | 2930 |
| | | | | | | 3.8 | 460 | 60 | 6.4 | 3520 |
| SBG802 | 600/24 | 812 | 479 | 399 | 103 | 6.0 | 380-415 | 50 | 11.2 | 2950 |
| | | | | | | | 460 | 60 | 10.7 | 3550 |
| | | | | | | 6.9 | 460 | 60 | 10.7 | 3550 |
| SBG803 | 600/30 | 919 | 548 | 437 | 124 | 9.0 | 380-415 | 50 | 16.7 | 2955 |
| | | | | | | | 460 | 60 | 15.8 | 3550 |
| | | | | | | 10.3 | 460 | 60 | 15.8 | 3550 |

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 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 | |
| SBG801 | 72 dBA |
| SBG802...SBG803 | 75 dBA |

