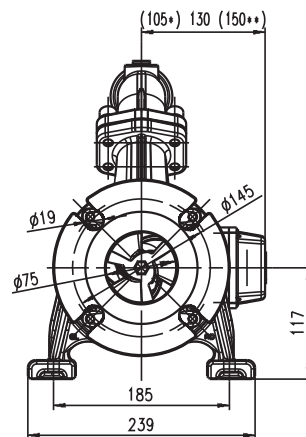
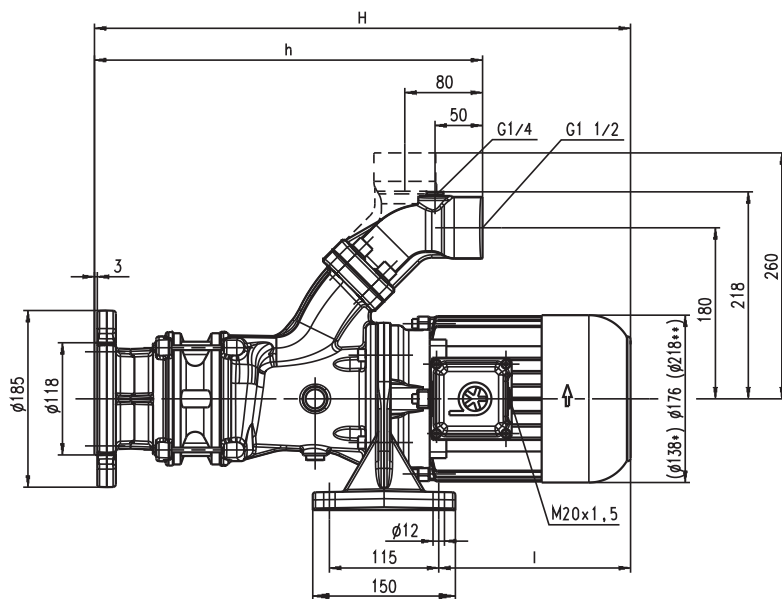


Horizontal end-suction pumps

Axial/semi-open impellers

SBA601-603

SBA601...603



*) Dimensions for SBA601

**) Dimensions for SBA603

Type	Vol. del. at manom. del. head l/min /m	Dimensions H mm	h mm	Length l mm	Weight kg	Power kW	Voltage 3 ~ V	Fre- quency Hz	Rated current A	Speed 1/min
SBA601	300/6	474	359	161	26	0.92	220-240 380-420 460	50 50 60	4.7 2.7 2.7	2700 2700 3300
SBA602	300/16	620	423	243	43	2.2	220-240 380-420 460	50 50 60	9.2 5.3 5.3	2850 2850 3400
SBA603	300/25	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

SBA601-603

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 **(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.

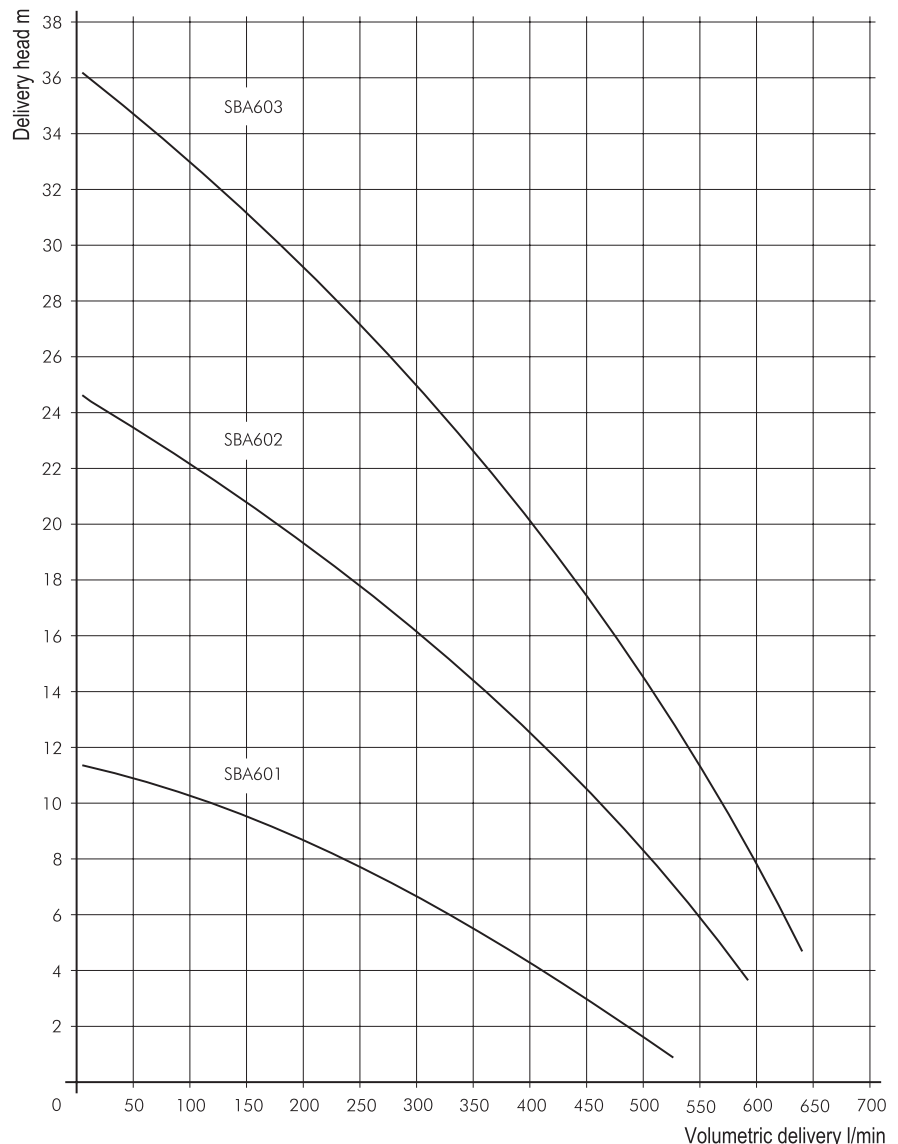
Applications

Types of fluid
water
coolants
cooling/cutting oils
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	
SBA601	62 dBA
SBA602	66 dBA
SBA603	68 dBA



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