

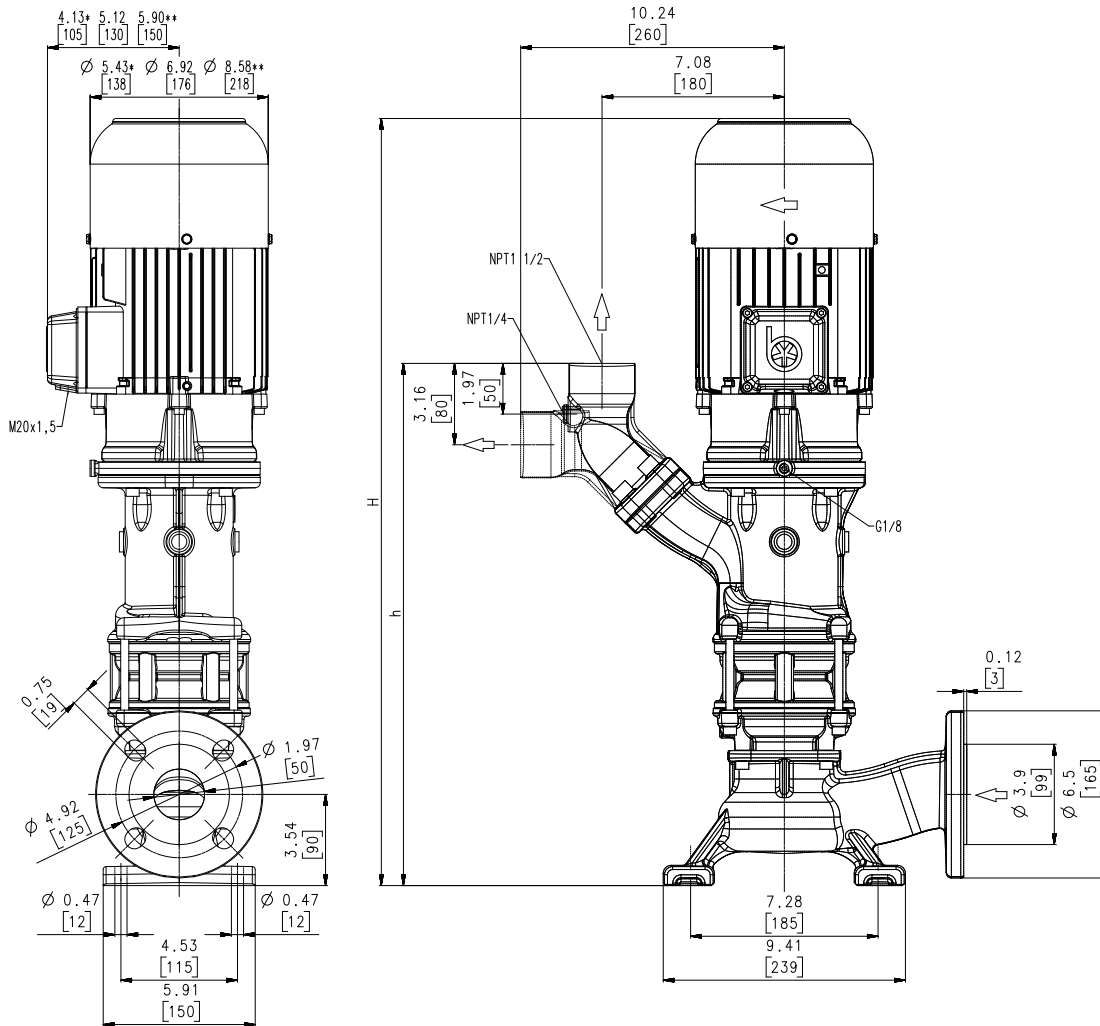
Vertical End Suction Pumps

SBA601S...604S-V

Axial/semi-open impellers



SBA601S...604S-V



Dimensions in Inches / mm
 *) Dimensions SBA601S-V
 **) Dimensions SBA603S-V, SBA604S-V

Type	Flow at head	Dimensions		Weight		Power	Voltage	Fre-	Current	Speed		
	GPM /Feet l/min /m	H inch	H mm	h inch	h mm	Lbs	kg	quency	AMPS	RPM		
		h inch	h mm	h inch	h mm	HP	V	Hz				
SBA601S-V	110/15	24.3	616	17.8	452	77.2	35	1.7	230	60	4.8	3440
	440/3.5							1.27	460	60	2.4	3440
SBA602S-V	110/40	29.8	758	20.3	516	108.0	49	3.4	230	60	8.8	3480
	440/11.5							2.55	460	60	4.4	3480
SBA603S-V	110/63	33.9	861	22.8	580	142.2	64.5	5.1	230	60	12.8	3520
	440/17							3.8	460	60	6.4	3520
SBA604S-V	110/92	37.6	955	25.4	644	164	74.5	7.7	230	60	19.0	3520
	440/25							5.75	460	60	9.5	3520



Vertical 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 double mechanical seal. This pump series is designed for vertical 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 NPT 1/4. For more information see mechanical features within the technical information section.

Applications

- Types of fluid
 - coolants
 - cooling/cutting oils
- Kinematic viscosity
 - ...200 SSU (...45 mm²/s)
- Pumping temperature
 - 30...175 °F (0...80 °C)

Construction

Pump body	cast iron
Cover	cast iron
Impeller axial	CrMo-steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level (Motor only; Tolerance +3 dBA)	
SBA601S-V	65 dBA
SBA602S-V	69 dBA
SBA603S-V	72 dBA
SBA604S-V	74 dBA

