

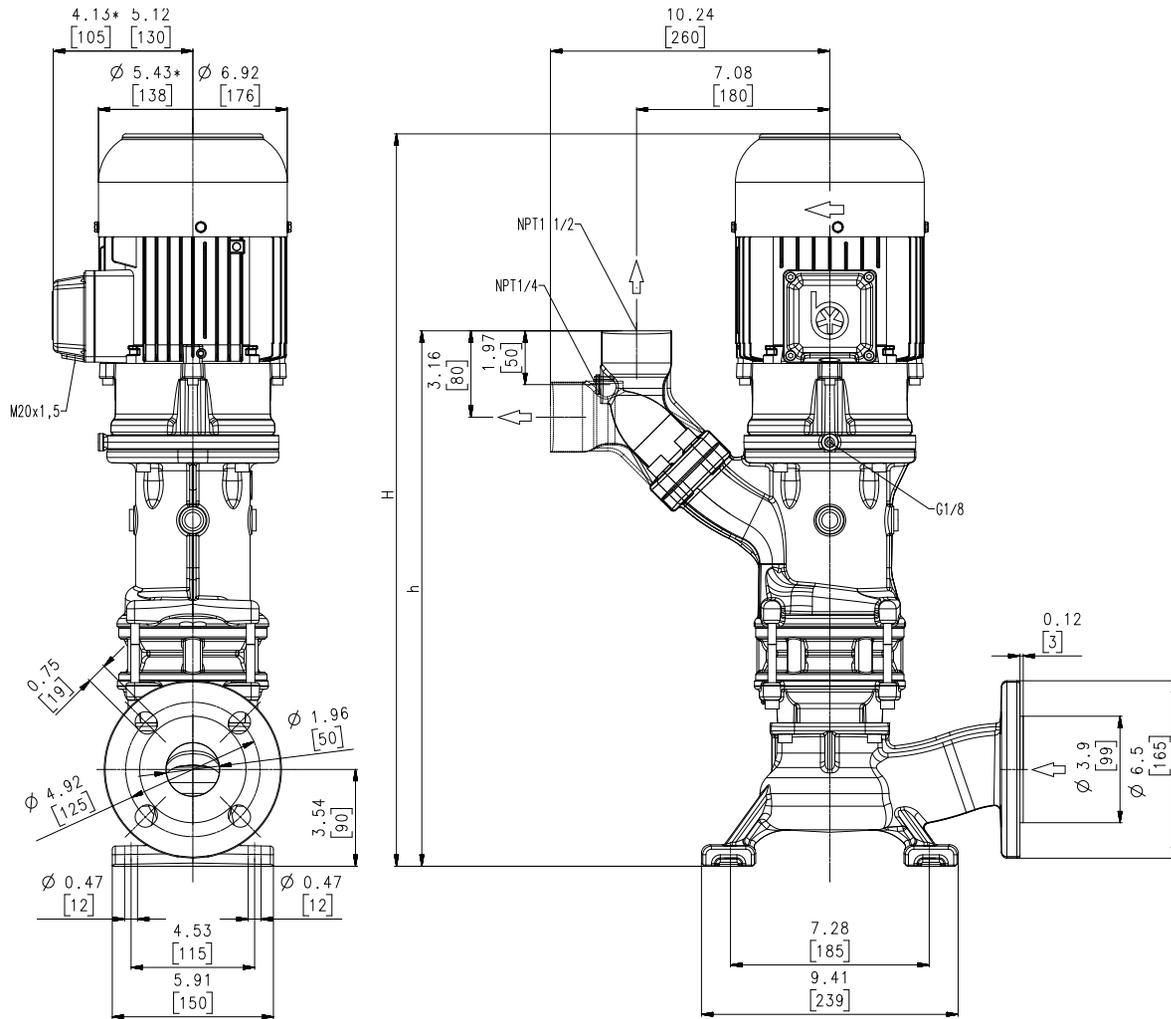
Vertical End Suction Pumps

SBA401S...403S-V

Axial/semi-open impellers



SBA401S...403S-V



Dimensions in Inches / mm

*) Dimensions SBA401S-V

Type	Flow at head	Dimensions				Weight		Power	Voltage 3~	Fre- quen- cy	Current	Speed
	GPM /Feet l/min /m	H inch	H mm	h inch	h mm	Lbs	kg	HP kW	V	Hz	AMPS	RPM
SBA401S-V	60/18	19.6	586	14.2	449	68.4	33.5	1.4	230	60	4.2	3440
	240/5							1.06	460	60	2.1	3440
SBA402S-V	60/45	23.3	681	16.1	498	95.9	43.5	2.3	230	60	6.2	3470
	240/13							1.75	460	60	3.1	3470
SBA403S-V	60/70	27.6	789	18	547	103.6	51	3.4	230	60	8.8	3480
	240/21							2.55	460	60	4.4	3480



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	cast steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level (Motor only; Tolerance +3 dBA)	
SBA401S-V	62 dBA
SBA402S-V...SBA403S-V	69 dBA

