

Vertical End Suction Pumps

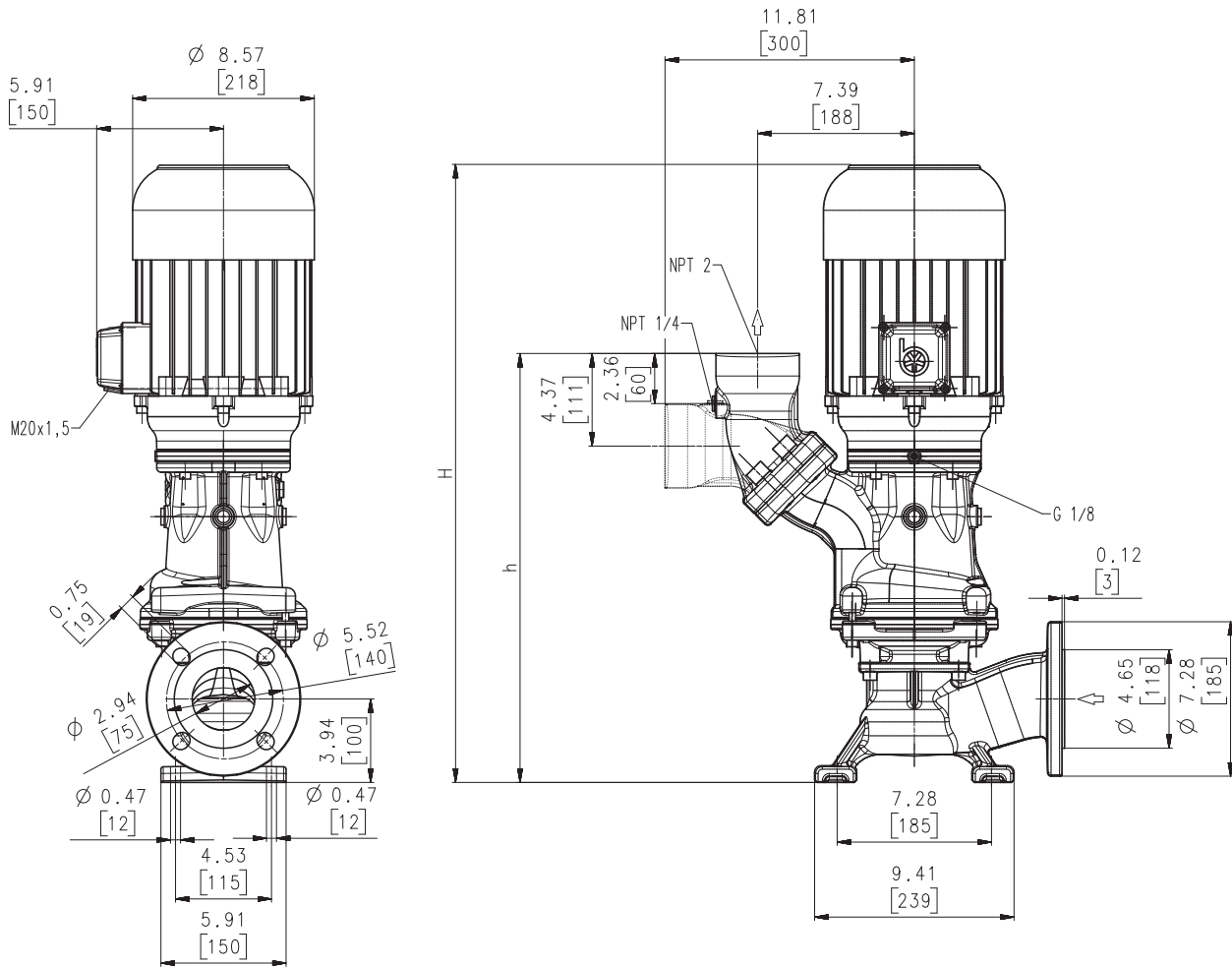
SBA901S...1301S-V

Axial/semi-open impellers



60 Hz

SBA901S...1301S-V



Dimensions in Inches / mm

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		
SBA901S-V	200/34	30.6	776	20.2	514	154.4	70	5.1	230	60	12.8	3520	
	600/12							3.8	460	60	6.4	3520	
SBA1301S-V	250/40	31.7	806	20.3	515	170	77	7.7	230	60	19.0	3520	
	900/12							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	cast steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level (Motor only; Tolerance +3 dBA)	
SBA901S-V...SBA1301S-V	74 dBA

