

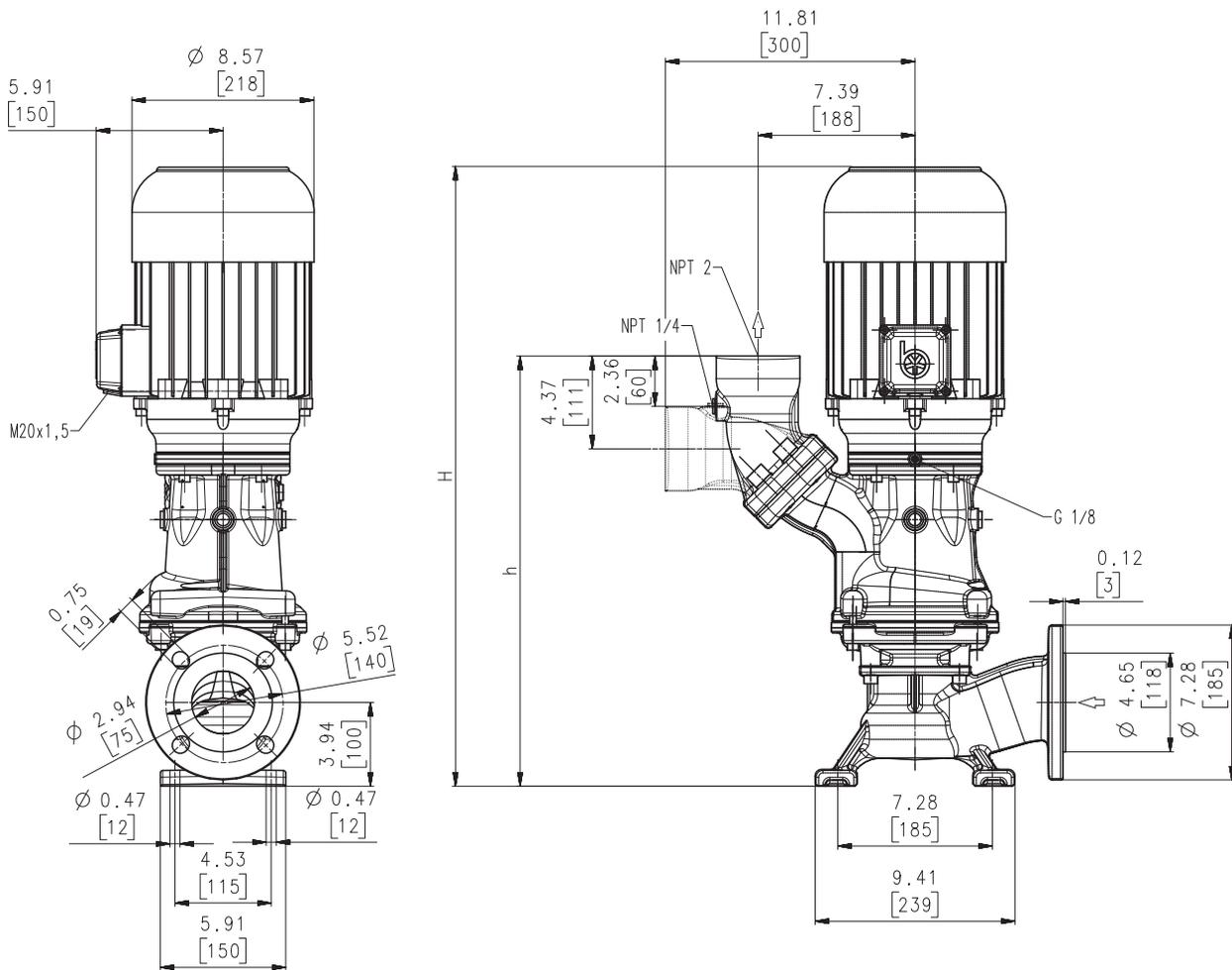
Vertical End Suction Pumps

SBG801S...1101S-V

Axial/semi-open impellers



SBG801S...SBG1101S-V



Dimensions in Inches / mm

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	HP	3~	quen-	AMPS	RPM
									kW	V	cy		
SBG801S-V	175/32	600/11	30.3	769	20.0	507	154.4	70	5.1	230	60	12.8	3520
									3.8	460	60	6.4	3520
SBG1101S-V	225/36	800/12	31.7	805	20.2	514	170	77	7.7	230	60	19.0	3520
									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 **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 NPT 1/4. For more information see mechanical features within the technical information section.

All types specified are also available as multistage pumps e.g. SBG802S-V, SBG1103S-V.

Applications

- Types of fluid
 - coolants
 - cooling/cutting oils
 - grinding 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	
SBG801S-V...SBG1101S-V	74 dBA

