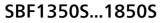
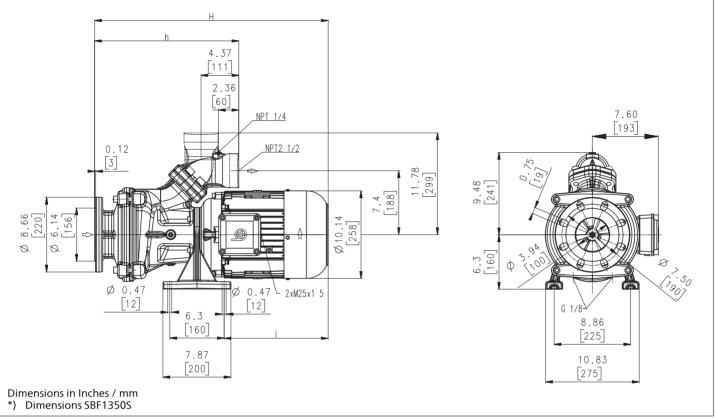
Horizontal End-Suction Pumps SBF1350S...1850S

BRINKMANN 60 Hz

Axial/semi-open impellers





	Flow at head Dimensions				Length		Weight		Power	Voltage 3 ~	Fre- quen- cy	Current	Speed
Туре	GPM /Feet <i>I/min /m</i>	H inch Hmm	h inch	h mm	l Inch	l mm	Lbs	kg	HP kW	V	Hz	AMPS	RPM
SBF1350S	150/46 600/15	28.2 716	16.7	424	13.2	335	190	86	8.4 6.3	230 460	60 60	20.8 10.4	3510 3510
SBF1550S	200/70 <i>800/21</i>	31.2 793	16.7	424	16.3	414	249	113	11.5 8.6	230 460	60 60	27.8 13.9	3550 3550
SBF1850S	250/85 1 <i>200/23</i>	33.2 843	16.7	424	16.3	414	262	119	13.8 10.3	230 460	60 60	31.6 15.8	3550 3550

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 highly air entrained coolant fluids, such as water-soluble coolants (emulsions), as they occur in high speed machining applications, such as turning and milling.

The SBF pumps are equipped with the userfriendly 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

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)						
SBF1350S	76 dBA					
SBF1550SSBF1850S	78 dBA					

BRINKMANN PUMPS

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