

Quick Suctioning Immersion Pumps

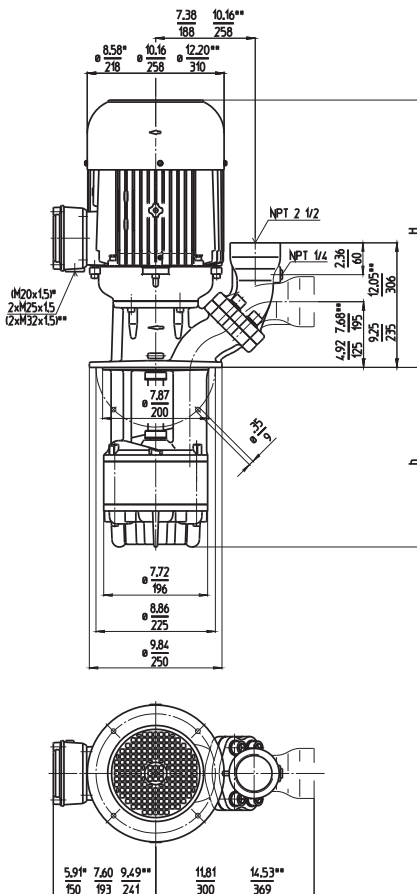
SGL1101...1103

Axial/semi-open impellers



60 Hz

SGL1101, 1102 SGL1103



Discharge port with NPT 2 inches available upon request.

Dimensions in Inches / mm

*) Dimensions SGL1101

**) Dimensions SGL1103

Type	Flow at head	Height	Depth of im- mersion		Weight		Power	Voltage	Fre- quen- cy	Current	Speed
	GPM /Feet l/min /m	H inch mm	h inch	h mm	Lbs	kg	HP kW	V	Hz	AMPS	RPM
SGL1101S230	250/32	21.0	9.06	230	152.1	69	7.7	230	60	19.0	3520
	950/10	533					5.75	460	60	9.5	3520
	330		12.99	330	158.8	72					
	460		18.11	460	168	76					
	580		22.83	580	179	81					
	780		30.71	780	201	91					
SGL1102S310	250/65	24.1	12.20	310	238	108	13.8	230	60	31.6	3550
	950/19	612					10.3	460	60	15.8	3550
	410		16.14	410	243	110					
	540		21.26	540	249	113					
	660		25.98	660	260	118					
	860		33.86	860	287	130					
SGL1103S390	250/90	24.4	15.35	390	315	143	20.1	230	60	48.2	3560
	950/27	620					15.0	460	60	24.1	3560
	490		19.29	490	324	147					
	620		24.41	620	333	151					
	740		29.13	740	342	155					
	940		37.01	940	368	167					

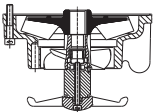


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of **series SGL** are equipped with the patented "BRINKMANN's Suction De-aeration System" and are excellently suited for pumping **extremely air entrained fluids** (grinding oils) as they occur in high-speed grinding.

The quick suctioning immersion pumps reach stable working conditions as soon as the liquid level reaches the suction inlet.

The SGL 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.



The pump SGL1101 is available (upon request) with an additional agitator at the pump suction for breaking up and separating large bundles of chips or birds nests.

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

