

Quick Suctioning Immersion Pumps

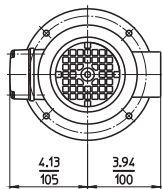
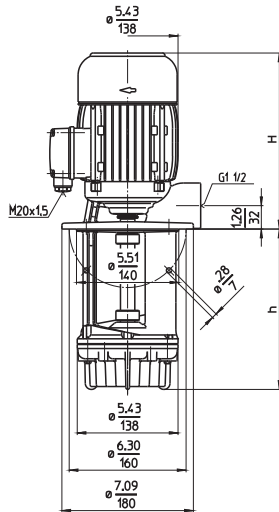
TGL/SGL501...503

Axial/semi-open impellers

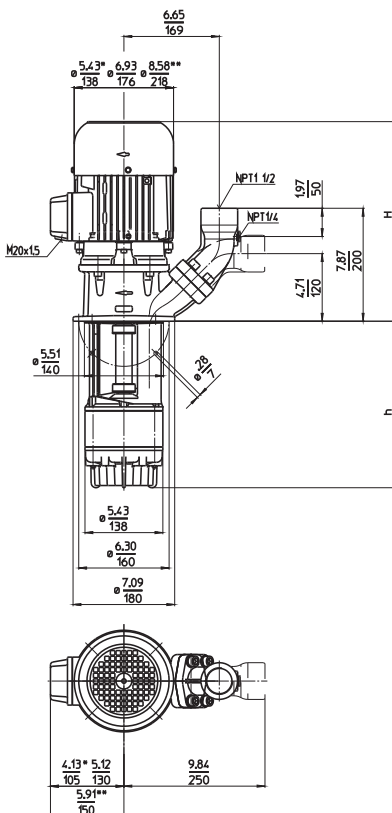


60 Hz

TGL501



SGL501...503



	Flow at head	Height	Depth of im- mersion		Weight		Power	Voltage 3 ~	Fre- quen- cy	Current	Speed
Type	GPM /Feet l/min /m	H inch mm	h inch	h mm	Lbs	kg	HP kW	V	Hz	AMPS	RPM
TGL501S150	60/22	11.5	5.91	150	37.5	17.0	1.7	230	60	4.8	3440
	240/7	291					1.27	460	60	2.4	3440
	230		9.06	230	40.8	18.5					
	300		11.81	300	43.0	19.5					
	380		14.96	380	45.2	20.5					
	470		18.50	470	47.4	21.5					
580		22.83	580	49.6	22.5						
SGL501S150	60/22	14.2	5.91	150	51.8	23.5	1.7	230	60	4.8	3440
	240/7	361					1.27	460	60	2.4	3440
	230		9.06	230	54.0	24.5					
	300		11.81	300	56.2	25.5					
	380		14.96	380	59.5	27.0					
	470		18.50	470	61.7	28.0					
	580		22.83	580	66.2	30.0					
	780		30.71	780	79.4	36.0					
	930		36.61	930	83.8	38.0					
SGL502S220	60/55	17.3	8.46	215	88.2	40	3.4	230	60	8.8	3480
	240/16	439					2.55	460	60	4.4	3480
	300		11.61	295	90.4	41					
	370		14.37	365	92.6	42					
	450		17.52	445	94.8	43					
	540		21.06	535	99.2	45					
	650		25.39	645	103.6	47					
	850		33.27	845	119.1	54					
	1000		39.17	995	121.3	55					
SGL503S280	60/85	18.8	11.02	280	119.1	54	5.1	230	60	12.8	3520
	240/24	478					3.8	460	60	6.4	3520
	360		14.17	360	121.3	55					
	430		16.93	430	123.5	56					
	510		20.08	510	125.7	57					
	600		23.62	600	130.1	59					
	710		27.95	710	134.5	61					
	910		35.83	910	147.7	67					
	1060		41.73	1060	152.1	69					



Quick Suctioning Immersion Pumps

of **series TGL/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 **(SAE) flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge.

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 |

