

Quick Suctioning Immersion Pumps

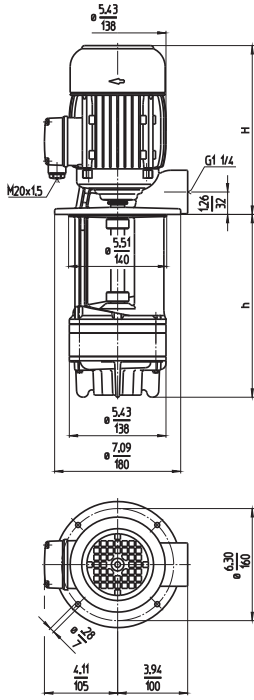


TL/STL141...146

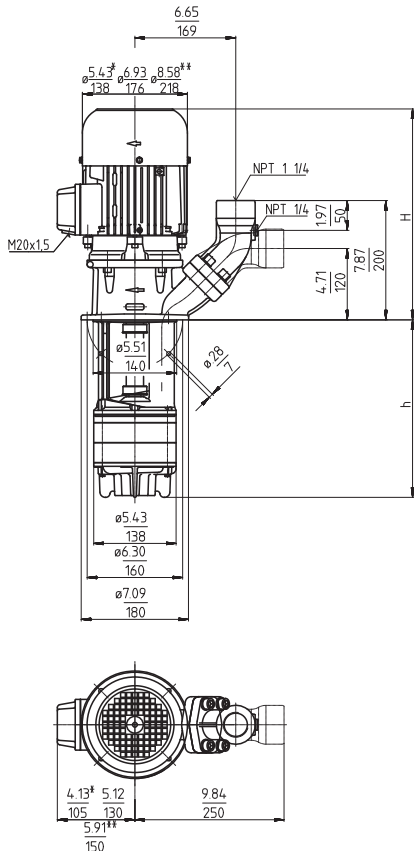
Axial/semi-open impellers



TL141, 142



STL141...146



Type	Flow at head	Height	Depth of immersion		Weight		Power	Voltage	Frequency	Current Speed	
	GPM /Feet	H inch	h inch	h mm	Lbs	kg	HP kW	V	Hz	AMPS	RPM
TL141S150	30/32	10.4	5.91	150	34.2	15.5	1	208-230	60	3.02	3425
	230		9.06	230	35.3	16.0	0.725	460	60	1.46	3425
	300		11.81	300	38.6	17.5					
	380		14.96	380	39.7	18.0					
	470		18.50	470	43.0	19.5					
	580		22.83	580	45.2	20.5					
TL142S180	30/58	11.5	7.09	180	41.9	19.0	1.7	230	60	4.8	3440
	260		10.24	260	43.0	19.5	1.27	460	60	2.4	3440
	330		12.99	330	46.3	21.0					
	410		16.14	410	48.5	22.0					
	500		19.69	500	52.9	24.0					
	610		24.02	610	55.1	25.0					
STL141S150	30/32	13.1	5.91	150	49.6	22.5	1	208-230	60	3.02	3425
	230		9.06	230	50.7	23.0	0.725	460	60	1.46	3425
	300		11.81	300	52.9	24.0					
	380		14.96	380	54.0	24.5					
	470		18.50	470	57.3	26.0					
	580		22.83	580	60.6	27.5					
STL142S180	30/58	14.2	7.09	180	55.1	25	1.7	230	60	4.8	3440
	260		10.24	260	57.3	26	1.27	460	60	2.4	3440
	330		12.99	330	59.5	27					
	410		16.14	410	63.9	29					
	500		19.69	500	66.2	30					
	610		24.02	610	70.6	32					
STL143S220	30/88	16.0	8.46	215	79.4	36	2.6	230	60	7.0	3480
	300		11.61	295	81.6	37	1.95	460	60	3.5	3480
	370		14.37	365	83.8	38					
	450		17.52	445	86.0	39					
	540		21.06	535	88.2	40					
	650		25.39	645	90.4	41					
STL144S250	30/118	17.3	9.84	250	90.4	41	3.4	230	60	8.8	3480
	330		12.99	330	92.6	42	2.55	460	60	4.4	3480
	400		15.75	400	94.8	43					
	480		18.90	480	97.0	44					
	570		22.44	570	101.4	46					
	680		26.77	680	103.6	47					
STL145S300	30/148	17.3	11.81	300	101.4	46	3.9	230	60	10.2	3480
	380		14.96	380	103.6	47	2.94	460	60	5.1	3480
	450		17.72	450	105.8	48					
	530		20.87	530	108.0	49					
	620		24.41	620	110.2	50					
	730		28.74	730	114.7	52					
STL146S330	30/180	18.8	13.19	335	125.7	57	5.1	230	60	12.8	3520
	410		16.34	415	127.9	58	3.8	460	60	6.4	3520
	480		19.09	485	132.3	60					
	560		22.24	565	134.5	61					

Dimensions in Inches / mm
 *) Dimensions for STL141, 142
 **) Dimensions for STL146



Quick Suctioning Immersion Pumps

equipped with the patented "BRINK-MANN's Suction De-aeration System" are excellently suited for pumping **extremely air entrained fluids** (emulsions resp. cooling/cutting oils) as they occur in heavy cutting when turning, milling or grinding. The quick suctioning immersion pumps reach stable working conditions as soon as the liquid level reaches the suction inlet.

The STL 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
- 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	brass
Shaft	steel
Optional: Impeller radial	cast steel

