

Quick Suctioning Immersion Pumps

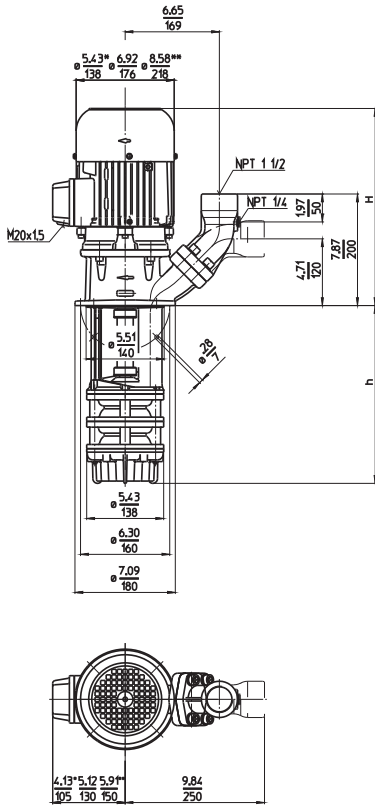


SAL401...407



Axial/semi-open impellers

SAL401...407



Dimensions in Inches / mm

*) Dimensions SAL401

**) Dimensions SAL405, 406, 407

Type	Flow at head		Height		Depth of immersion		Weight		Power HP kW	Voltage 3~ V	Fre- quen- cy Hz	Current Speed	
	GPM /Feet	H inch	H inch	h mm	Lbs	kg	AMPS	RPM					
SAL401S140	60/30	13.1	5.51	140	48.5	22	1.3	230	60	4	3450		
220			8.66	220	50.7	23	0.98	460	60	2	3450		
290			11.42	290	52.9	24							
370			14.57	370	55.1	25							
460			18.11	460	59.5	27							
570			22.44	570	61.7	28							
770			30.31	770	77.2	35							
920			36.22	920	81.6	37							
SAL402S190	60/45	15.0	7.48	190	70.6	32	2	230	60	5.4	3500		
270			10.63	270	72.8	33	1.49	460	60	2.7	3500		
340			13.39	340	75.0	34							
420			16.54	420	77.2	35							
510			20.08	510	81.6	37							
620			24.41	620	83.8	38							
820			32.28	820	99.2	45							
970			38.19	970	103.6	47							
SAL403S240	60/68	17.3	9.45	240	90.4	41	2.9	230	60	7.8	3500		
320			12.60	320	92.6	42	2.18	460	60	3.9	3500		
390			15.35	390	94.8	43							
470			18.50	470	97.0	44							
560			22.05	560	99.2	45							
670			26.38	670	103.6	47							
870			34.25	870	116.9	53							
1020			40.16	1020	123.5	56							
SAL404S290	60/98	17.3	11.42	290	99.2	45	3.9	230	60	10.2	3480		
370			14.57	370	101.4	46	2.94	460	60	5.1	3480		
440			17.32	440	103.6	47							
520			20.47	520	108.0	49							
610			24.02	610	110.2	50							
720			28.35	720	114.7	52							
920			36.22	920	127.9	58							
1070			42.13	1070	132.3	60							
SAL405S340	60/120	18.8	13.39	340	127.9	58	5.1	230	60	12.8	3520		
420			16.54	420	130.1	59	3.8	460	60	6.4	3520		
490			19.29	490	132.3	60							
570			22.44	570	134.5	61							
660			25.98	660	136.7	62							
770			30.31	770	143.3	65							
970			38.19	970	156.6	71							
1120			44.09	1120	161.0	73							
SAL406S390	60/148	18.8	15.35	390	132.3	60	6.1	230	60	15.8	3520		
470			18.50	470	136.7	62	4.55	460	60	7.9	3520		
540			21.26	540	138.9	63							
620			24.41	620	141.1	64							
710			27.95	710	143.3	65							
820			32.28	820	147.7	67							
1020			40.16	1020	163	74							
SAL407S440	60/175	20.0	17.32	440	158.8	72	7.7	230	60	19.0	3520		
520			20.47	520	161.0	73	5.75	460	60	9.5	3520		
590			23.23	590	163	74							
670			26.38	670	168	76							
760			29.92	760	170	77							
870			34.25	870	174	79							



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 SAL 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

