

Quick Suctioning Immersion Pumps

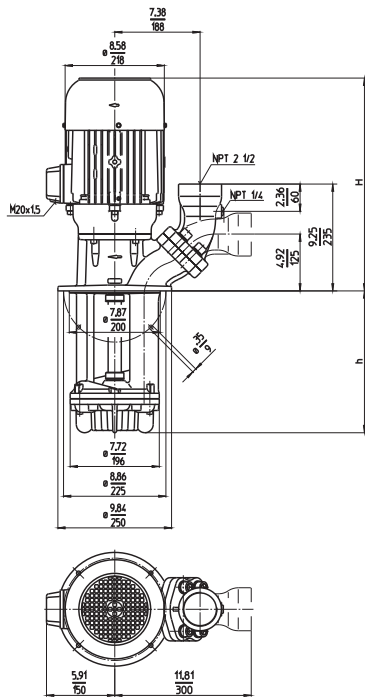
SAL630...1130

Axial/semi-open impellers

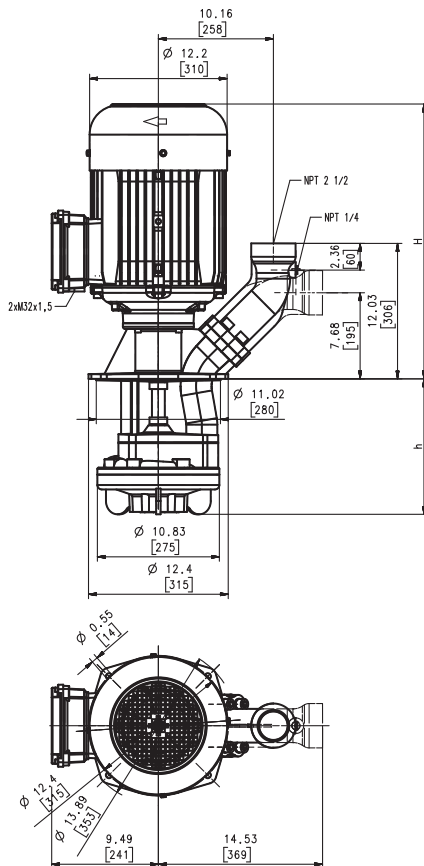


60 Hz

SAL630, 830



SAL1130



Type	Flow at head	Height	Depth of im- mersion		Weight		Power	Voltage 3 ~	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
SAL630S220	150/75 600/22	21.0 533	8.66	220	149.9	68	7.7 5.75	230 460	60 60	19.0 9.5	3520 3520
320			12.60	320	156.6	71					
450			17.72	450	165	75					
570			22.44	570	176	80					
770			30.31	770	198	90					
1000			39.37	1000	214	97					
SAL830S230	200/72 800/22	21.0 533	9.06	230	154.4	70	7.7 5.75	230 460	60 60	19.0 9.5	3520 3520
330			12.99	330	161.0	73					
460			18.11	460	170	77					
580			22.83	580	181	82					
780			30.71	780	203	92					
1010			39.76	1010	218	99					
1130		18.4	44.49	1130	225	102					
SAL1130S310	400/75 1400/24	24.4 620	12.20	310	326	148	16.9 12.6	230 460	60 60	39.2 19.6	3560 3560
440			17.32	440	331	150					
560			22.05	560	346	157					
810			31.89	810	384	174					
1060			41.73	1060	390	177					

Discharge port with NPT 2 inches available upon request.
Dimensions in Inches / mm



Quick Suctioning Immersion Pumps

equipped with the patented "BRINKMANN'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 **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	cast steel
Shaft	steel

