

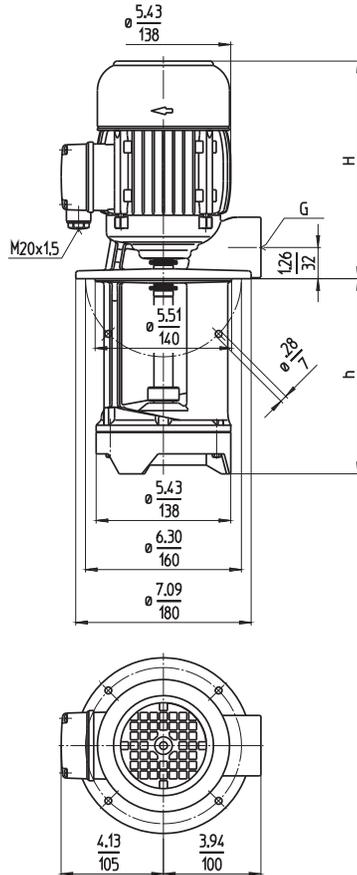
Immersion Pumps

TA160...600

Semi-open impellers



TA160, 250, 400 TA600



Dimensions in Inches / mm

Type	Flow at head	Height	Depth of im- mersion		Thread	Weight		Power	Voltage	Fre- quen- cy	Current	Speed
	GPM /Feet l/min /m	H inch mm	h inch	h mm	G	Lbs	kg	HP kW	V	Hz	AMPS	RPM
TA160S200	65/6 240/2	10.4 264	7.87	200	G 1 ¼	30.9	14.0	1 0.725	208-230 460	60 60	3.02 1.46	3425 3425
	270		10.63	270		33.1	15.0					
	350		13.78	350		35.3	16.0					
	440		17.32	440		38.6	17.5					
	550		21.65	550		41.9	19.0					
TA250S200	83/6 320/2	10.4 264	7.87	200	G 1 ¼	30.9	14.0	1 0.725	208-230 460	60 60	3.02 1.46	3425 3425
	270		10.63	270		33.1	15.0					
	350		13.78	350		35.3	16.0					
	440		17.32	440		38.6	17.5					
	550		21.65	550		41.9	19.0					
TA400S200	105/6 400/2	10.4 264	7.87	200	G 1 ½	32.0	14.5	1.3 0.98	230 460	60 60	4 2	3450 3450
	270		10.63	270		35.3	16.0					
	350		13.78	350		38.6	17.5					
	440		17.32	440		41.9	19.0					
	550		21.65	550		45.2	20.5					
TA600S210	120/6 460/2	11.5 291	8.27	210	G 1 ½	37.5	17.0	1.7 1.27	230 460	60 60	4.8 2.4	3440 3440
	280		11.02	280		40.8	18.5					
	360		14.17	360		43.0	19.5					
	450		17.72	450		46.3	21.0					
	560		22.05	560		49.6	22.5					



Immersion Pumps

are centrifugal pumps with the impeller fitted on the driving shaft extension. They are mounted on top of the container, the pump extension being immersed in the coolant.

The maximum coolant level must stay a few inches below the mounting flange.

The delivery capacities shown in the tables apply to water at 4.6 SSU (1 mm²/s) and 68°F (20°C).

For the delivery of oils, the values will decrease due to higher viscosities which result in an increased pipe resistance.

Applications

- Types of fluid
 - coolants
 - cooling/cutting oils
- Kinematic viscosity
 - ...200 SSU (...45 mm²/s)
- Pumping temperature
 - 30...140 °F (0...60 °C)
 - higher temperatures upon request

Construction

- Pump body cast iron
- Cover POM
- Impeller cast iron (TA600)
- brass (TA600)
- steel
- Optional:
 - Cover cast iron (TA160...TA400)
 - Suction cover with threaded G 1 ½ inlet (TA160...TA250)
 - with threaded G 2 inlet (TA400...TA600)
 - Impeller cast steel (TA160...TA600)
- Noise level (Motor only; Tolerance +3 dBA)
 - TA160...TA600 62 dBA

