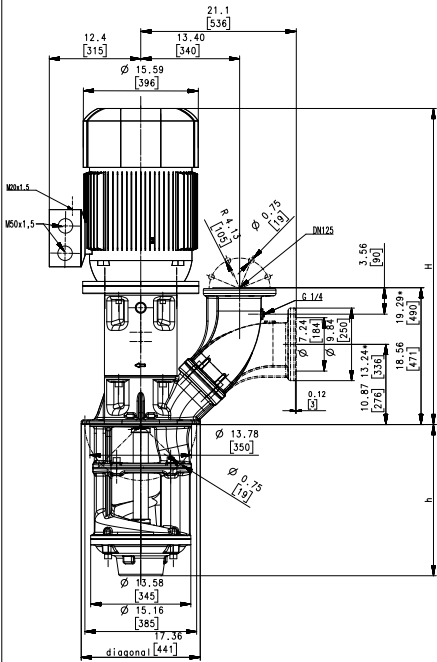


Immersion Pumps STA3600...4500

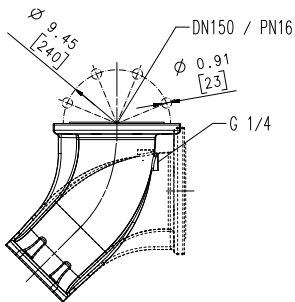
Semi-open impellers



STA3600...4500



6" Flange DN150/ PN16



Type	Flow at head	Height	Depth of immersion	Weight		Power HP kW	Voltage 3~ V	Fre- quen- cy Hz	Current AMPS	Speed RPM
	GPM /Feet l/min /m	H inch mm	h inch h mm	Lbs	kg					
STA3600S520	900/60	42.9	20.51 521	730	331	40 30.0	460	60	47	3560
	3400/20	1090								
	720		28.39 721	763	346					
	920		36.26 921	796	361					
1270		50.04 1271	939	426						
STA4500S520	1200/85	43.9	20.51 521	944	428	50 37.0	460	60	57	3560
	4400/27	1115								
	720		28.39 721	977	443					
	920		36.26 921	1010	458					
1270		50.04 1271	1153	523						

Dimensions in Inches / mm
*) Dimensions for flange DN150 / PN16
This flange is available upon request



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.

The STA 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	cast steel
Shaft	steel
Other materials	on request
Noise level (Motor only; Tolerance +3 dBA)	
STA3600...STA4500	88 dBA
Optional: Low noise version (-3 to -5 dBA)	

