

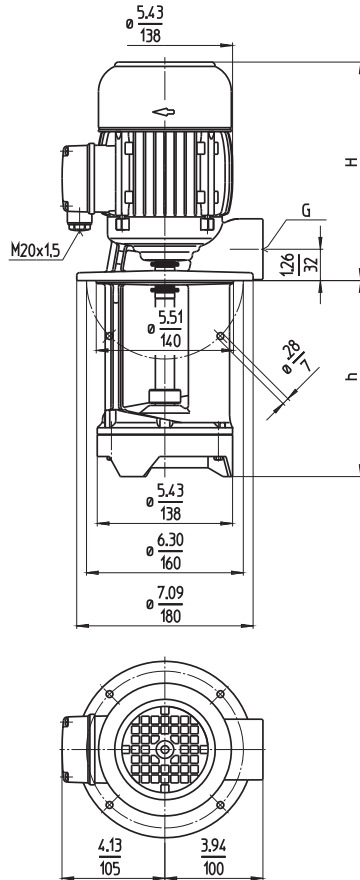
Immersion Pumps

TA160...600

Semi-open impellers



TA160, 250, 400 TA600



Dimensions in Inches / mm

| Type | Flow at head | Height | Depth of immersion | | Thread | Weight | | Power | Voltage | Frequency | Current | Speed |
|------------------|-----------------------|--------------|--------------------|------|--------|--------|------|----------|---------|-----------|---------|-------|
| | GPM /Feet l/min /m | H inch mm | h inch | h mm | G | Lbs | kg | HP kW | V | Hz | AMPS | RPM |
| TA160S200 | 68/6 | 8.8 | 7.87 | 200 | G 1 ¼ | 27.6 | 12.5 | 0.67 | 208-230 | 60 | 2.5 | 3300 |
| | 255/2 | 223 | | | | | | 0.5 | 460 | 60 | 1.4 | 3300 |
| | 270 | | 10.63 | 270 | | 29.8 | 13.5 | | | | | |
| | 350 | | 13.78 | 350 | | 32.0 | 14.5 | | | | | |
| | 440 | | 17.32 | 440 | | 35.3 | 16.0 | | | | | |
| 550 | | 21.65 | 550 | | 38.6 | 17.5 | | | | | | |
| TA250S200 | 90/6 | 8.8 | 7.87 | 200 | G 1 ¼ | 27.6 | 12.5 | 0.85 | 208-230 | 60 | 3.0 | 3250 |
| | 345/2 | 223 | | | | | | 0.63 | 460 | 60 | 1.5 | 3250 |
| | 270 | | 10.63 | 270 | | 29.8 | 13.5 | | | | | |
| | 350 | | 13.78 | 350 | | 32.0 | 14.5 | | | | | |
| | 440 | | 17.32 | 440 | | 35.3 | 16.0 | | | | | |
| 550 | | 21.65 | 550 | | 38.6 | 17.5 | | | | | | |
| TA400S200 | 105/6 | 10.4 | 7.87 | 200 | G 1 ½ | 32.0 | 14.5 | 1.3 | 230 | 60 | 4 | 3450 |
| | 400/2 | 264 | | | | | | 0.98 | 460 | 60 | 2 | 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 | 11.5 | 8.27 | 210 | G 1 ½ | 37.5 | 17.0 | 1.7 | 230 | 60 | 4.8 | 3440 |
| | 460/2 | 291 | | | | | | 1.27 | 460 | 60 | 2.4 | 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 |
| | cast iron (TA600) |
| Impeller | POM |
| | brass (TA600) |
| Shaft | steel |
| Optional: | |
| Cover | cast iron (TA160...TA400) |
| Suction cover | with threaded inlet |
| Impeller | brass (TA160...TA400) |
| | cast steel (TA160...TA600) |
| Noise level | |
| TA160...TA600 | 62 dBA |

