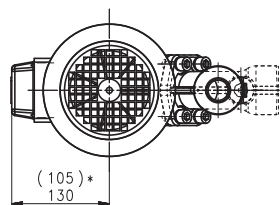
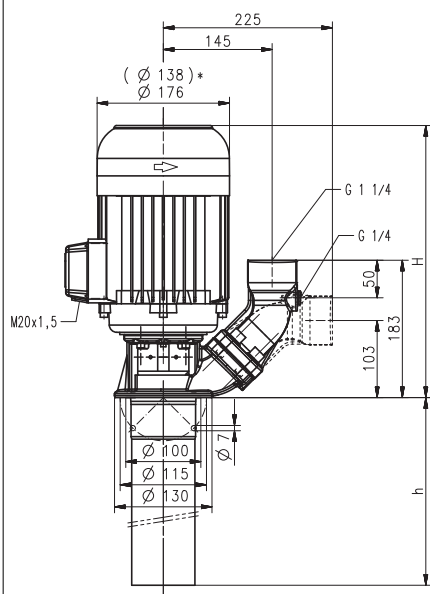


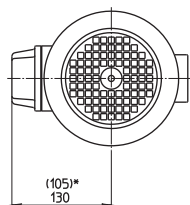
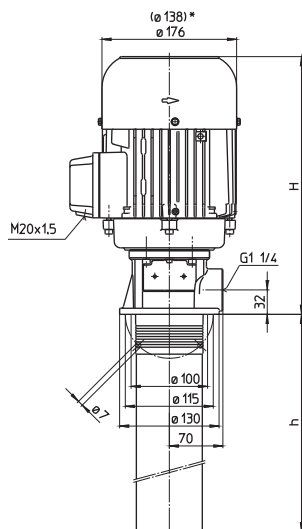
# Immersion Pumps (S)TC160

## Closed impellers

### STC160/330...740



### TC160/330...740



\*) Dimensions for (S)TC160/330

Type	Vol. del. at manom. del. head l/min / m	Height H mm	Depth of immersion h mm	Weight kg	Power kW	Voltage 3~ V	Fre- quen- cy Hz	Current A	Speed 1/min
<b>(S)TC160/330</b>	160/15	345	325	15	1.1	220-240	50	4.33	2850
						380-415	50	2.50	2850
<b>(S)TC160/430</b>	160/27	393	425	23	1.27	460	60	2.4	3440
					1.7	220-240	50	6.24	2890
<b>(S)TC160/580</b>	160/40	425	580	29		380-415	50	3.60	2890
					1.95	460	60	3.5	3480
<b>(S)TC160/740</b>	160/52	425	735	30	2.2	220-240	50	7.8	2890
						380-415	50	4.5	2890
					2.55	460	60	4.4	3480
					2.6	220-240	50	9.30	2880
						380-415	50	5.35	2880
					2.94	460	60	5.1	3480

### Immersion Pumps

Our multistage pump models (S)TC25... (S)TC460 have been especially developed to supply **internally cooled tools** with coolant fluid.

**Closed impellers** provide optimal hydraulic efficiencies while minimizing power consumption.

A **frequency converter** can be supplied for **special applications** or for matching the pump characteristic to a specific duty point.

See page "Control/Regulation" in the Technical Information section of this catalog for further information.

**Extended length is possible.** See medium pressure pumps features within the technical information section.

### Applications

- Types of fluid
  - Industry water
  - coolants
  - cooling/cutting oils
- Kinematic viscosity
  - ...45 mm<sup>2</sup>/s (45 cSt)
- Pumping temperature
  - 0...60° C

### Construction

- |                 |           |
|-----------------|-----------|
| Pump body       | cast iron |
| Pump shell      | steel     |
| Cover           | PBTP      |
| Intake strainer | steel     |
| Impellers       | PBTP      |
| Shaft           | steel     |
| Mechanical seal | SiC       |
| O-rings         | Viton     |

- |                |            |
|----------------|------------|
| Optional:      |            |
| Pump body      | CrNi-steel |
| Threaded inlet | G 1 1/4    |

- |                             |        |
|-----------------------------|--------|
| Noise level                 |        |
| (S)TC160/330                | 58 dBA |
| (S)TC160/430...(S)TC160/740 | 63 dBA |

