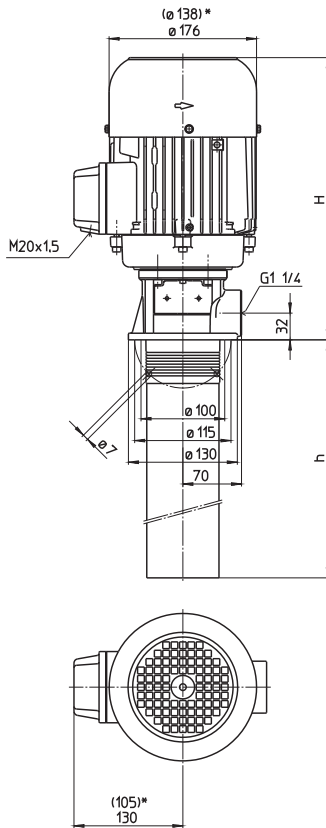


## TC160/330...740



\*) Dimensions for TC160/330

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Depth of im- mersion h mm	Weight kg	Power kW	Voltage 3 ~ V	Fre- quency Hz	Rated current A	Speed 1/min
<b>TC160/330</b>	160/15	314	325	14	1.1	220-240 380-420 460	50 50 60	5.0 2.9 2.9	2700 2700 3300
<b>TC160/430</b>	160/27	337	425	22	1.7	220-240 380-420 460	50 50 60	7.1 4.1 4.1	2850 2850 3400
<b>TC160/580</b>	160/40	377	580	27	2.2	220-240 380-420 460	50 50 60	9.2 5.3 5.3	2850 2850 3400
<b>TC160/740</b>	160/52	387	735	29	2.6	220-240 380-420 460	50 50 60	10.9 6.3 6.3	2850 2850 3400

### Immersion Pumps

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

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

For alternating machining using **internally** and **externally cooled tools**, these models are available with Y/YY-configured **pole-changing motor** (Dahlander) for optional changeover to **half speed** operation.

**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.

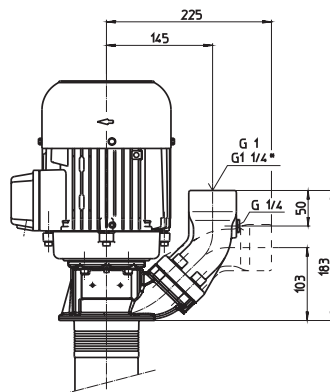
**Extended length is possible.** See mechanical/hydraulic features within the technical information section.

### Applications

Types of fluid  
water  
coolants  
cooling/cutting oils

Kinematic viscosity  
...90 mm<sup>2</sup>/s (90 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:

Pole-changing motor	4 - 2 poles
Pump body	bronze CrNi-steel

Noise level

TC160/330	58 dBA
TC160/430...TC160/740	63 dBA

Upon request  
all STC pumps are available with an SAE flange  
) Dimensions STC160

