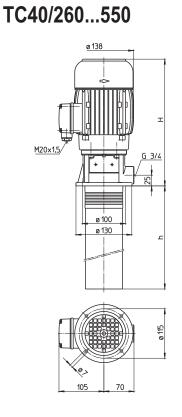
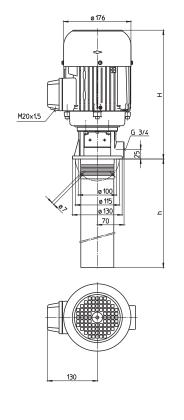
### Immersion pumps Closed impellers

# **TC40**



# TC40/715...720



	Vol. del. at manom. del. head	Height	Depth of im- mersion	Weight	Power	Voltage 3 ~	Fre- quency	Rated current	Speed
Туре	l/min /m	H mm	h mm	kg	kW	V	Hz	А	1/min
TC40/260	25/27	276	260	10	0.42	220-240	50	1.4	2800
						380-420 460	50 60	0.8 0.8	2800 3300
TC40/340	25/40	276	335	11.5	0.5	220-240 380-420 460	50 50 60	2.42 1.40 1.40	2800 2800 3300
TC40/430	25/60	294	430	13.5	0.85	220-240 380-420 460	50 50 60	4.3 2.5 2.5	2800 2800 3300
TC40/550	25/80	314	550	15.5	1.1	220-240 380-420 460	50 50 60	5.0 2.9 2.9	2700 2700 3300
TC40/715	25/95	337	720	24	1.5	220-240 380-420 460	50 50 60	6.6 3.8 3.8	2850 2850 3400
TC40/720	25/120	337	720	25	1.7	220-240 380-420 460	50 50 60	7.1 4.1 4.1	2850 2850 3400



### **Immersion pumps Closed impellers**

## ТС4

#### **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-connfigured **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.



### Applicatio

Applications	Cons
Types of fluid water coolants cooling/cutting oils Kinematic viscosity 25 mm²/s (25 cSt) Pumping temperature 060° C	Pump Pump Cover Intake Impel Shaft Mech O-ring
	Option Pole-o Pump
	Noise TC4 TC4 Upon r all STC *) Dime
Ë 160 +	+ + +
Line 160 Line 160 Lin	
TC40/ 720	
<b>a</b> 140	
130	
120 TC40/ 715	
100 TC40/	
90	
80 TC40/	
70	
60 - TC40/	
50	+++
40 - TC40/	
40 TC40/ 260	
30	$\mathbb{N}$
20	
10	
	// ``
0 10 20 30 40	50 60 70
	etric delivery l/min
A	_

#### Construction

cast iron
steel PBTP steel PBTP steel SiC Viton
4 - 2 poles bronze CrNi-steel
58 dBA 63 dBA

#### Upon request

all STC pumps are available with an SAE flange \*) Dimensions STC160

