

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	71.28
Ratio (i=)		19.64
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	22
Service factor		1.8
Thermal power	[kW]	23.5

Output data

Gear unit T F 180 B 20 180_B5 O B3 H70

Type		T - Bevel helical gearboxes
Input type		F
Size		180B
Ratio (i=)		19.64
Input flange		B5
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	71.28
Rated output torque	[Nm]	2800.03
Service Factor		1.8
Efficiency		0.95

Gear unit configuration

Output shaft	H70
Fixing	Universal

Electric motor

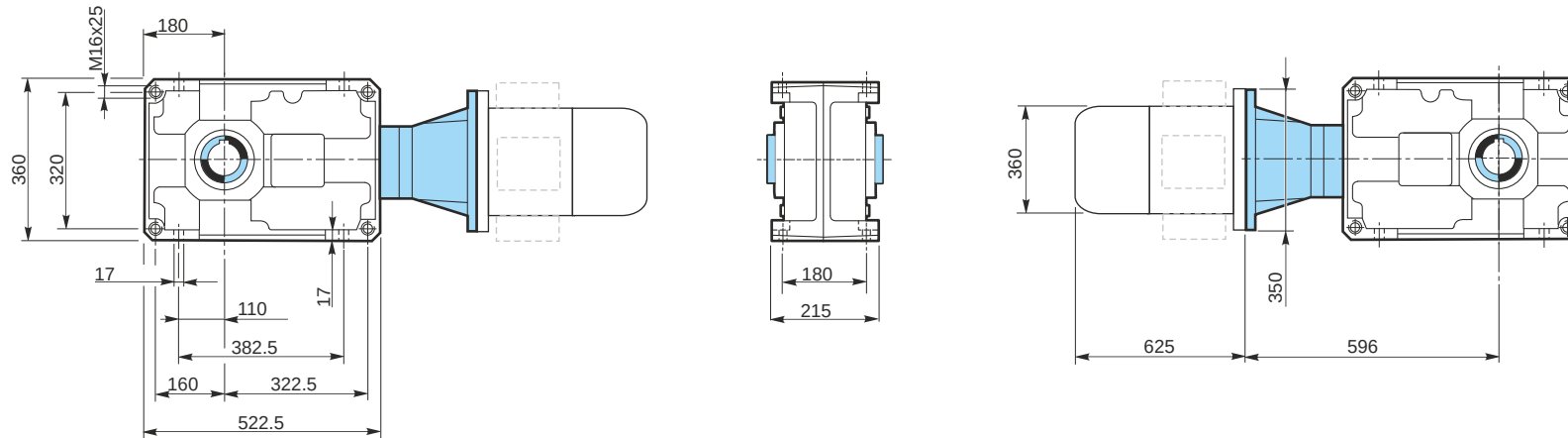
Size	180 L
Poles	4
Power	[kW] 22

Electric motor configuration

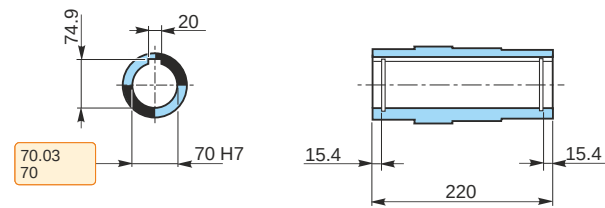
Motor flange	B5
Terminal box position	A

Electric motor configuration

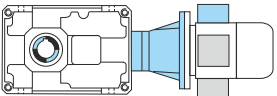
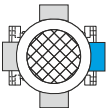
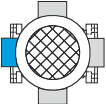
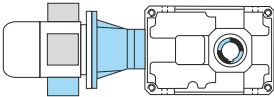
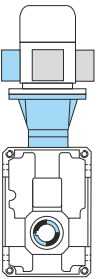
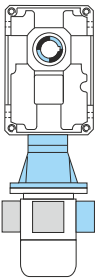
Voltage	230/400 V - 50 Hz
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Hollow output shaft

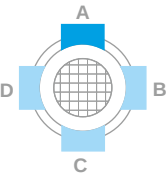


Mounting positions

B3	B6	B7	B8	VA	VB
	 				
7.5	7.5	9.7	9.2	8	8

Lubricant type: Long life synthetic oil ISO VG320

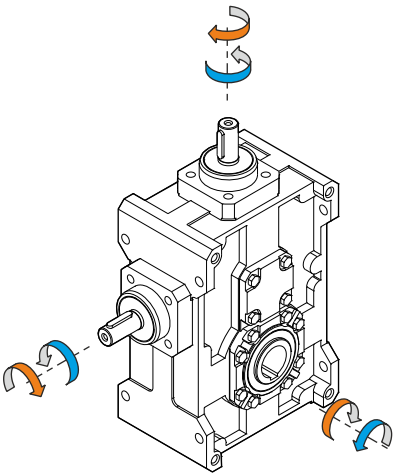
Terminal board position



The dimensions of the electric motors are approximate values



Direction of rotation



Weight

Gear unit [kg]	136
Electric Motor [kg]	151