

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	46.67
Ratio (i=)		30
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.25
Service factor		1.8
Thermal power	[kW]	0.6

Output data

Gear unit X C 50 30 H25 71_B14 B3

Type		X - Worm gearboxes
Input type		C
Size		50
Ratio (i=)		30
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	46.67
Rated output torque	[Nm]	36.32
Service Factor		1.8
Efficiency		0.71

Gear unit configuration

Output shaft		H25
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Output radial and axial loads

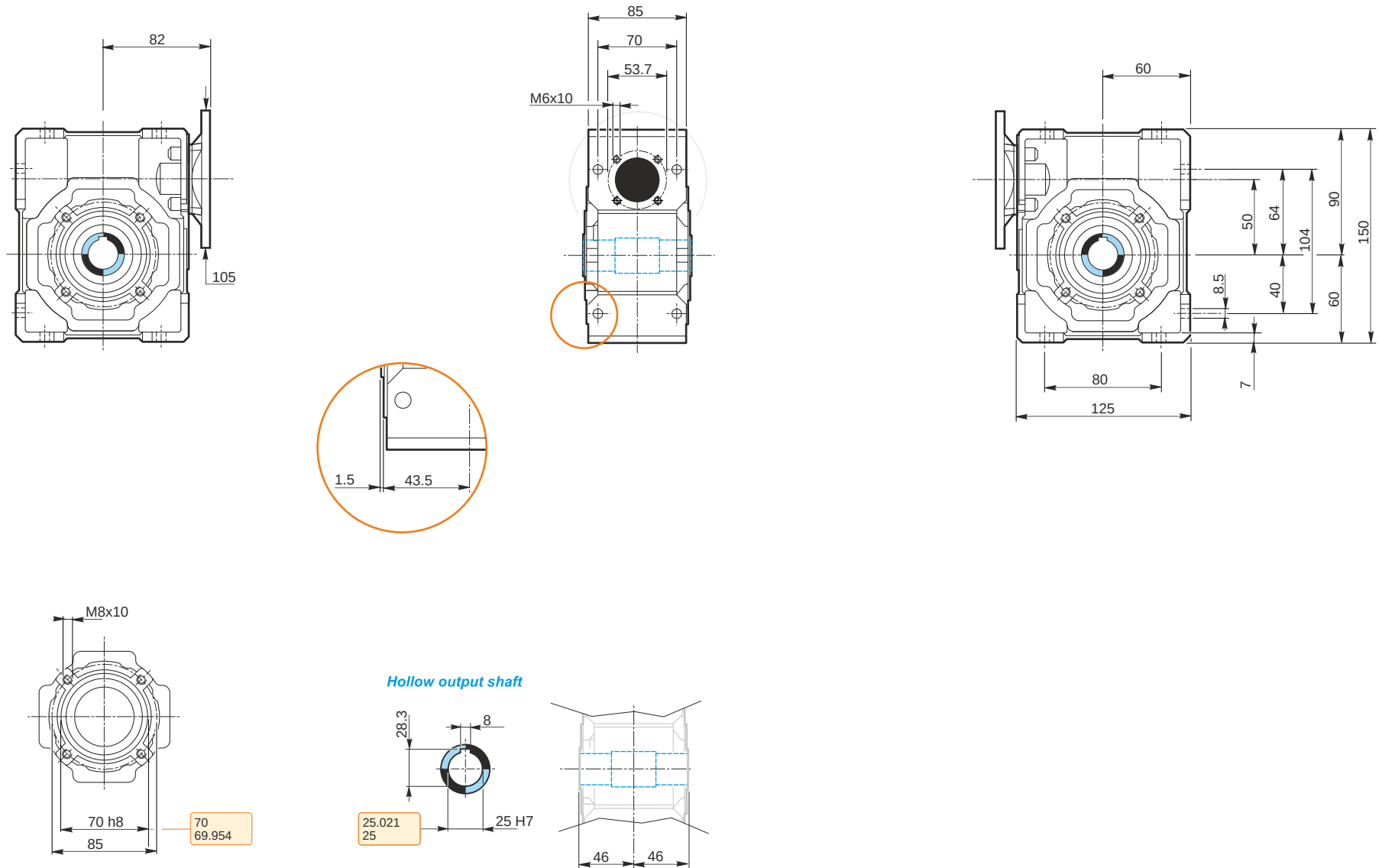
Ball bearings output radial load	[N]	2600
Taper bearings output radial load	[N]	6500
Ball bearings output axial load	[N]	520

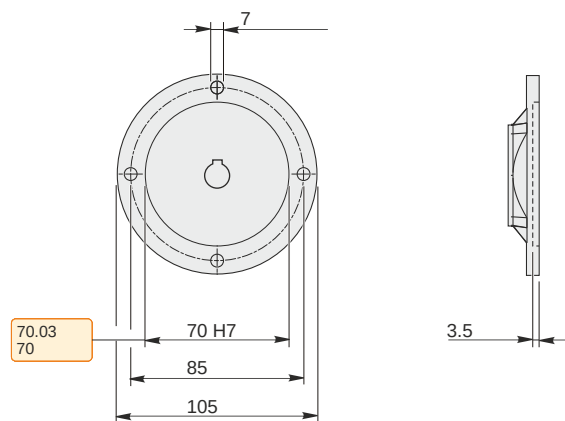
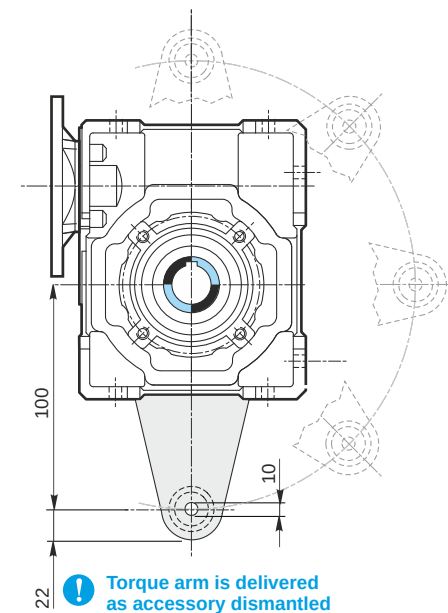
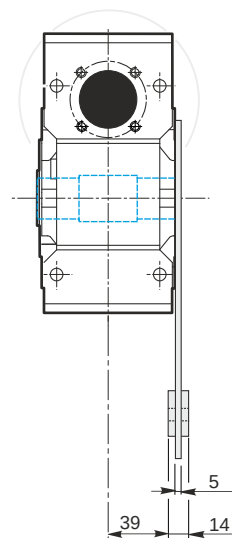
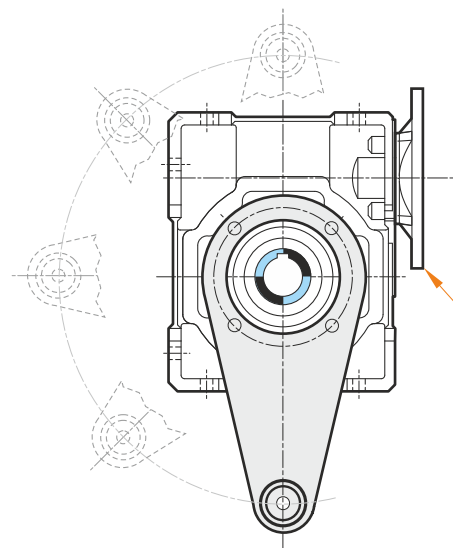
Accessories

Torque arm		
Torque arm position		S

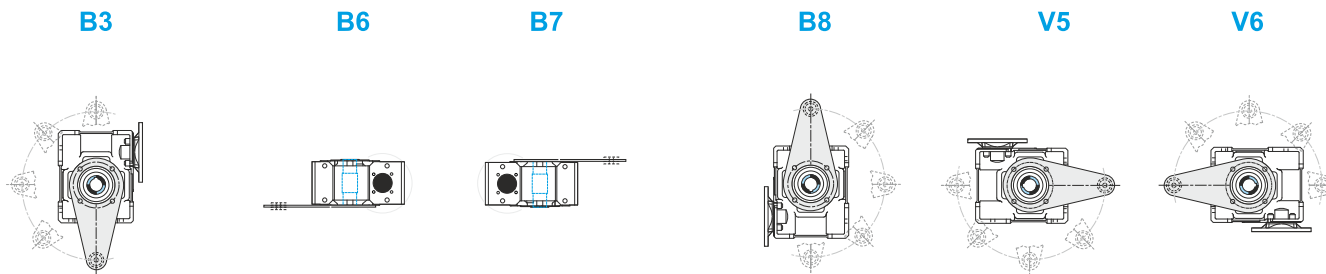
Electric motor coupling

Size		71 A
Poles n.		4
Power	[kW]	0.25

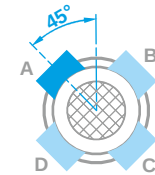




Mounting positions



Terminal board position

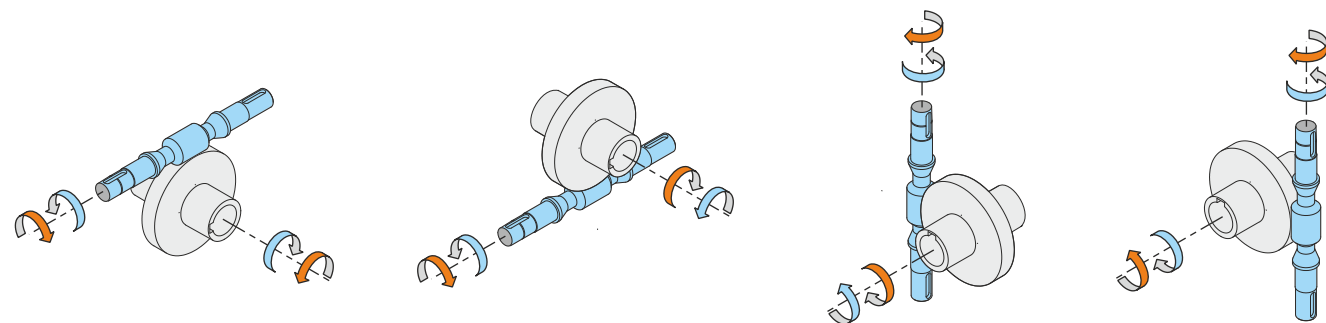


PM = 2

0.08	0.08	0.08	0.08	0.08	0.08		Oil quantity [litres]
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Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight (approximate values)

Gear unit [kg]

4