

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Ratio (i=)		15
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.37
Service factor		2.5
Rated Power P1	[kW]	0.93

Output data

Gear unit **M RT 50 B3 15 71 B14 AC 24 MT 0.37 kW 71 B4 B14 X3**

Type		RT - Worm speed reducers
Input type		M
Size		50
Ratio (i=)		15
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Rated output torque	[Nm]	29.53
Service Factor		2.5
Efficiency		0.78
Inertia moment	[kgm ²]	0.00005

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

Ball bearings output radial load	[N]	1700
Taper bearings output radial load	[N]	2400
Ball bearings output axial load	[N]	340
Taper bearings output axial load	[N]	480

Accessories

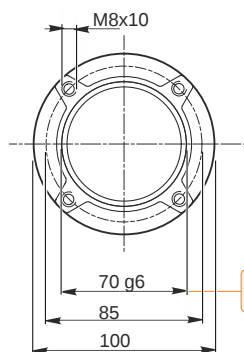
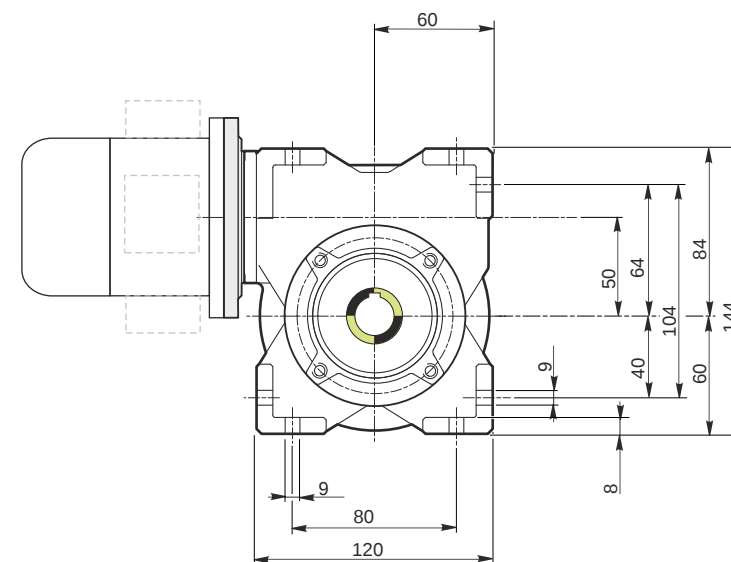
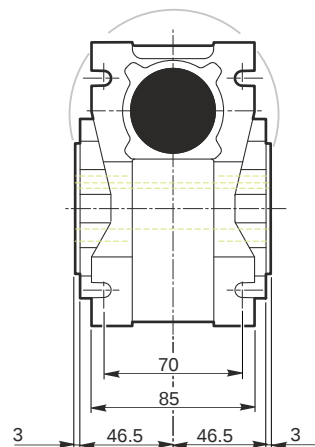
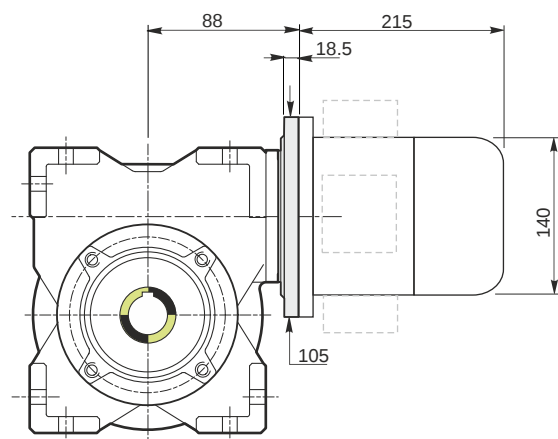
Hollow output shaft		AC 24
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Electric motor

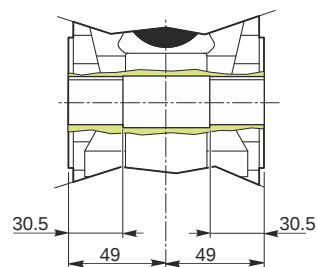
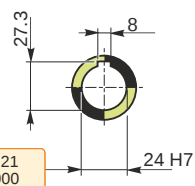
Size		71 B4
Poles		4
Power	[kW]	0.37

Electric motor configuration

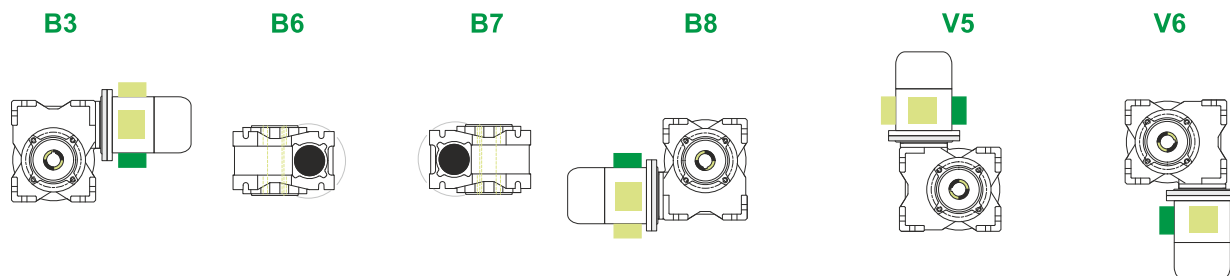
Motor flange		B14
Terminal box position		X3



Hollow output shaft



Mounting positions



Terminal box position



0.13



Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	3.8
Electric motor [kg]	6.2

Gearing data

Axial module	2.5
Number of starts	2
Lead angle	11° 18'
Pressure angle	20°

Backdriving

Variable static self-locking
Quick back-driving in case of vibrations
Dynamic back-driving

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