

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	200
Ratio (i=)		7
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	1.5
Service factor		1.8
Rated Power P1	[kW]	2.75

Output data

Gear unit **M RS 60 PC 7 90 B14 AC 25 MT 1.5 kW 90 L4 B14 X3 B3**

Type		RS - Worm speed reducers
Input type		M
Size		60
Ratio (i=)		7
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	200
Rated output torque	[Nm]	61.6
Service Factor		1.8
Efficiency		0.86
Inertia moment	[kgm ²]	0.000134

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Shaft mounting
Version	PC

Output radial and axial loads

Ball bearings output radial load	[N]	2400
Taper bearings output radial load	[N]	3000
Ball bearings output axial load	[N]	480
Taper bearings output axial load	[N]	600

Accessories

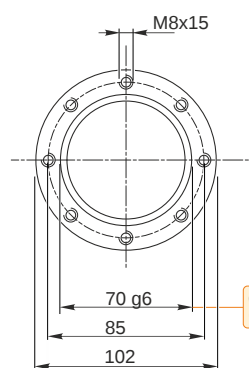
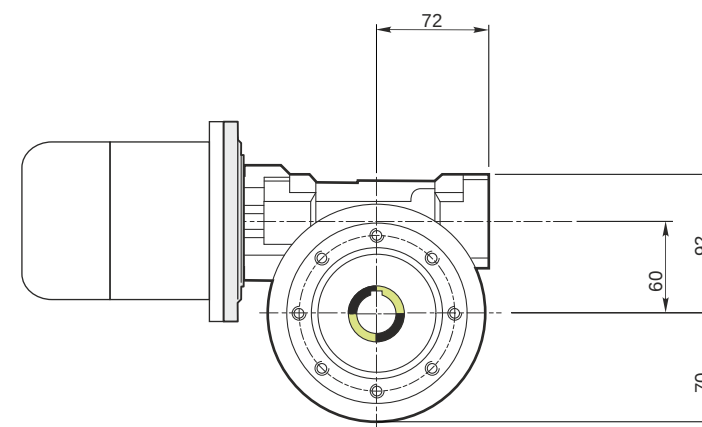
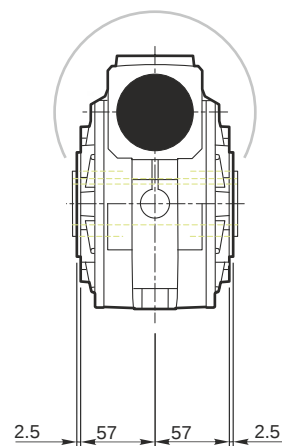
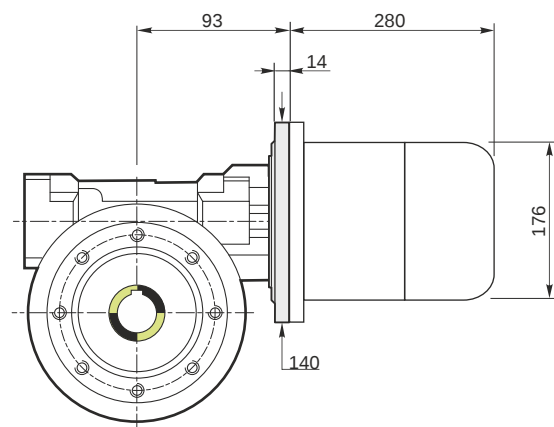
Hollow output shaft	AC 25
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Electric motor

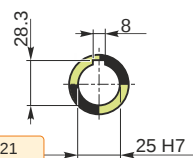
Size		90 L4
Poles		4
Power	[kW]	1.5

Electric motor configuration

Motor flange	B14
Terminal box position	X3

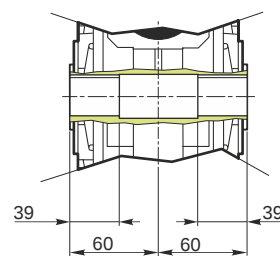


Hollow output shaft

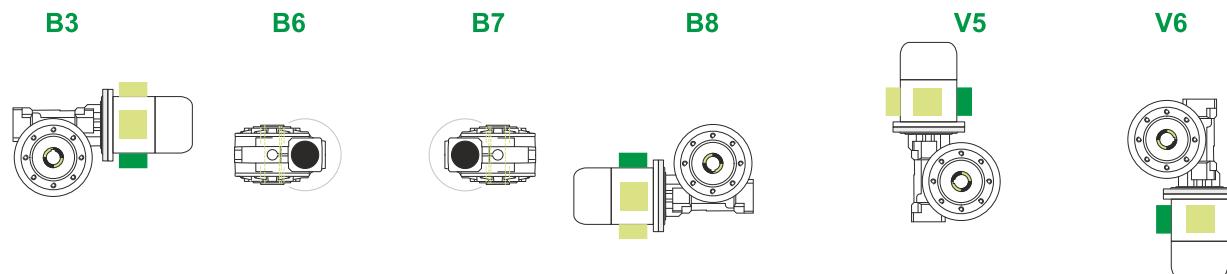


69.99
69.971

25.021
25.000



Mounting positions



Terminal box position



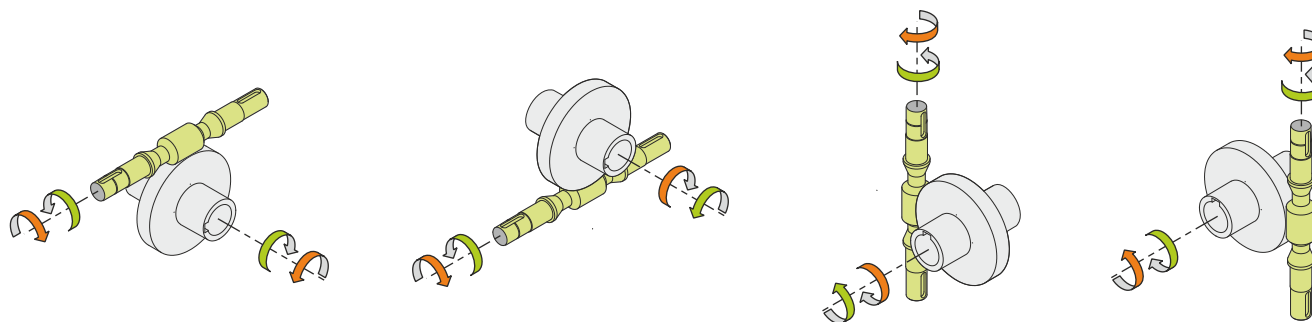
0.23



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	6.5
Electric motor [kg]	13.5

Gearing data

Axial module	3.3
Number of starts	4
Lead angle	25° 33'
Pressure angle	20°

Backdriving

Static back-driving
Quick back-driving
Dynamic back-driving

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