

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	50
Ratio (i=)		28
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.75
Service factor		1.4
Rated Power P1	[kW]	1.02

Output data

Gear unit **M RS 60 PC 28 80 B14 AC 25 MT 0.75 kW 80 B4 B14 X3 B3**

Type		RS - Worm speed reducers
Input type		M
Size		60
Ratio (i=)		28
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	50
Rated output torque	[Nm]	101.71
Service Factor		1.4
Efficiency		0.71
Inertia moment	[kgm ²]	0.000105

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Shaft mounting
Version	PC

Output radial and axial loads

Ball bearings output radial load	[N]	3600
Taper bearings output radial load	[N]	4800
Ball bearings output axial load	[N]	720
Taper bearings output axial load	[N]	960

Accessories

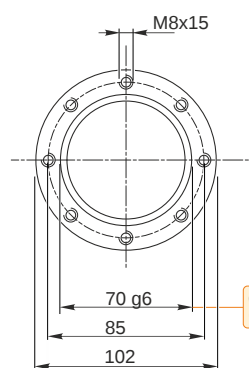
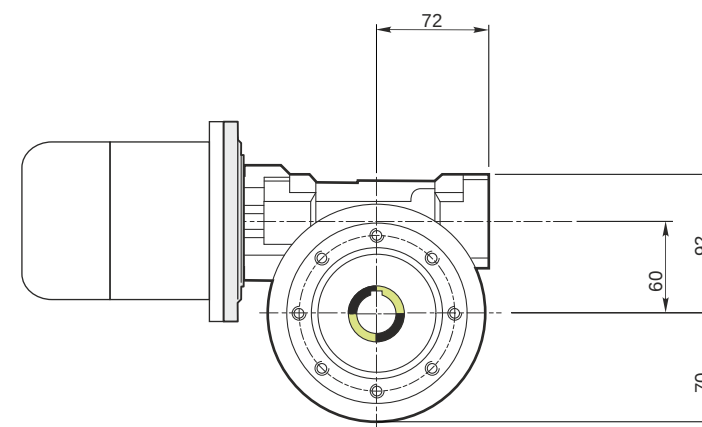
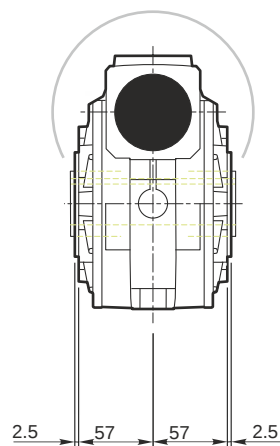
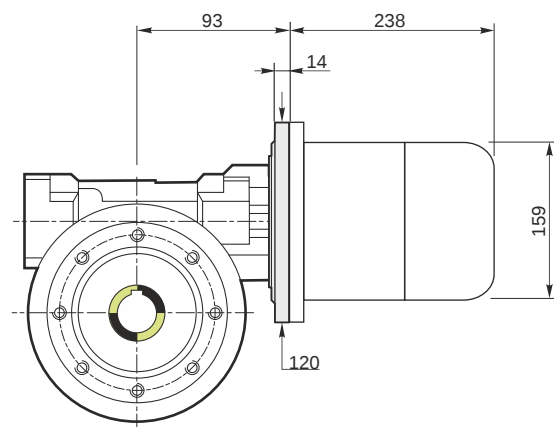
Hollow output shaft	AC 25
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Electric motor

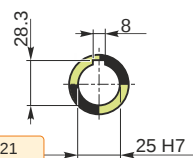
Size		80 B4
Poles		4
Power	[kW]	0.75

Electric motor configuration

Motor flange	B14
Terminal box position	X3

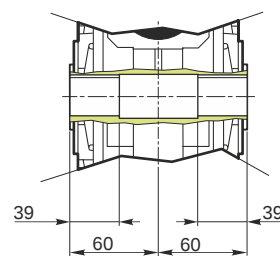


Hollow output shaft

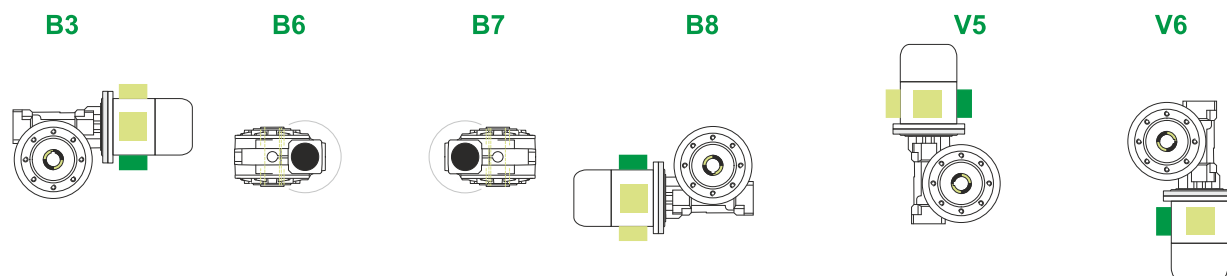


69.99
69.971

25.021
25.000



Mounting positions



Terminal box position



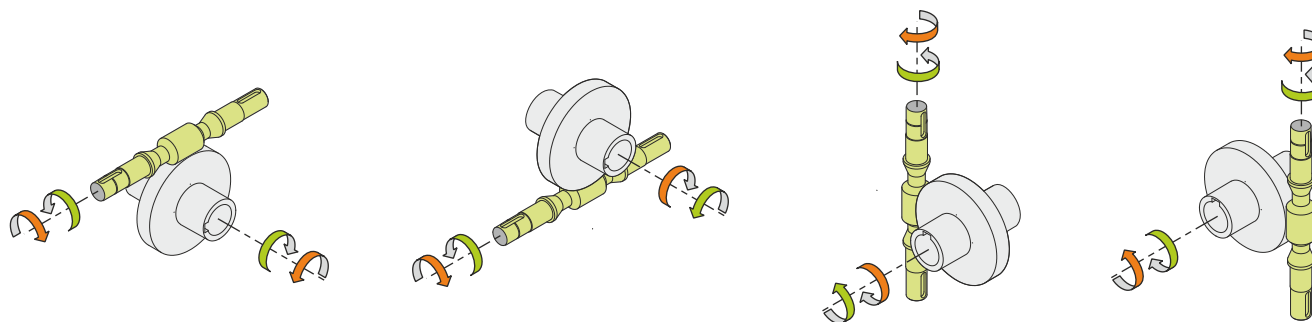
0.23



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	6.5
Electric motor [kg]	9.8

Gearing data

Axial module	3.3
Number of starts	1
Lead angle	6° 49'
Pressure angle	20°

Backdriving

Static self-locking
Slow back-driving in case of vibrations
Low dynamic back-driving