

Input data

System of measurement		Metric	
Input type		Gear motor	
Input speed	[rpm]	1400	
Output speed	[rpm]	0.89	
Ratio (i=)		1568	
Frequency	[Hz]	50	
Input options		IEC	
Requested input power	[kW]	0.06	
Service factor		0.5	Warning! The torque generated by the selected motor is above the gearbox rated output torque; please refer to the gearbox rated output torque.
Rated Power P1	[kW]	0.03	

Output data

Gear unit	M RS/RS 28/60 S (bolted) 11 1568 56 B14 AC 25 MT 0.06 kW 56 A4 B14 X3 B3		
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Type		RS/RS - Worm speed reducers
Input type		M
Size		28/60
Ratio (i=)		1568
Gearbox ratio		28.00
Pre-stage ratio		56.00
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	0.89
Rated output torque	[Nm]	91
Service Factor		0.5
Efficiency		0.27

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Feet
Version		S (bolted)
Attachment position		11

Output radial and axial loads

Ball bearings output radial load	[N]	5600
Taper bearings output radial load	[N]	6600
Ball bearings output axial load	[N]	1120
Taper bearings output axial load	[N]	1320

Accessories

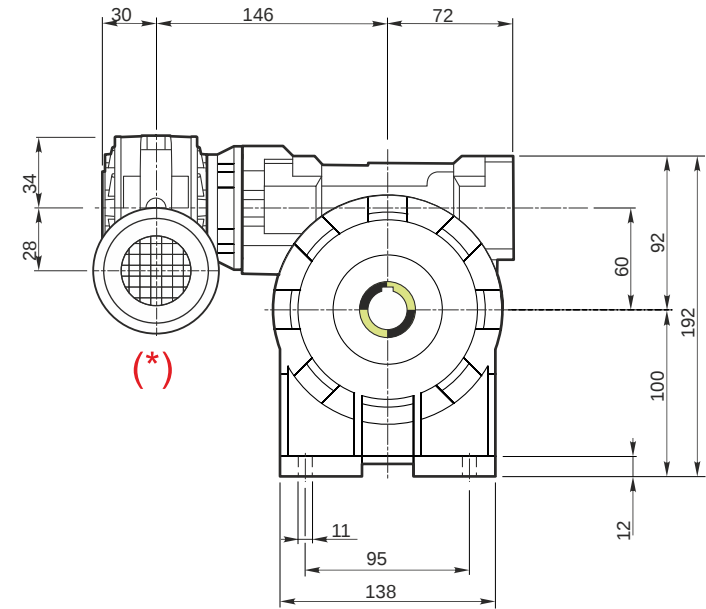
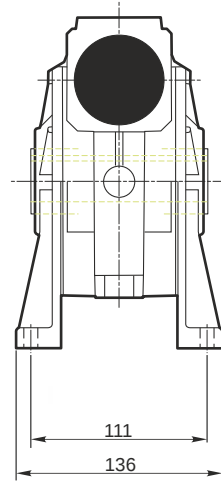
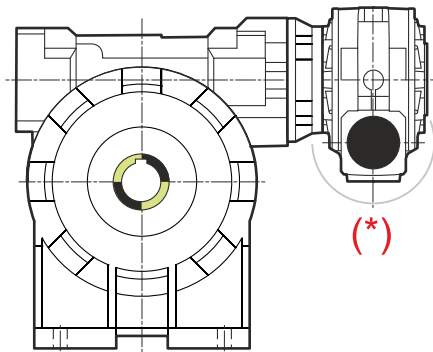
Hollow output shaft		AC 25
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Electric motor

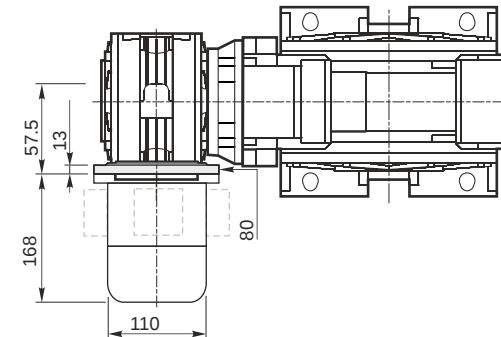
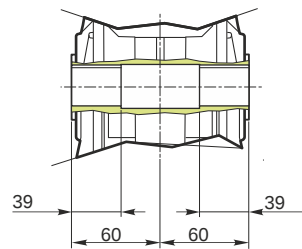
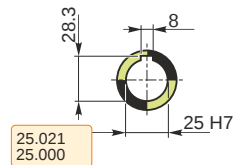
Size		56 A4
Poles		4
Power	[kW]	0.06

Electric motor configuration

Motor flange		B14
Terminal box position		X3

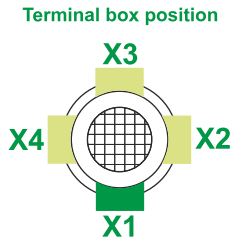
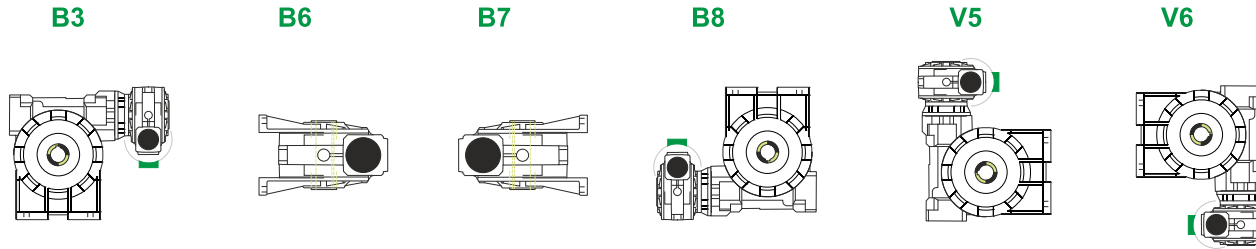


Hollow output shaft



M RS/RS 28/60 S (bolted) 11 1568 56 B14 AC 25 MT 0.06 kW 56 A4 B14 X3 B3

Mounting positions

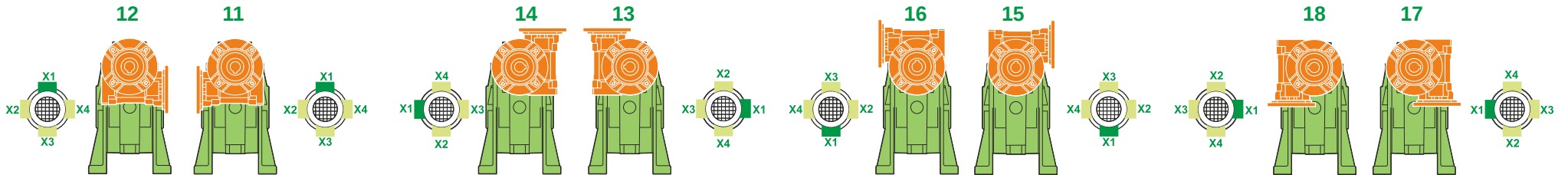


0.03	1
0.23	2

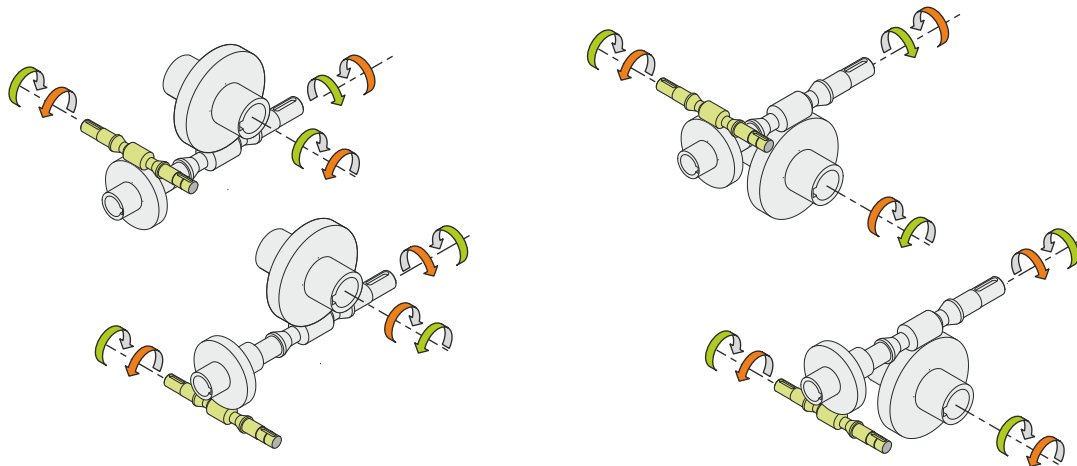


Lubricant type: Long life synthetic oil ISO VG320

Attachment position



Direction of rotation



Weight

Gear unit [kg]	7.9
Electric motor [kg]	2.6

Gearing data 2

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

Backdriving

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

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