Input data

System of measurement		Metric	
Input type		Gear motor	
Input speed	[rpm]	1400	
Output speed	[rpm]	1.25	
Ratio (i=)		1120	
Frequency	[Hz]	50	
Input options		IEC	
Requested input power	[kW]	0.06	
Service factor		0.6	**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]	0.04	

Output data

Gear unit		**M RT/RT 28/60 B3 21 1120 56 B14 AC 25 MT 0.06 kW 56 A4 B14 X3**
Type		RT/RT - Worm speed reducers
Input type		M
Size		28/60
Ratio (i=)		1120
Gearbox ratio		28.00
Pre-stage ratio		40.00
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	1.25
Rated output torque	[Nm]	91
Service Factor		0.6
Efficiency		0.33

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3
Attachment position		21

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

Electric motor

Size		56 A4
Poles		4
Power	[kW]	0.06

Electric motor configuration

Motor flange		B14
Terminal box position		X3

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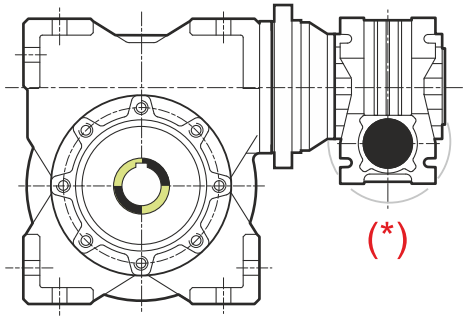
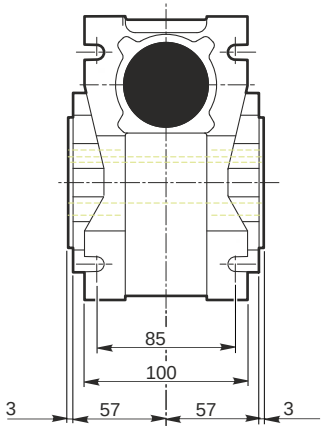
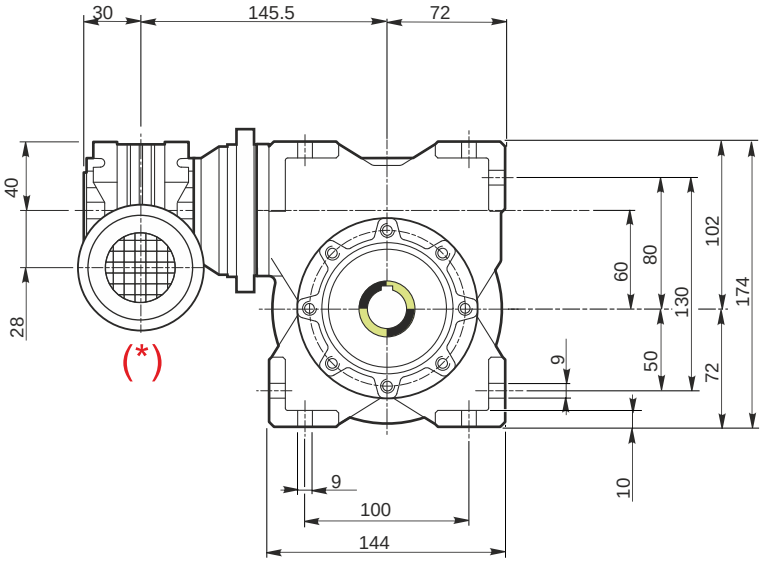
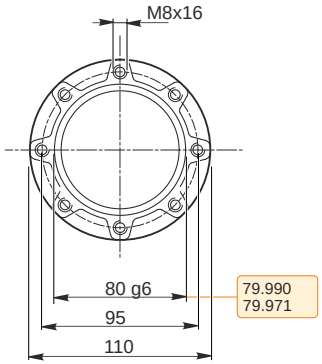
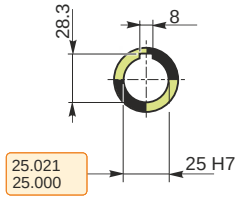


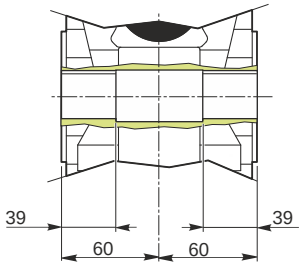


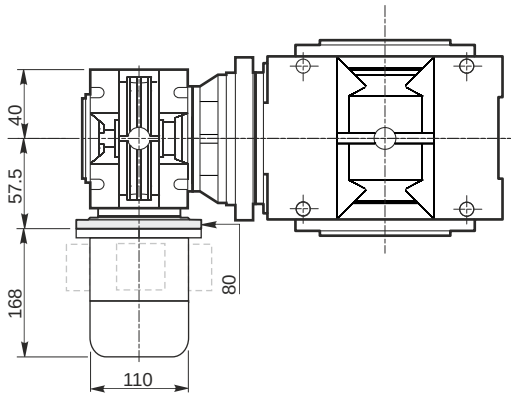




Hollow output shaft







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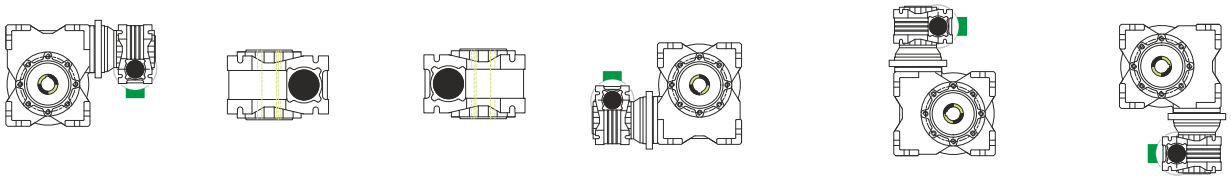
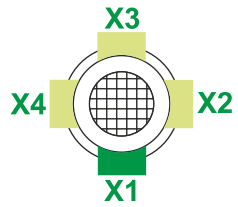
Mounting positions

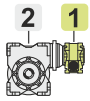
B3 B6 B7 B8 V5 V6



Terminal box position



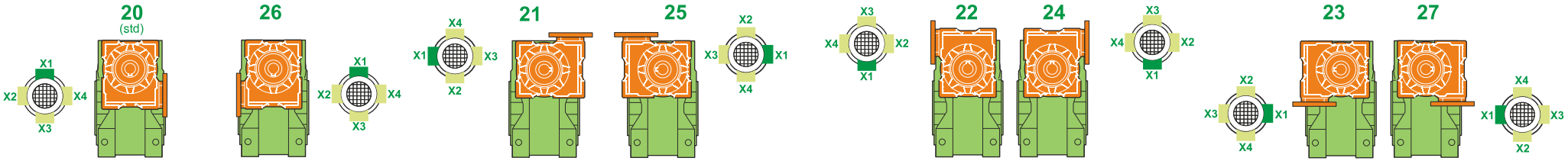
0.03	1
0.23	2



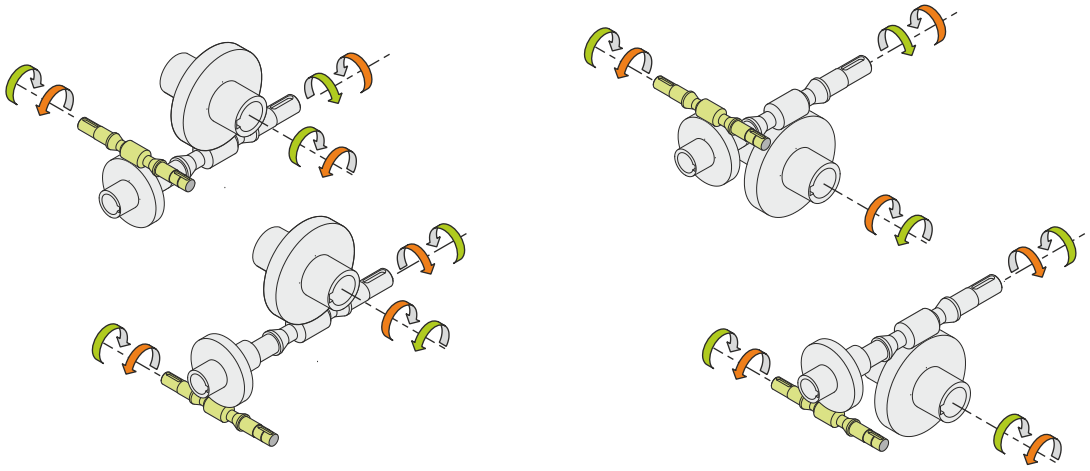
Oil quantity [litres]

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

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

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