

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	0.25
Ratio (i=)		5600
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.06
Service factor		0.7
Rated Power P1	[kW]	0.04

Warning! The torque generated by the selected motor is above the gearbox rated output torque; please refer to the gearbox rated output torque.

Output data

Gear unit	M RT/RT 40/70 B3 21 5600 56 B5 AC 28 MT 0.06 kW 56 A4 B5 X3
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Type		RT/RT - Worm speed reducers
Input type		M
Size		40/70
Ratio (i=)		5600
Gearbox ratio		56.00
Pre-stage ratio		100.00
Input flange		B5
Input speed	[rpm]	1400
Output speed	[rpm]	0.25
Rated output torque	[Nm]	321
Service Factor		0.7
Efficiency		0.2

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]	6700
Taper bearings output radial load	[N]	7900
Ball bearings output axial load	[N]	1340
Taper bearings output axial load	[N]	1580

Accessories

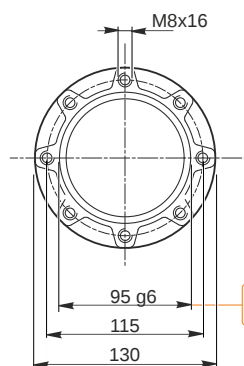
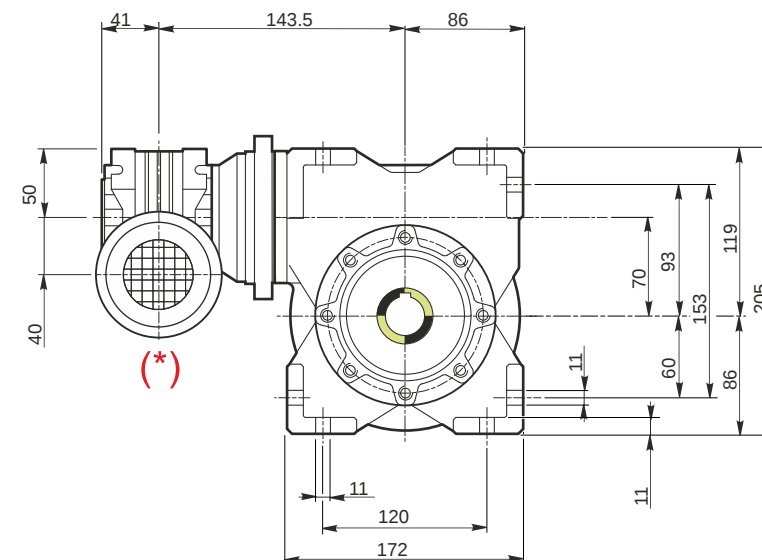
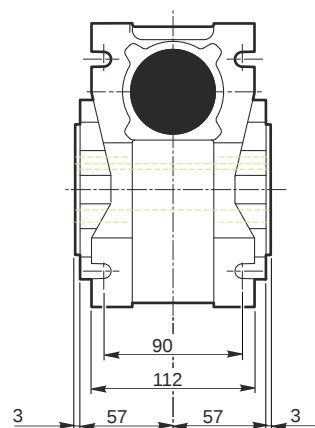
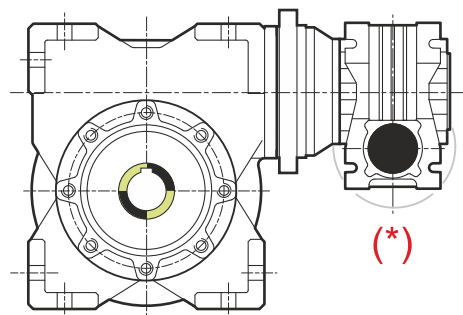
Hollow output shaft		AC 28
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Electric motor

Size		56 A4
Poles		4
Power	[kW]	0.06

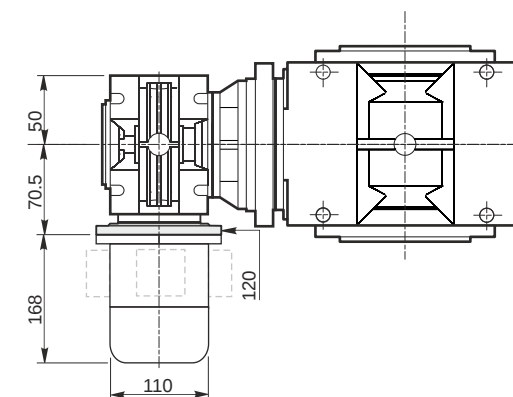
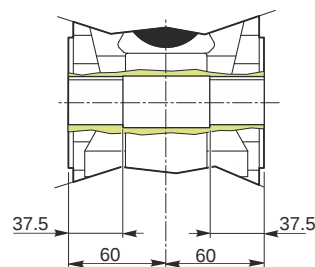
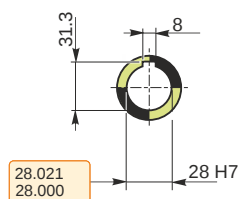
Electric motor configuration

Motor flange		B5
Terminal box position		X3



94.988
94.966

Hollow output shaft



Mounting positions

B3

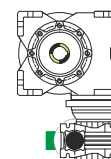
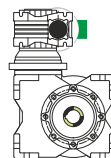
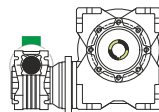
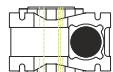
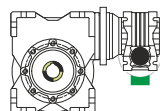
B6

B7

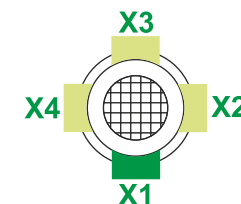
B8

V5

V6



Terminal box position



0.08

1

2

1

0.35

2

1

Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Attachment position

20

(std)

26

21

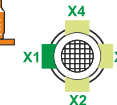
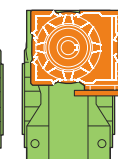
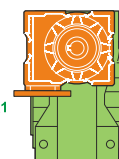
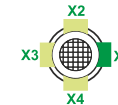
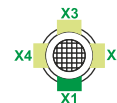
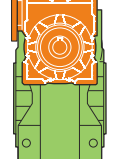
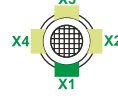
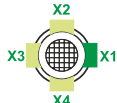
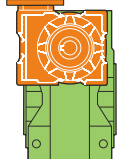
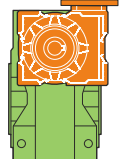
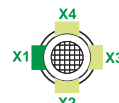
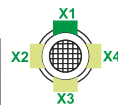
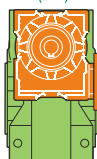
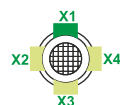
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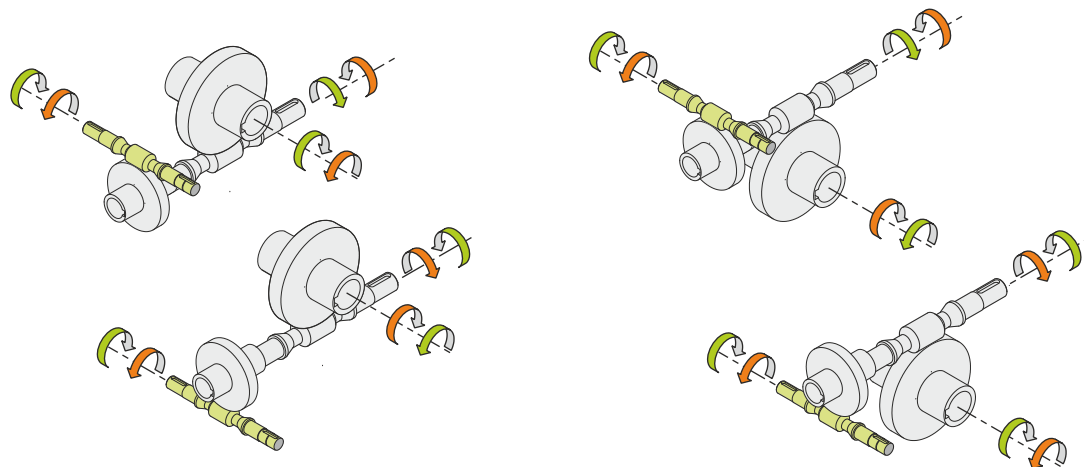
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27



Direction of rotation



Weight

Gear unit [kg]	12
Electric motor [kg]	2.6

Gearing data

2	Axial module	2
	Number of starts	1
	Lead angle	4° 05'
	Pressure angle	20°

Backdriving

Static self-locking
No back-driving
No dynamic back-driving

M RT/RT 40/70 B3 21 5600 56 B5 AC 28 MT 0.06 kW 56 A4 B5 X3