

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	0.5
Ratio (i=)		2800
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.13
Service factor		0.9
Rated Power P1	[kW]	0.02

Output data

Gear unit	M RS/RS 40/85 S (bolted) 11 2800 63 B14 AC 32 MT 0.13 kW 63 A4 B14 X3 B3
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Type		RS/RS - Worm speed reducers
Input type		M
Size		40/85
Ratio (i=)		2800
Gearbox ratio		40.00
Pre-stage ratio		70.00
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	0.5
Rated output torque	[Nm]	645.58
Service Factor		0.9
Efficiency		0.26

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]	8300
Taper bearings output radial load	[N]	9400
Ball bearings output axial load	[N]	1660
Taper bearings output axial load	[N]	1880

Accessories

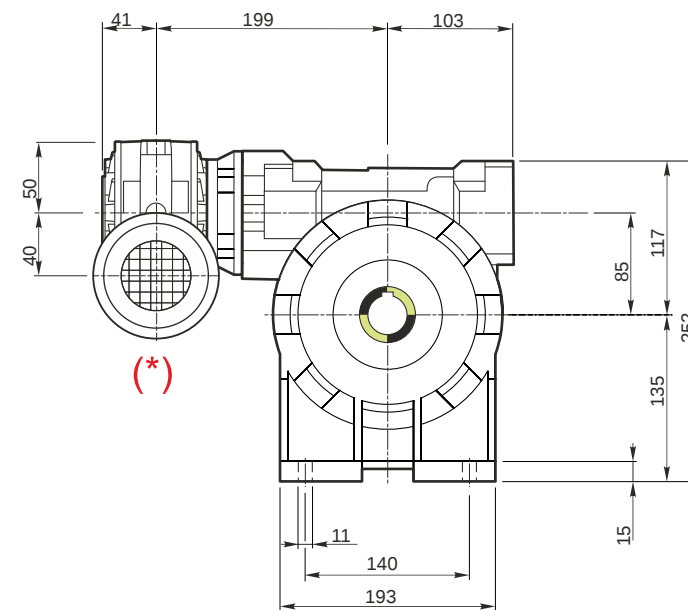
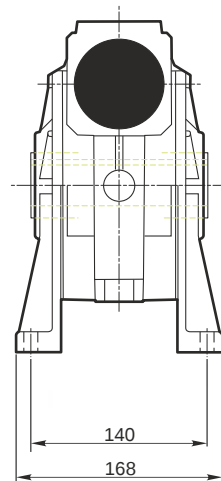
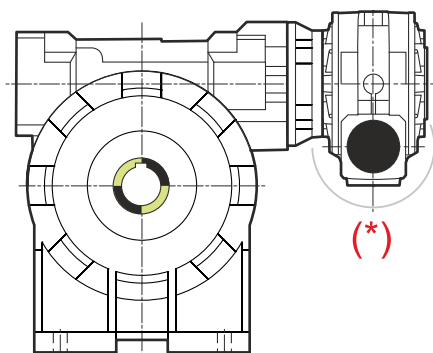
Hollow output shaft		AC 32
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Electric motor

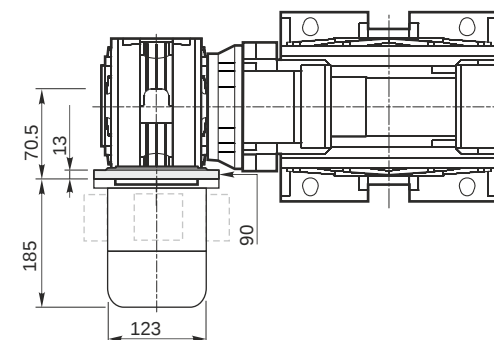
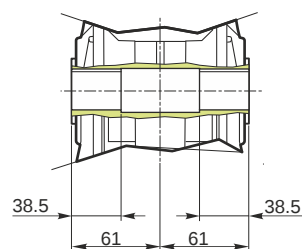
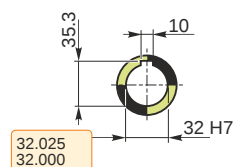
Size		63 A4
Poles		4
Power	[kW]	0.13

Electric motor configuration

Motor flange		B14
Terminal box position		X3

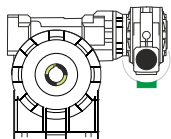


Hollow output shaft

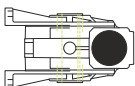


Mounting positions

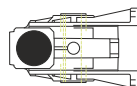
B3



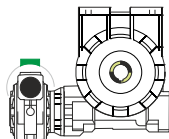
B6



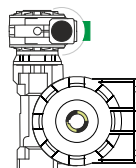
B7



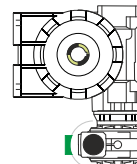
B8



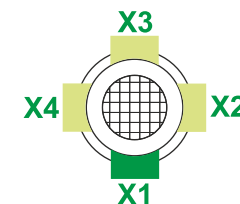
V5



V6



Terminal box position

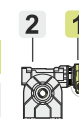


0.08

1

0.6

2

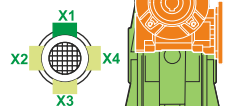


Oil quantity [litres]

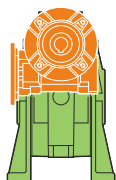
Lubricant type: Long life synthetic oil ISO VG320

Attachment position

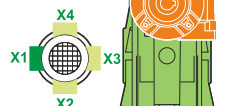
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11



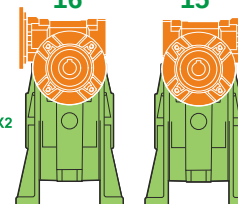
14



13



16



15



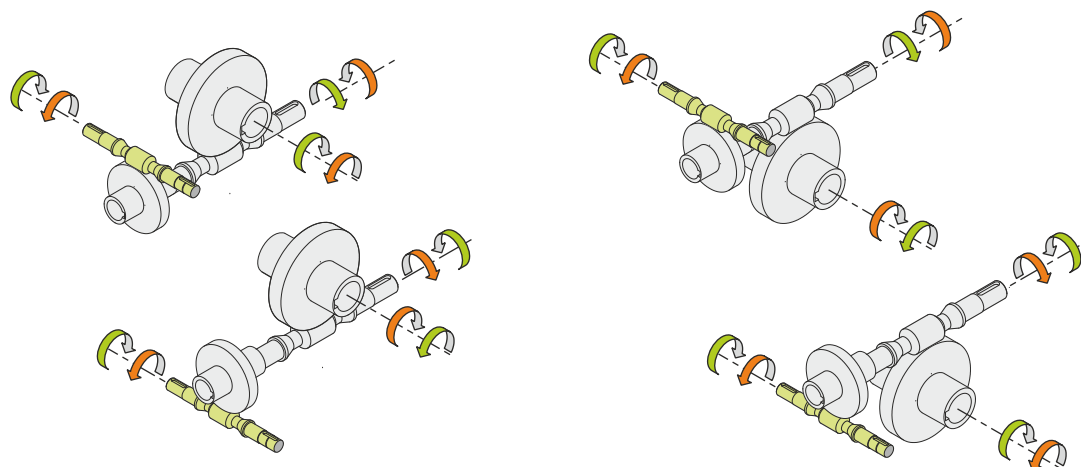
18



17



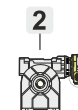
Direction of rotation



Weight

Gear unit [kg]	16.5
Electric motor [kg]	4.3

Gearing data 2



Axial module	3.4
Number of starts	1
Lead angle	20° 52'
Pressure angle	

Backdriving

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

M RS/RS 40/85 S (bolted) 11 2800 63 B14 AC 32 MT 0.13 kW 63 A4 B14 X3 B3