Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	70
Ratio (i=)		20
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		2.1
Rated Power P1	[kW]	0.38

Output data

Gear unit		**M RT 40 B3 20 63 B14 AC 18 MT 0.18 kW 63 B4 B14 X1**
Type		RT - Worm speed reducers
Input type		M
Size		40
Ratio (i=)		20
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	70
Rated output torque	[Nm]	18.42
Service Factor		2.1
Efficiency		0.75
Inertia moment	[kgm^2]	0.000019

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

Ball bearings output radial load	[N]	1350
Taper bearings output radial load	[N]	1900
Ball bearings output axial load	[N]	270
Taper bearings output axial load	[N]	380

Accessories

Hollow output shaft		AC 18

Electric motor

Size		63 B4
Poles		4
Power	[kW]	0.18

Electric motor configuration

Motor flange		B14
Terminal box position		X1

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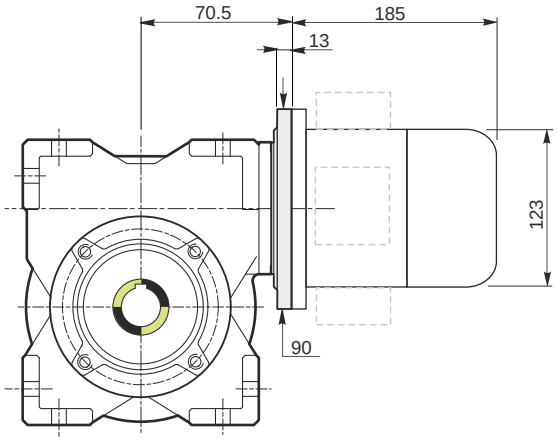
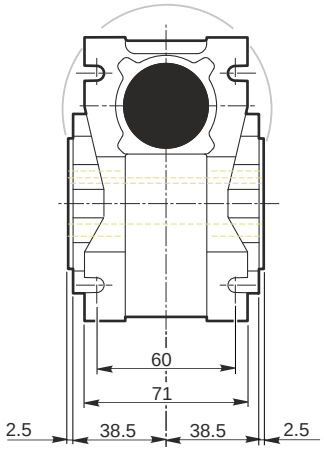
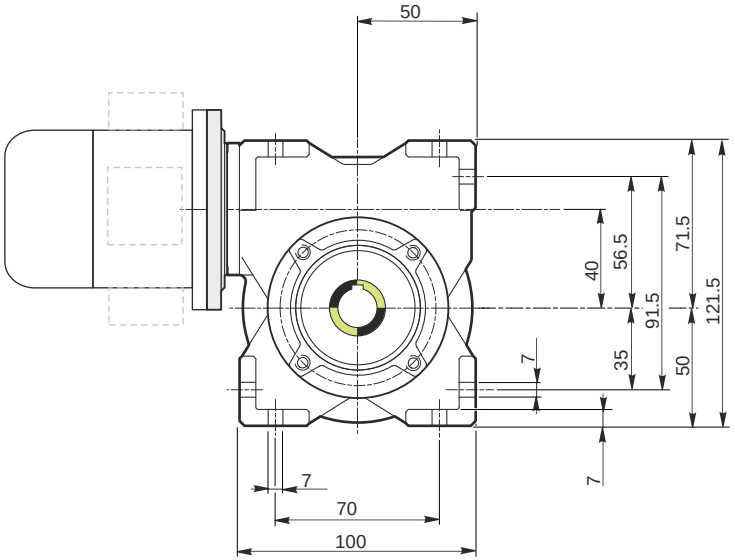
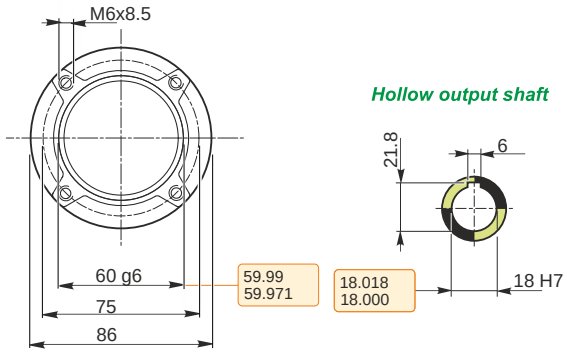
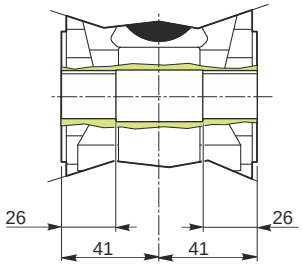








Hollow output shaft



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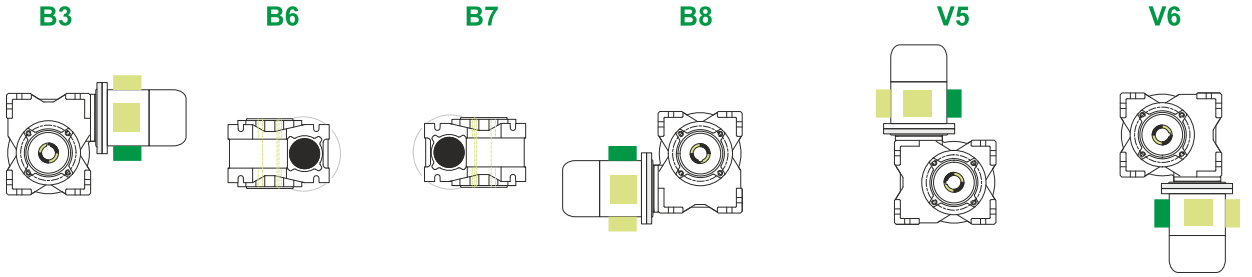
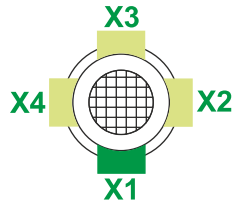
Mounting positions



Terminal box position

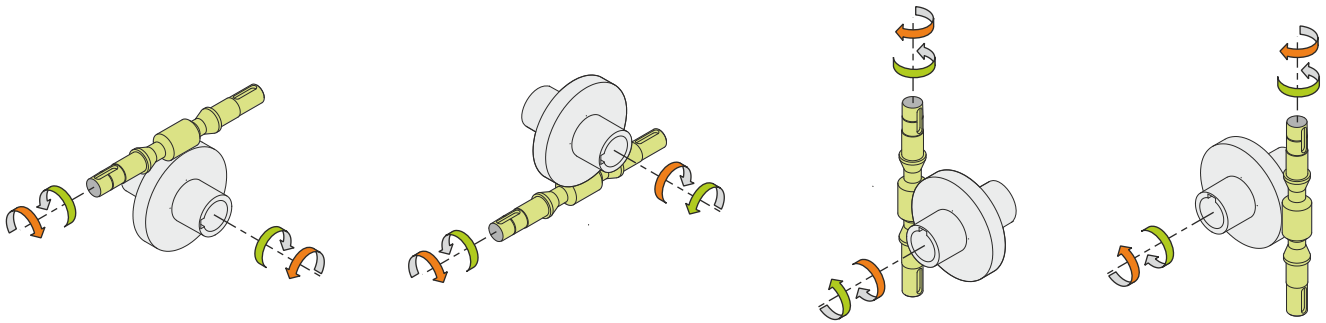


0.08

Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	2.5
Electric motor [kg]	4.3

Gearing data

Axial module	1.5
Number of starts	2
Lead angle	8° 31’
Pressure angle	20°

Backdriving

Variable static self-locking
Quick back-driving in case of vibrations
Dynamic back-driving

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