Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	22.65
Ratio (i=)		61.8
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		1.5
Rated Power P1	[kW]	0.26

Output data

Gear unit		**M RA 63/40 PC 10 61.8 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3 B3**
Type		RA - Worm speed reducers
Input type		M
Size		63/40
Ratio (i=)		61.8
Gearbox ratio		10.00
Pre-stage ratio		6.18
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	22.65
Rated output torque	[Nm]	59.19
Service Factor		1.5
Efficiency		0.78
Inertia moment	[kgm^2]	0.000022

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Shaft mounting
Version		PC
Attachment position		10

Output radial and axial loads

Ball bearings output radial load	[N]	1850
Taper bearings output radial load	[N]	2550
Ball bearings output axial load	[N]	370
Taper bearings output axial load	[N]	510

Accessories

Hollow output shaft		AC 19

Electric motor

Size		63 B4
Poles		4
Power	[kW]	0.18

Electric motor configuration

Motor flange		B14
Terminal box position		X3

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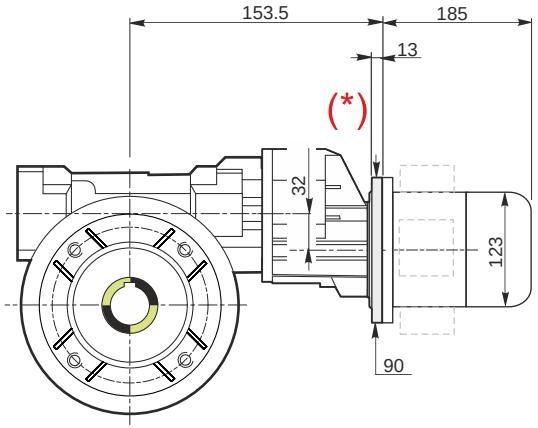
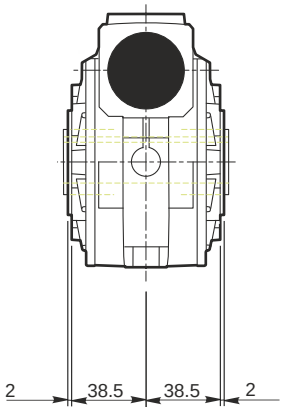
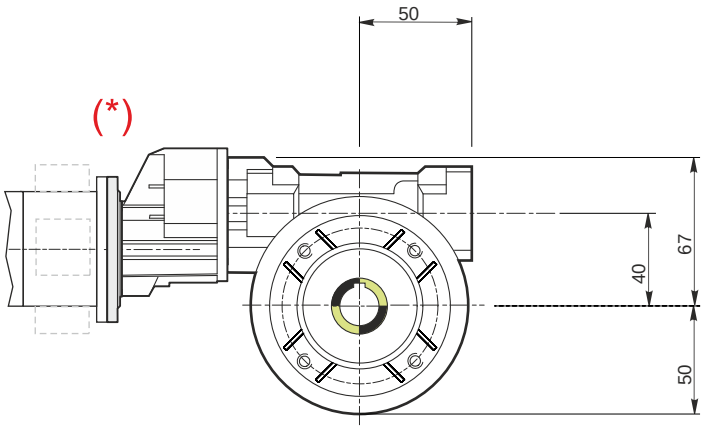
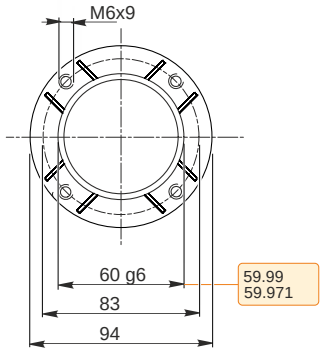
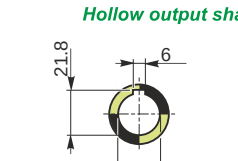




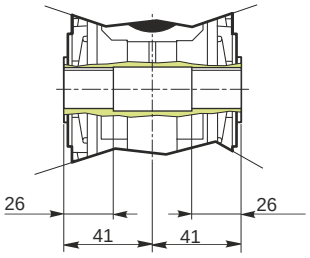


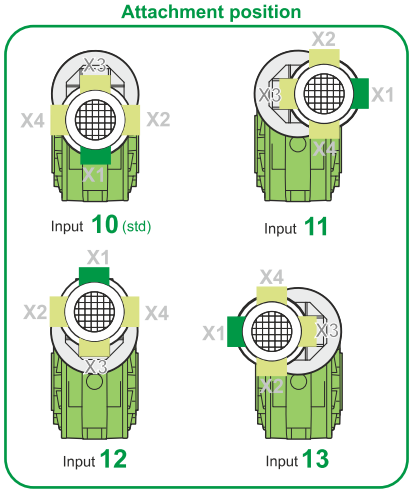




59.99
59.971

19.021
19.000





M RA 63/40 PC 10 61.8 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3 B3

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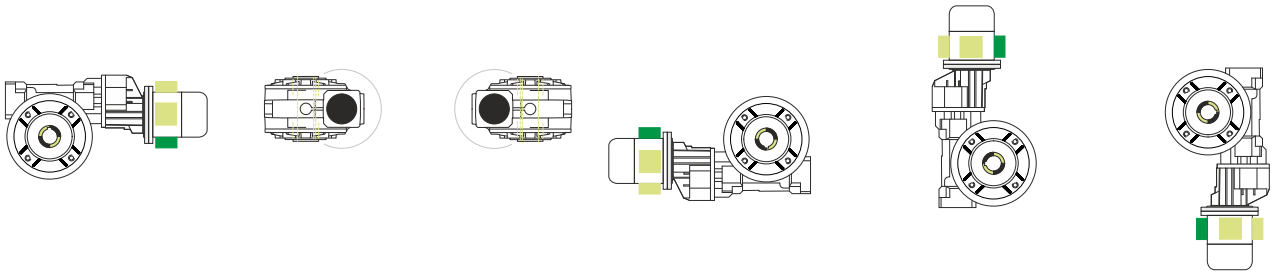
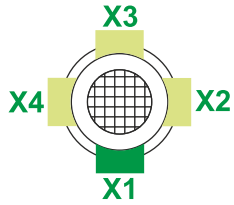
Mounting positions

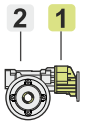
B3 B6 B7 B8 V5 V6



Terminal box position



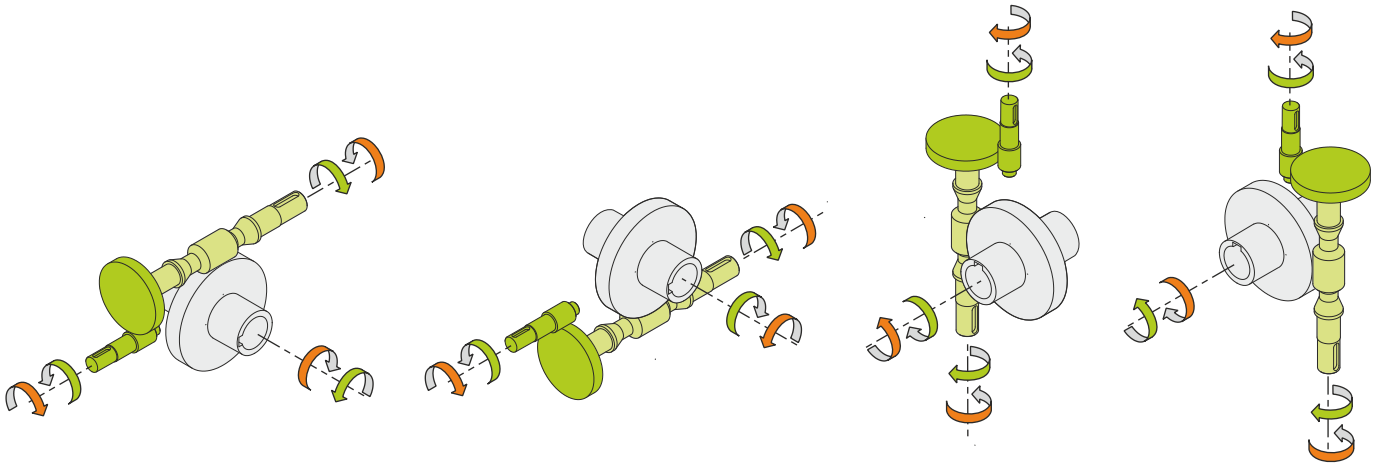
0.04	1
0.08	2



Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	4
Electric motor [kg]	4.3

Gearing data

Axial module	2
Number of starts	3
Lead angle	16° 41’
Pressure angle	20°

Backdriving

Static back-driving
Quick back-driving
Dynamic back-driving

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