

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	15.1
Ratio (i=)		92.7
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.13
Service factor		1.4
Rated Power P1	[kW]	0.19

Output data

Gear unit **M TA 63/40 B3 10 92.7 63 B14 AC 19 MT 0.13 kW 63 A4 B14 X3**

Type		TA - Worm speed reducers
Input type		M
Size		63/40
Ratio (i=)		92.7
Gearbox ratio		15.00
Pre-stage ratio		6.18
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	15.1
Rated output torque	[Nm]	59.19
Service Factor		1.4
Efficiency		0.72
Inertia moment	[kgm ²]	0.000022

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3
Attachment position		10

Output radial and axial loads

Ball bearings output radial load	[N]	2250
Taper bearings output radial load	[N]	2600
Ball bearings output axial load	[N]	450
Taper bearings output axial load	[N]	520

Accessories

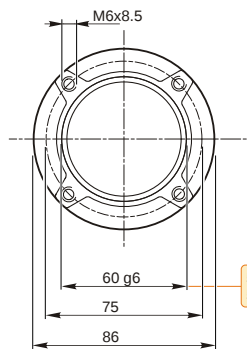
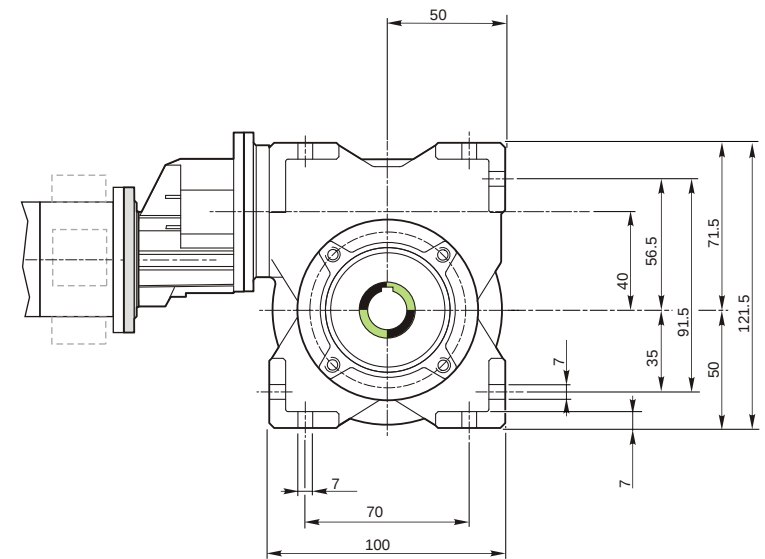
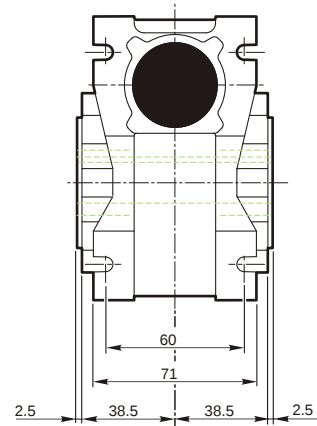
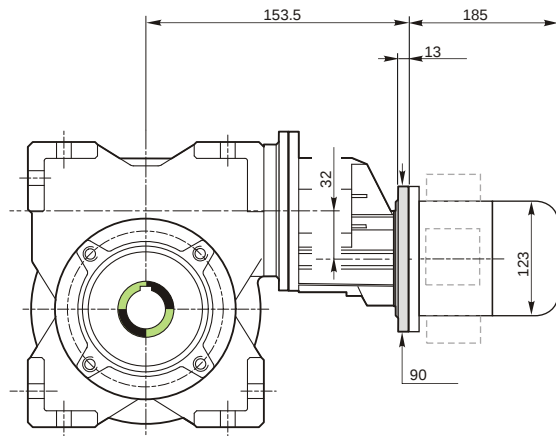
Hollow output shaft		AC 19
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Electric motor

Size		63 A4
Poles		4
Power	[kW]	0.13

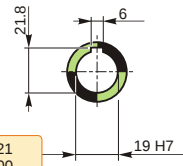
Electric motor configuration

Motor flange		B14
Terminal box position		X3

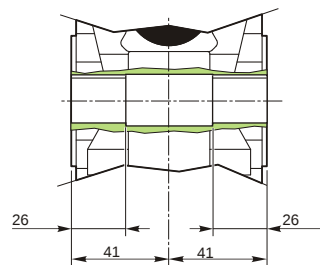


59.99
59.971

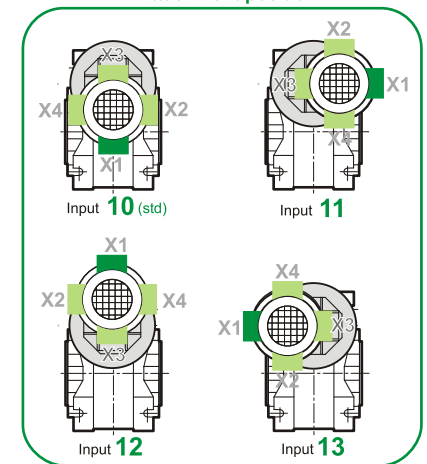
Hollow output shaft



19.021
19.000



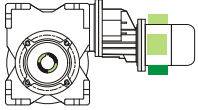
Attachment position



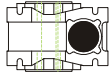
M TA 63/40 B3 10 92.7 63 B14 AC 19 MT 0.13 kW 63 A4 B14 X3

Mounting positions

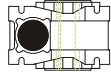
B3



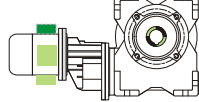
B6



B7



B8



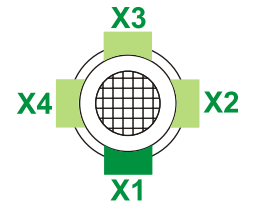
V5



V6



Terminal box position

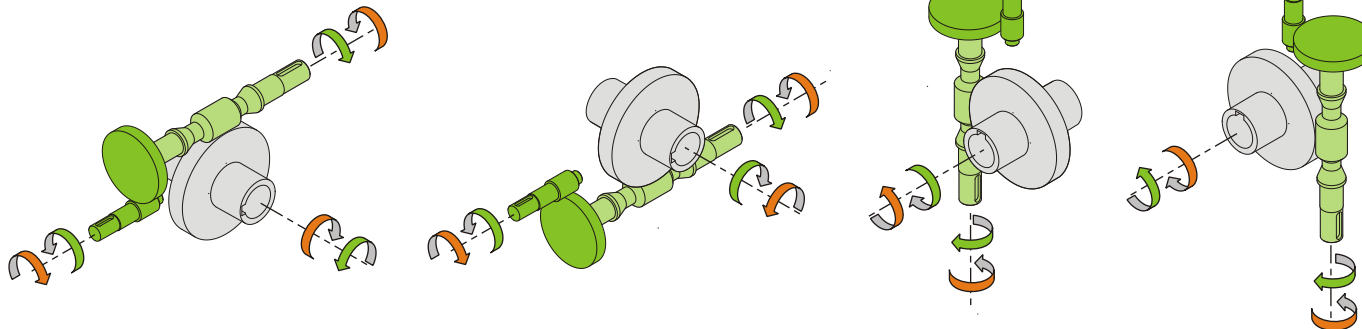


0.04	1	
0.08	2	

← 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	2
Lead angle	11° 18'
Pressure angle	20°

Backdriving

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

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