

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	32.36
Ratio (i=)		43.26
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		2
Rated Power P1	[kW]	0.36

Output data

Gear unit	M TA 63/40 B3 10 43.26 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3
------------------	--

Type		TA - Worm speed reducers
Input type		M
Size		63/40
Ratio (i=)		43.26
Gearbox ratio		7.00
Pre-stage ratio		6.18
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	32.36
Rated output torque	[Nm]	43.02
Service Factor		2
Efficiency		0.81
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]	1650
Taper bearings output radial load	[N]	2350
Ball bearings output axial load	[N]	330
Taper bearings output axial load	[N]	470

Accessories

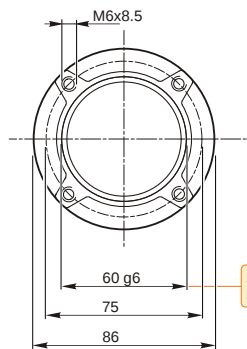
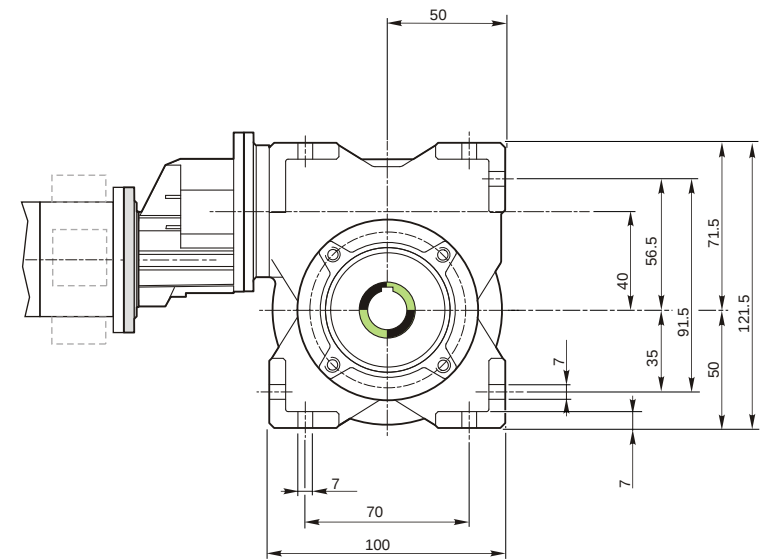
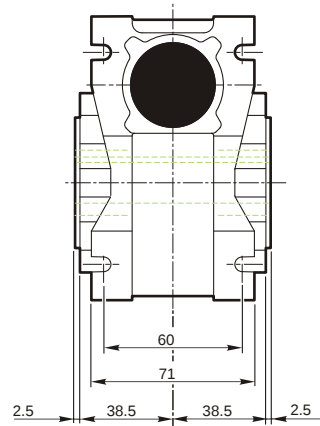
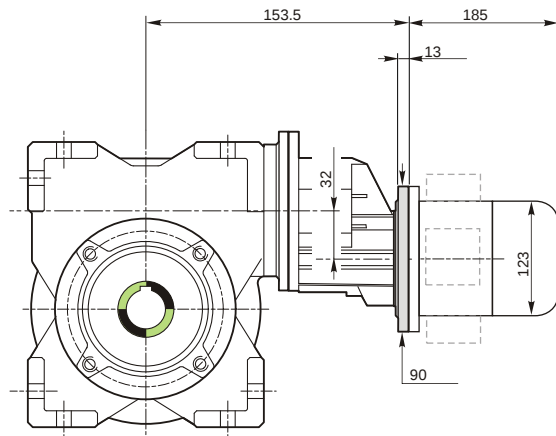
Hollow output shaft		AC 19
---------------------	--	-------

Electric motor

Size		63 B4
Poles		4
Power	[kW]	0.18

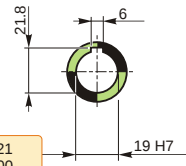
Electric motor configuration

Motor flange		B14
Terminal box position		X3

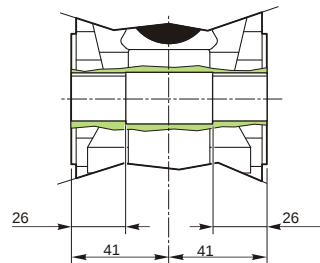


59.99
59.971

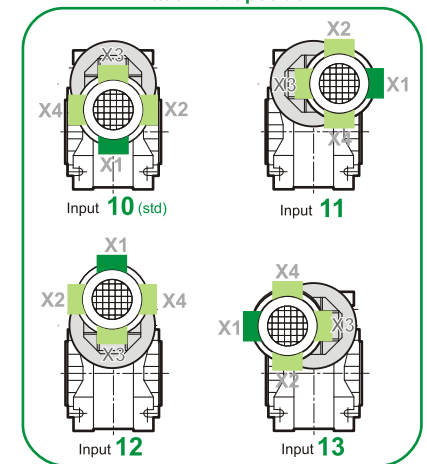
Hollow output shaft



19.021
19.000



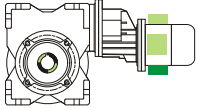
Attachment position



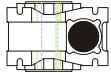
M TA 63/40 B3 10 43.26 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3

Mounting positions

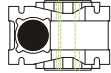
B3



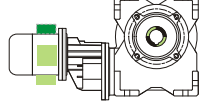
B6



B7



B8



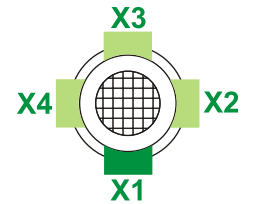
V5



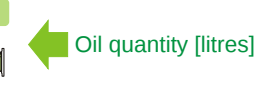
V6



Terminal box position

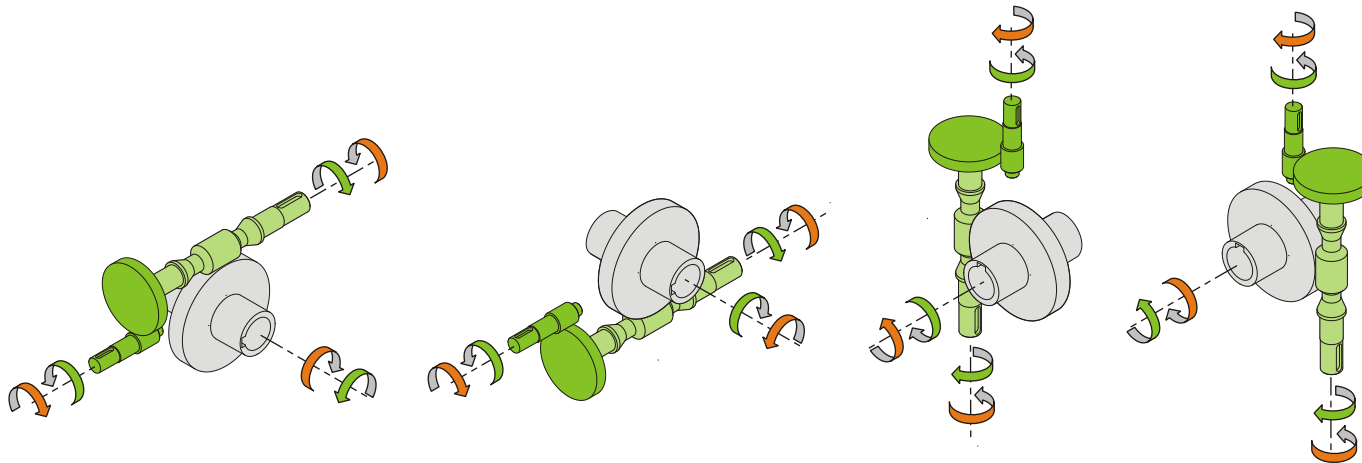


0.04	1	2	1
0.08	2	1	2



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	2.1
Number of starts	4
Lead angle	21° 36'
Pressure angle	20°

Backdriving

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

M TA 63/40 B3 10 43.26 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3