

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	21.88
Ratio (i=)		64
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.37
Service factor		1.1
Rated Power P1	[kW]	0.41

Output data

Gear unit **M TA 71/50 B3 10 64 71 B14 AC 24 MT 0.37 kW 71 B4 B14 X3**

Type		TA - Worm speed reducers
Input type		M
Size		71/50
Ratio (i=)		64
Gearbox ratio		10.00
Pre-stage ratio		6.40
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	21.88
Rated output torque	[Nm]	119.53
Service Factor		1.1
Efficiency		0.74
Inertia moment	[kgm ²]	0.000046

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]	2700
Taper bearings output radial load	[N]	4050
Ball bearings output axial load	[N]	540
Taper bearings output axial load	[N]	810

Accessories

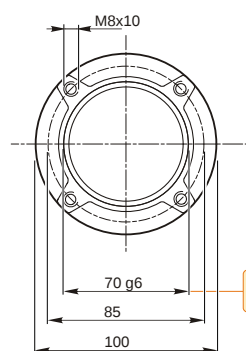
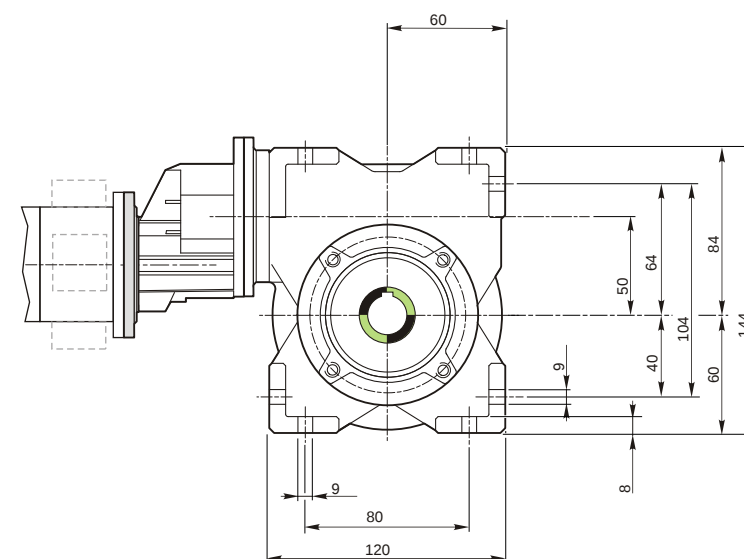
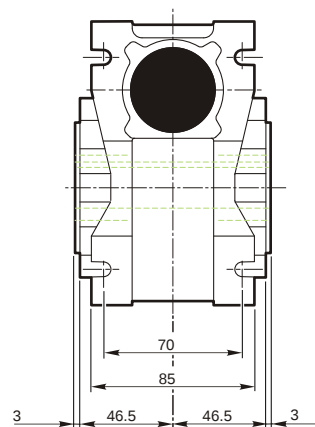
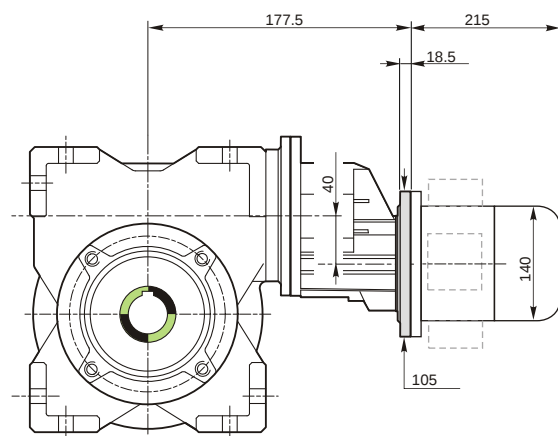
Hollow output shaft	AC 24
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Electric motor

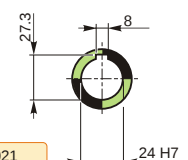
Size		71 B4
Poles		4
Power	[kW]	0.37

Electric motor configuration

Motor flange	B14
Terminal box position	X3

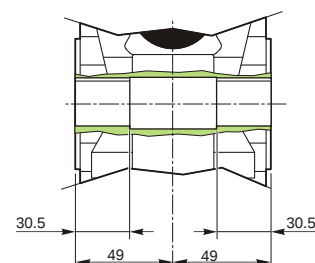


Hollow output shaft

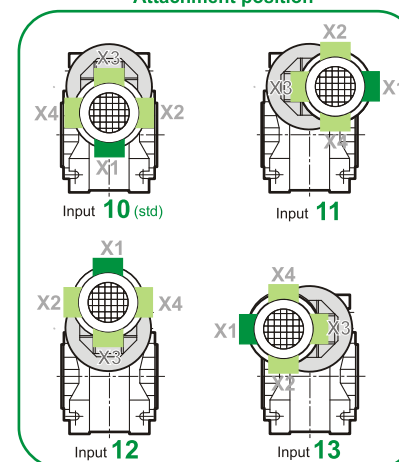


69.99
69.971

24.021
24.000



Attachment position



M TA 71/50 B3 10 64 71 B14 AC 24 MT 0.37 kW 71 B4 B14 X3

Mounting positions

B3

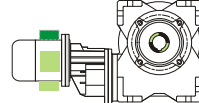
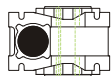
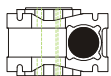
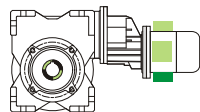
B6

B7

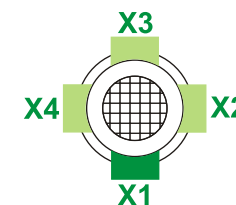
B8

V5

V6



Terminal box position



0.05

1



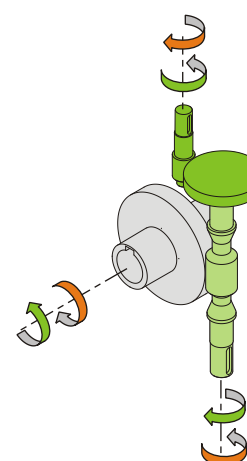
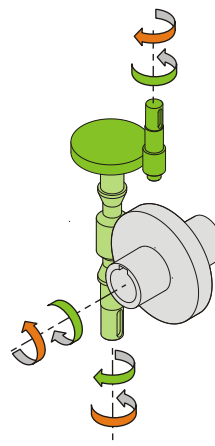
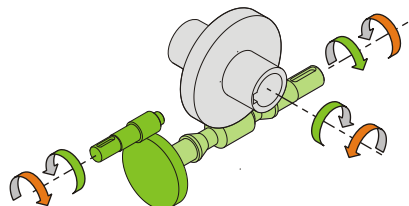
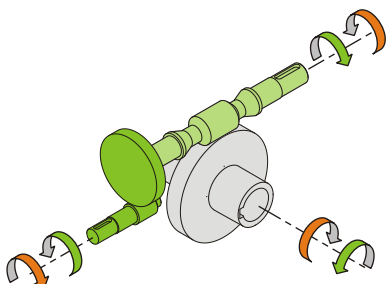
0.13

2

← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	6.6
Electric motor [kg]	6.2

Gearing data

Axial module	2.5
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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