

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 RA 71/50 PC 10 64 71 B14 AC 24 MT 0.37 kW 71 B4 B14 X3 B3
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Type		RA - Worm speed reducers
Input type		M
Size		71/50
Ratio (i=)		64
Gearbox ratio		10.00
Pre-stage ratio		6.40
Input flange		B14
Mounting position		B3
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		Shaft mounting
Version		PC
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

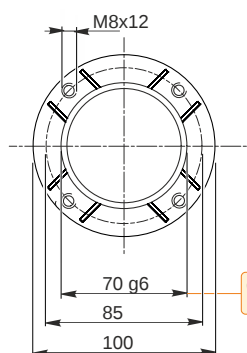
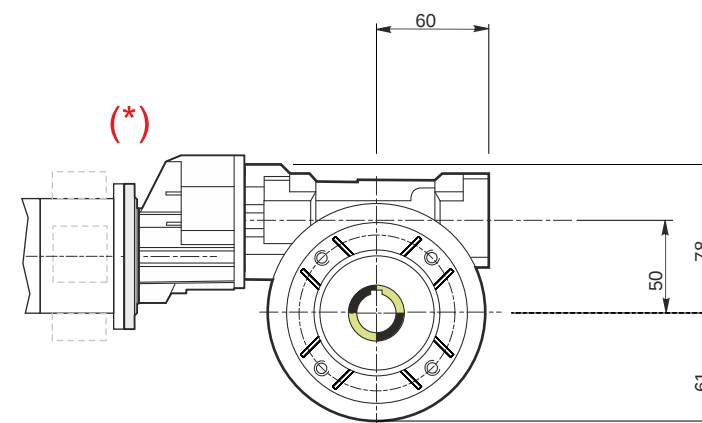
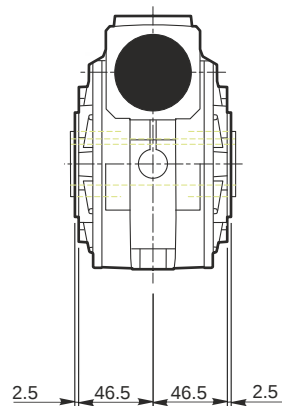
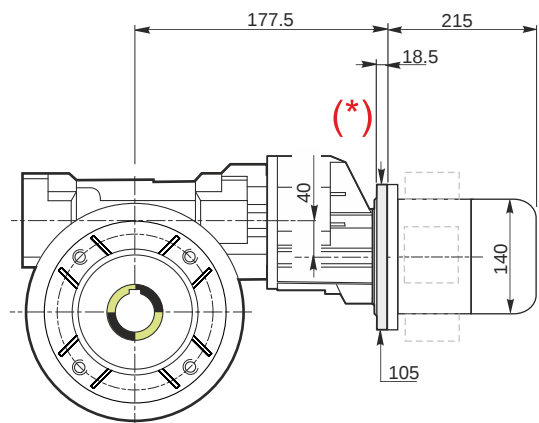
Hollow output shaft		AC 24
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Electric motor

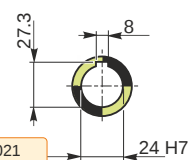
Size		71 B4
Poles		4
Power	[kW]	0.37

Electric motor configuration

Motor flange		B14
Terminal box position		X3

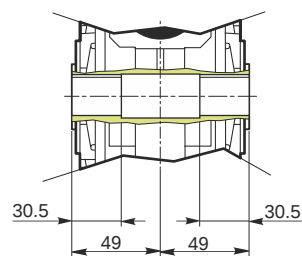


Hollow output shaft

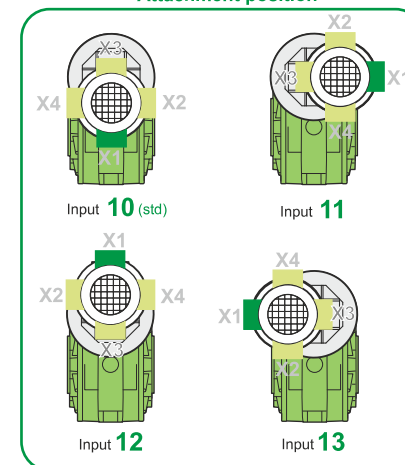


69.99
69.971

24.021
24.000

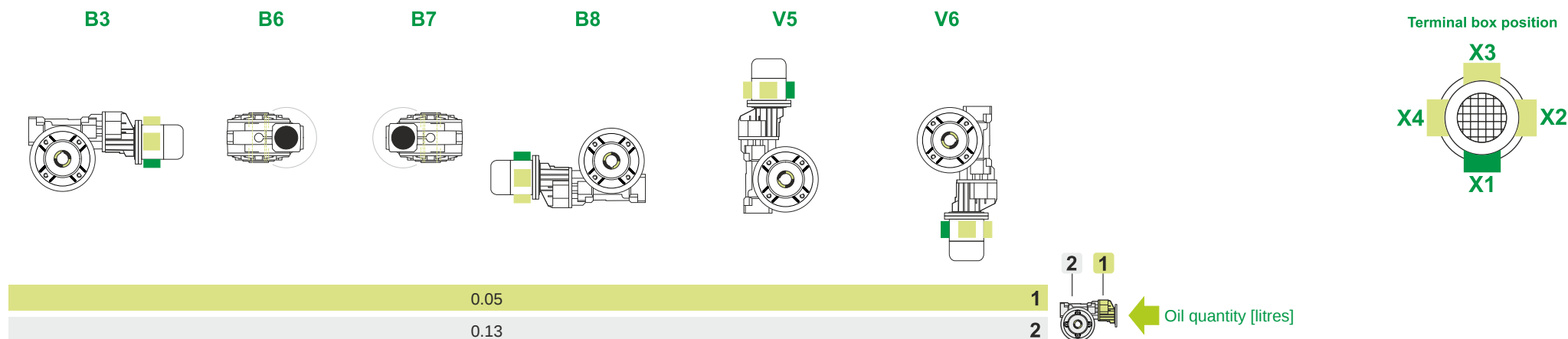


Attachment position



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

Mounting positions



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