

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	17.5
Ratio (i=)		80
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.09
Service factor		1.3
Rated Power P1	[kW]	0.12

Output data

Gear unit **M RS 40 PC 80 56 B14 AC 19 MT 0.09 kW 56 B4 B14 X3 B3**

Type		RS - Worm speed reducers
Input type		M
Size		40
Ratio (i=)		80
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	17.5
Rated output torque	[Nm]	24.56
Service Factor		1.3
Efficiency		0.5
Inertia moment	[kgm ²]	0.000018

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Shaft mounting
Version		PC

Output radial and axial loads

Ball bearings output radial load	[N]	2000
Taper bearings output radial load	[N]	2600
Ball bearings output axial load	[N]	400
Taper bearings output axial load	[N]	520

Accessories

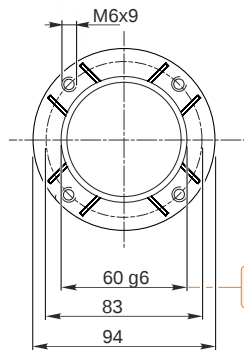
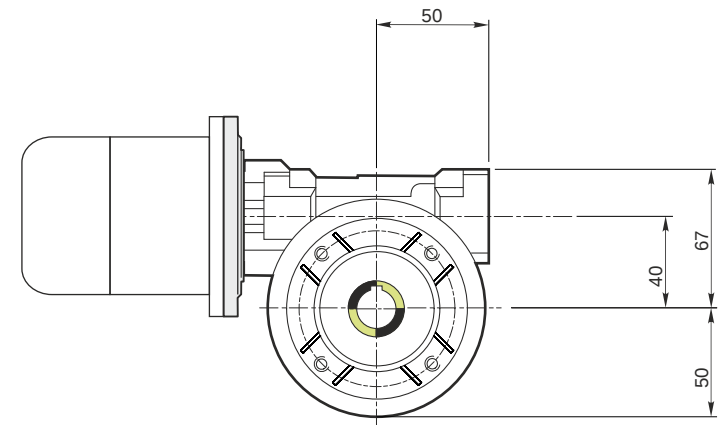
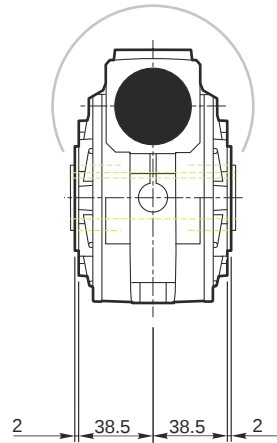
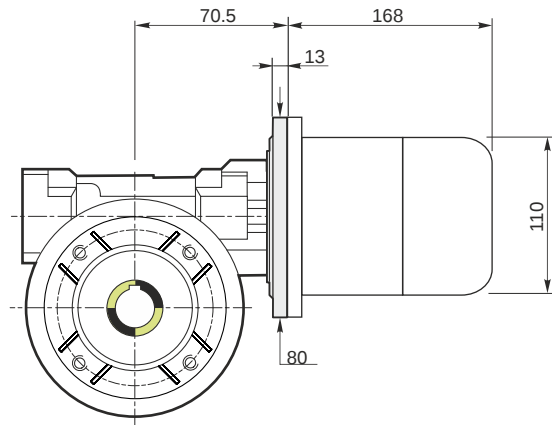
Hollow output shaft		AC 19
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Electric motor

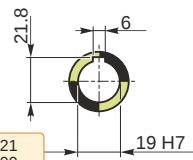
Size		56 B4
Poles		4
Power	[kW]	0.09

Electric motor configuration

Motor flange		B14
Terminal box position		X3

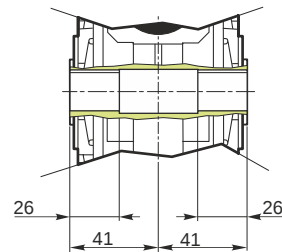


Hollow output shaft

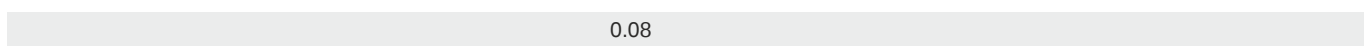
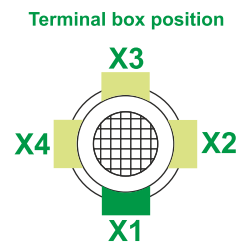
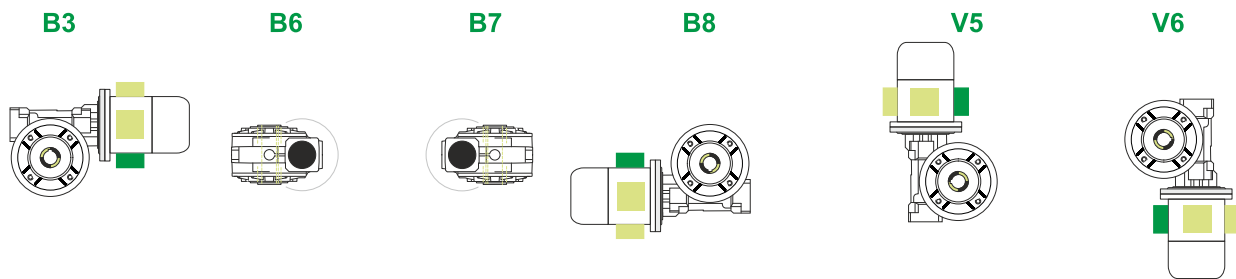


59.99
59.971

19.021
19.000

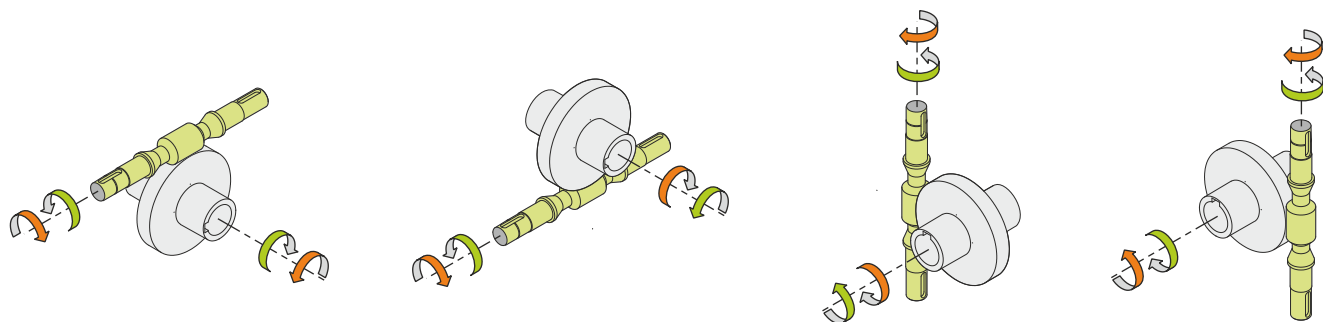


Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	2.5
Electric motor [kg]	2.6

Gearing data

Axial module	0.8
Number of starts	1
Lead angle	2° 51'
Pressure angle	20°

Backdriving

- Static self-locking
- No back-driving
- Low dynamic back-driving

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