

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	3.33
Ratio (i=)		420
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.09
Service factor		0.8
Rated Power P1	[kW]	0.08

### Output data

**Gear unit** **M RS/RS 28/40 S (bolted) 11 420 56 B14 AC 19 MT 0.09 kW 56 B4 B14 X3 B3**

Type		RS/RS - Worm speed reducers
Input type		M
Size		28/40
Ratio (i=)		420
Gearbox ratio		28.00
Pre-stage ratio		15.00
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	3.33
Rated output torque	[Nm]	100.56
Service Factor		0.8
Efficiency		0.39

#### Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Feet
Version		S (bolted)
Attachment position		11

#### Output radial and axial loads

Ball bearings output radial load	[N]	2300
Taper bearings output radial load	[N]	2600
Ball bearings output axial load	[N]	460
Taper bearings output axial load	[N]	520

#### Accessories

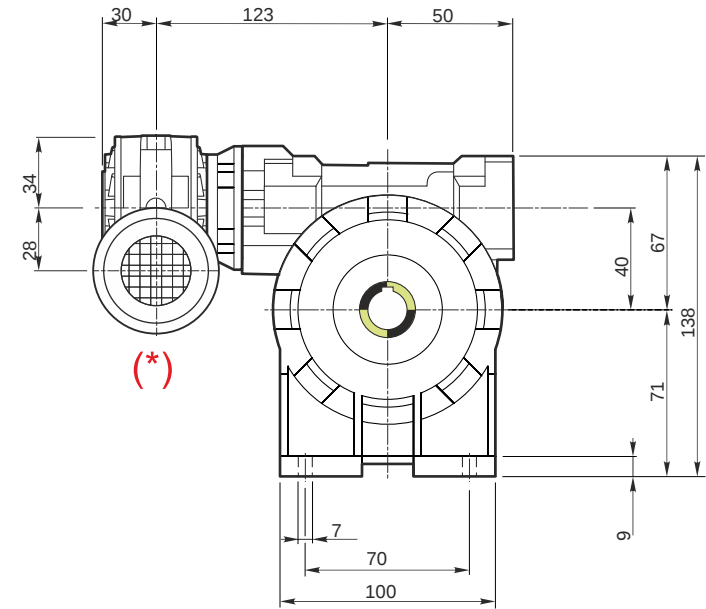
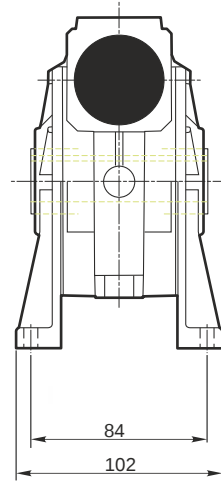
Hollow output shaft		AC 19
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#### Electric motor

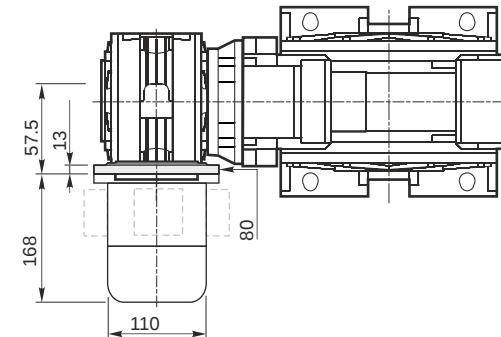
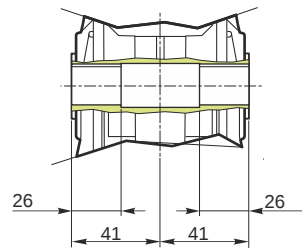
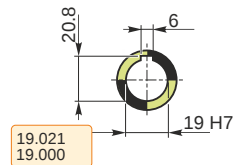
Size		56 B4
Poles		4
Power	[kW]	0.09

#### Electric motor configuration

Motor flange		B14
Terminal box position		X3

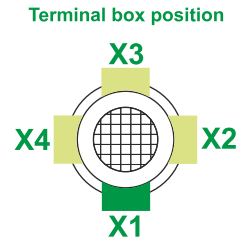
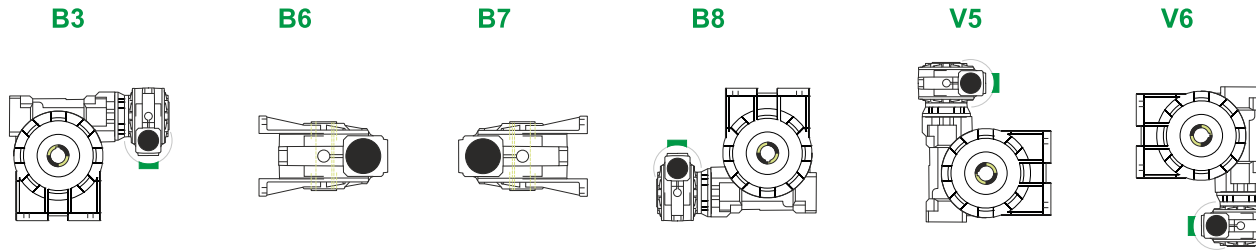


**Hollow output shaft**



**M RS/RS 28/40 S (bolted) 11 420 56 B14 AC 19 MT 0.09 kW 56 B4 B14 X3 B3**

**Mounting positions**

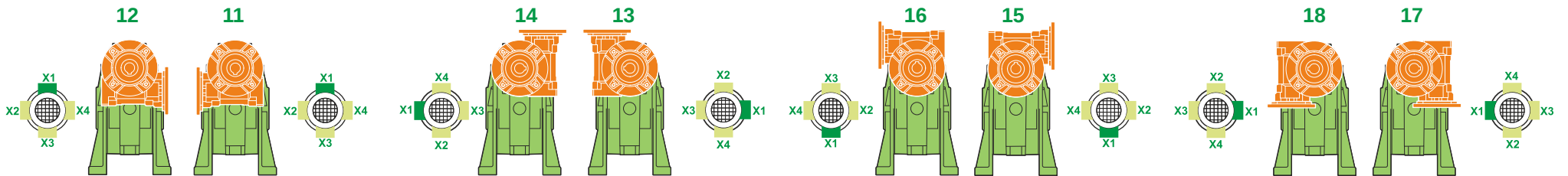


0.03	1
0.08	2

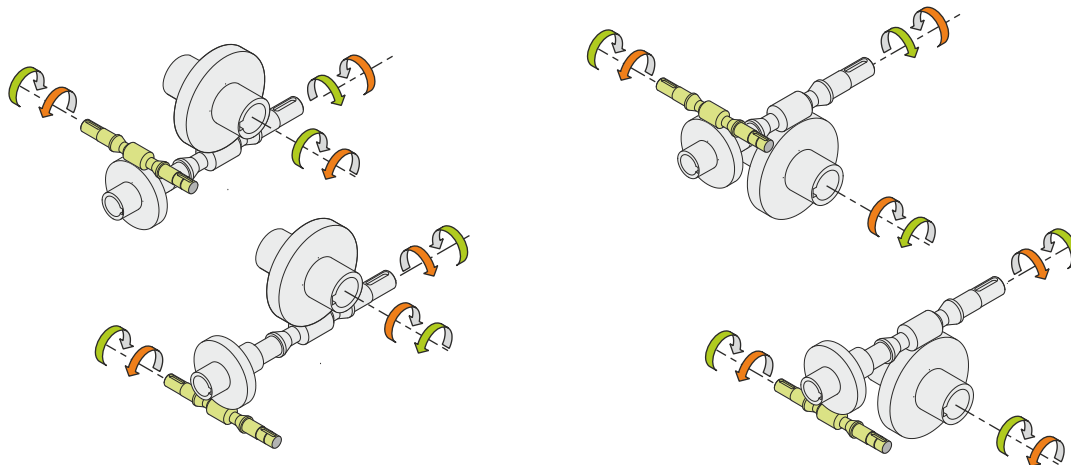


Lubricant type: Long life synthetic oil ISO VG320

**Attachment position**



**Direction of rotation**



**Weight**

Gear unit [kg]	3.9
Electric motor [kg]	2.6

**Gearing data 2**

2	Axial module	2.1
	Number of starts	1
	Lead angle	1
	Pressure angle	50°39'

**Backdriving**

- Static self-locking
- Slow back-driving in case of vibrations
- Low dynamic back-driving

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