

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	1.79
Ratio (i=)		784
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.75
Service factor		0.8
Rated Power P1	[kW]	0.58

Output data

Gear unit	M RS/RS 50/110 S (bolted) 11 784 80 B14 AC 42 MT 0.75 kW 80 B4 B14 X3 B3
------------------	---

Type		RS/RS - Worm speed reducers
Input type		M
Size		50/110
Ratio (i=)		784
Gearbox ratio		28.00
Pre-stage ratio		28.00
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	1.79
Rated output torque	[Nm]	1684.62
Service Factor		0.8
Efficiency		0.42

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]	9800
Taper bearings output radial load	[N]	11100
Ball bearings output axial load	[N]	1960
Taper bearings output axial load	[N]	2220

Accessories

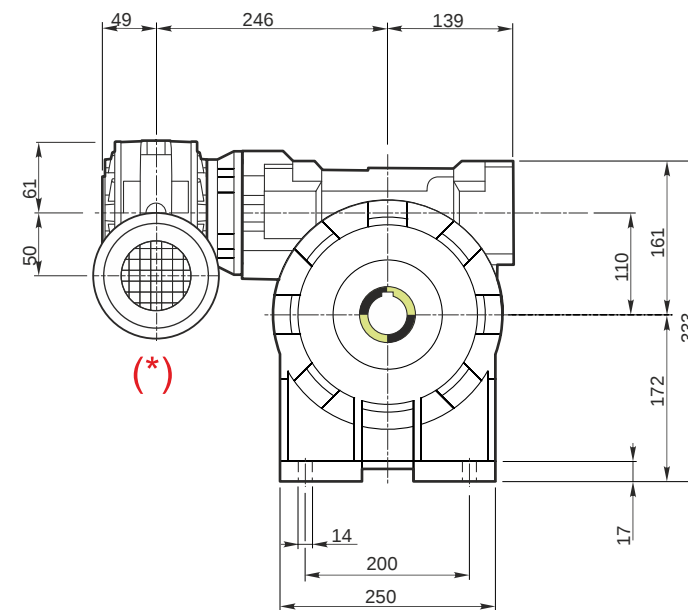
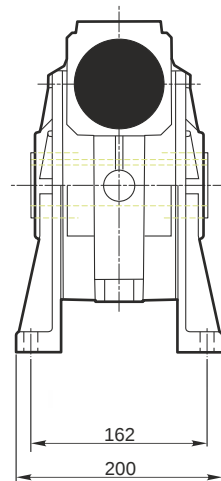
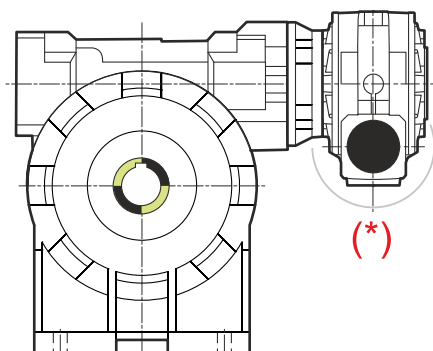
Hollow output shaft		AC 42
---------------------	--	-------

Electric motor

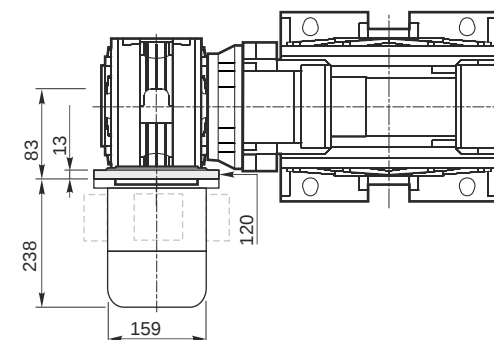
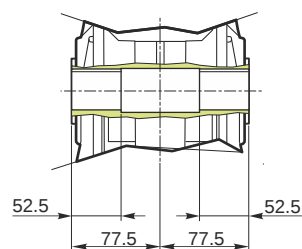
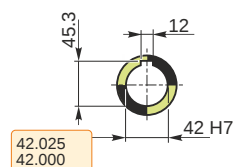
Size		80 B4
Poles		4
Power	[kW]	0.75

Electric motor configuration

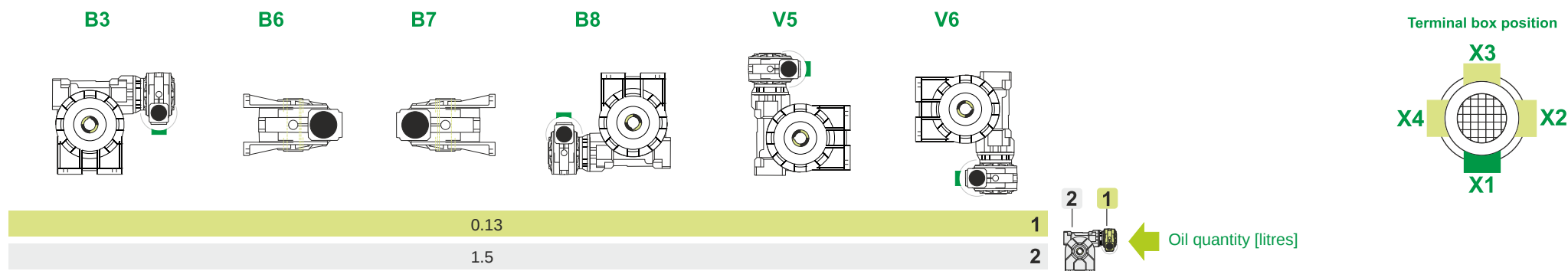
Motor flange		B14
Terminal box position		X3



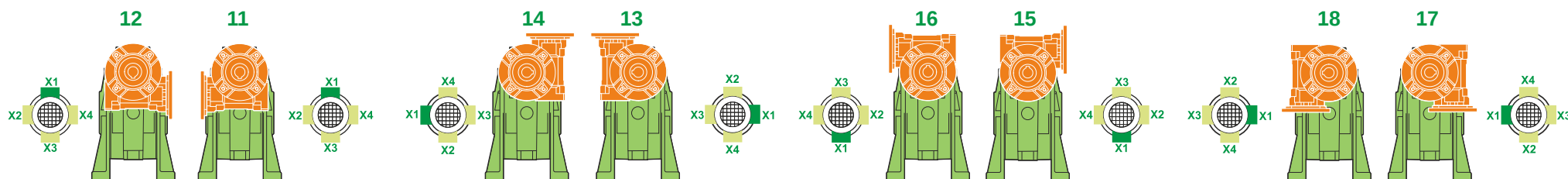
Hollow output shaft



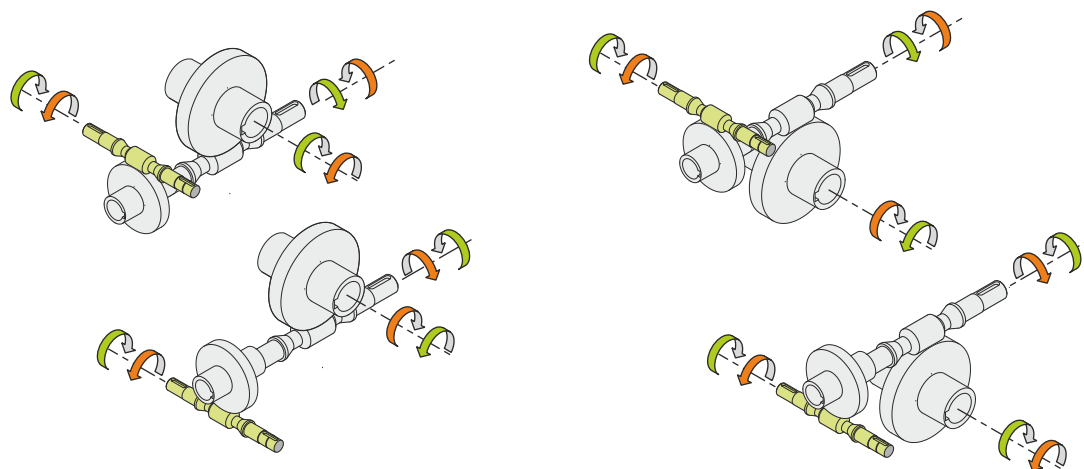
Mounting positions



Attachment position



Direction of rotation



Weight

Gear unit [kg]	45
Electric motor [kg]	9.8

Gearing data 2

2	Axial module	6.1
	Number of starts	1
	Lead angle	20° 04'
	Pressure angle	

Backdriving

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

M RS/RS 50/110 S (bolted) 11 784 80 B14 AC 42 MT 0.75 kW 80 B4 B14 X3 B3