

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	50
Ratio (i=)		28
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		2.1
Rated Power P1	[kW]	0.37

Output data

Gear unit **M RT 40 B3 28 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3**

Type		RT - Worm speed reducers
Input type		M
Size		40
Ratio (i=)		28
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	50
Rated output torque	[Nm]	23.38
Service Factor		2.1
Efficiency		0.68
Inertia moment	[kgm ²]	0.000018

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

Ball bearings output radial load	[N]	1500
Taper bearings output radial load	[N]	2100
Ball bearings output axial load	[N]	300
Taper bearings output axial load	[N]	420

Accessories

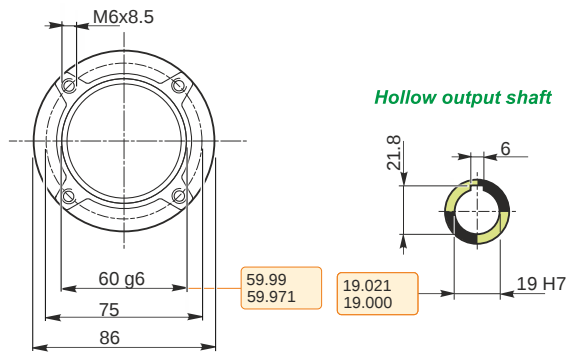
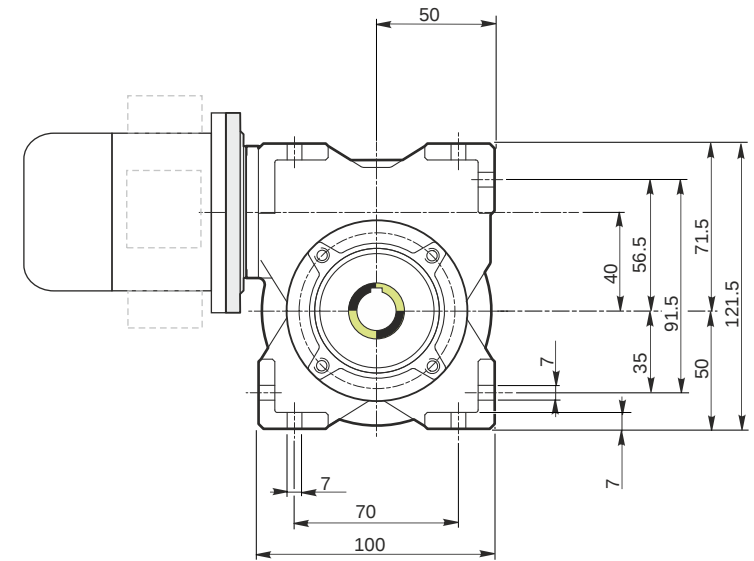
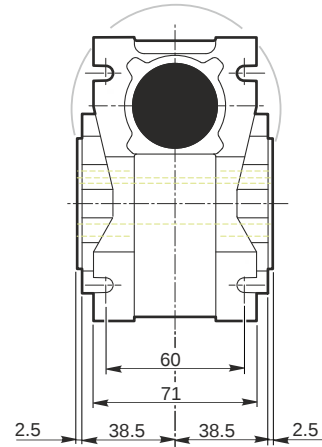
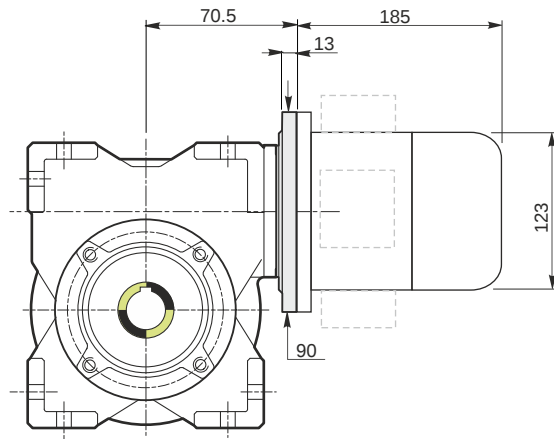
Hollow output shaft		AC 19
---------------------	--	-------

Electric motor

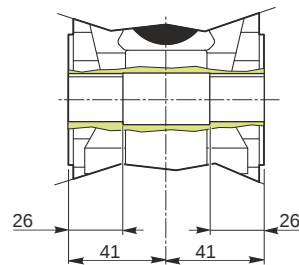
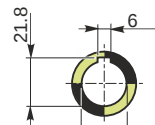
Size		63 B4
Poles		4
Power	[kW]	0.18

Electric motor configuration

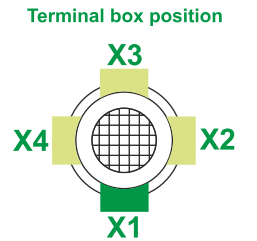
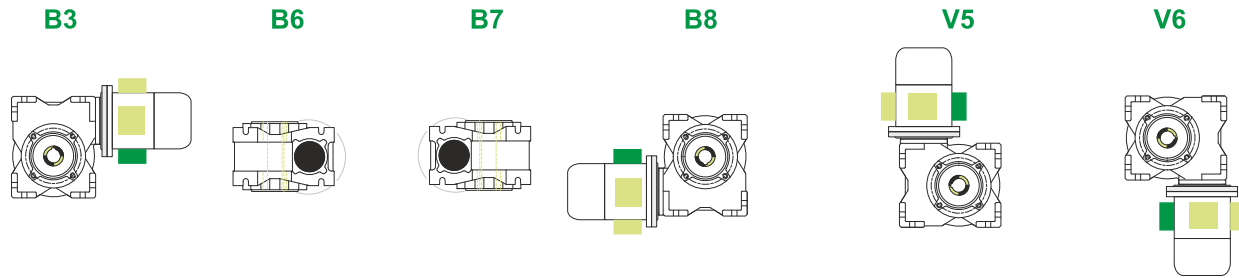
Motor flange		B14
Terminal box position		X3



Hollow output shaft



Mounting positions



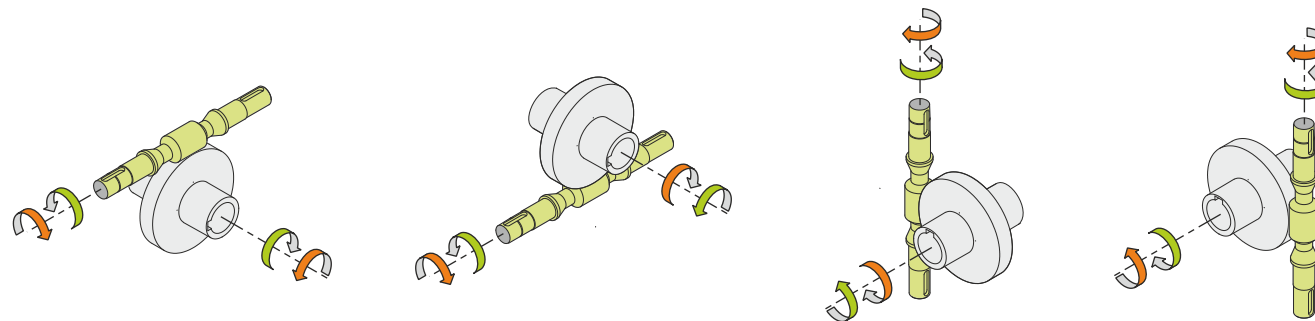
0.08



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	2.5
Electric motor [kg]	4.3

Gearing data

Axial module	2.1
Number of starts	1
Lead angle	5° 39'
Pressure angle	20°

Backdriving

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

M RT 40 B3 28 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3