

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	140
Ratio (i=)		10
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		1.8
Rated Power P1	[kW]	0.33

Output data

Gear unit F RT 28 B3 10 63 B14 AC 14

Type		RT - Worm speed reducers
Input type		F (Elastic coupling)
Size		28
Ratio (i=)		10
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	140
Rated output torque	[Nm]	9.95
Service Factor		1.8
Efficiency		0.81
Inertia moment	[kgm ²]	0.000006

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

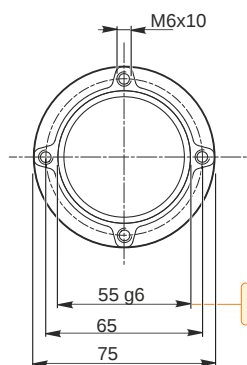
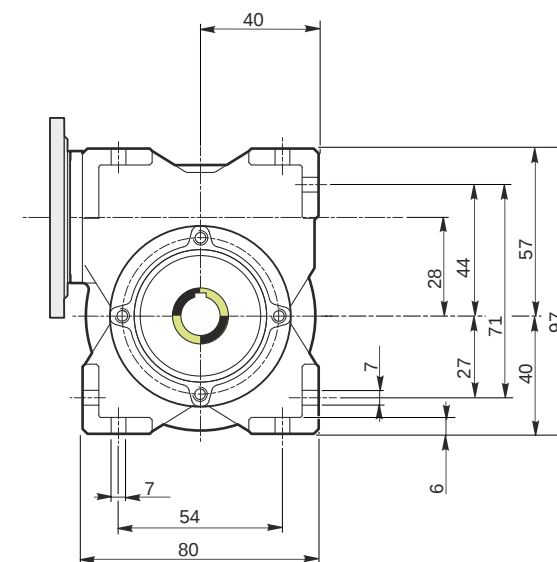
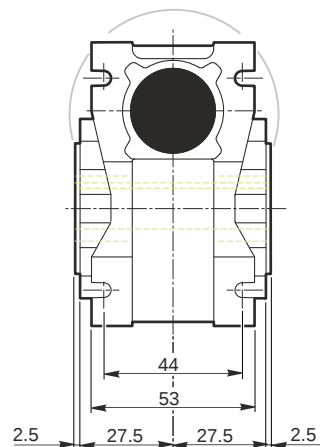
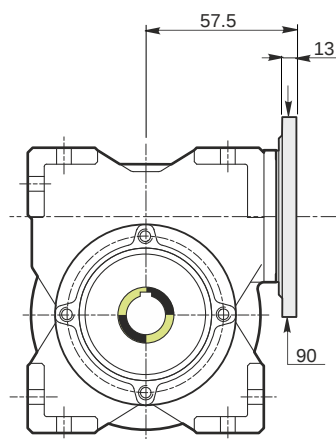
Ball bearings output radial load	[N]	500
Taper bearings output radial load	[N]	750
Ball bearings output axial load	[N]	100
Taper bearings output axial load	[N]	150

Accessories

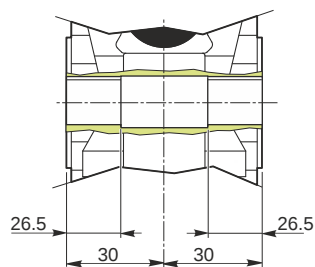
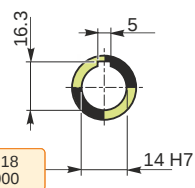
Hollow output shaft		AC 14
---------------------	--	-------

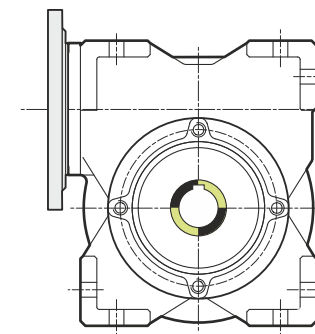
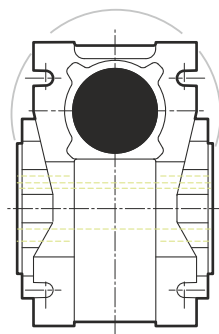
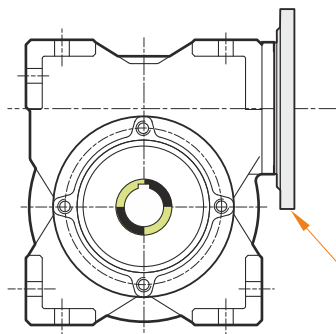
Electric motor coupling

Size		63 B4
Poles n.		4
Power	[kW]	0.18

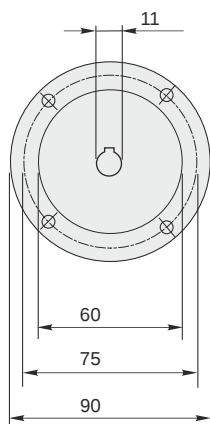


Hollow output shaft



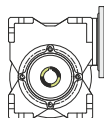


This gear unit is provided with an elastic coupling motor fitting



Mounting positions

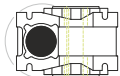
B3



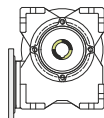
B6



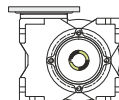
B7



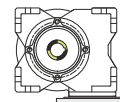
B8



V5



V6



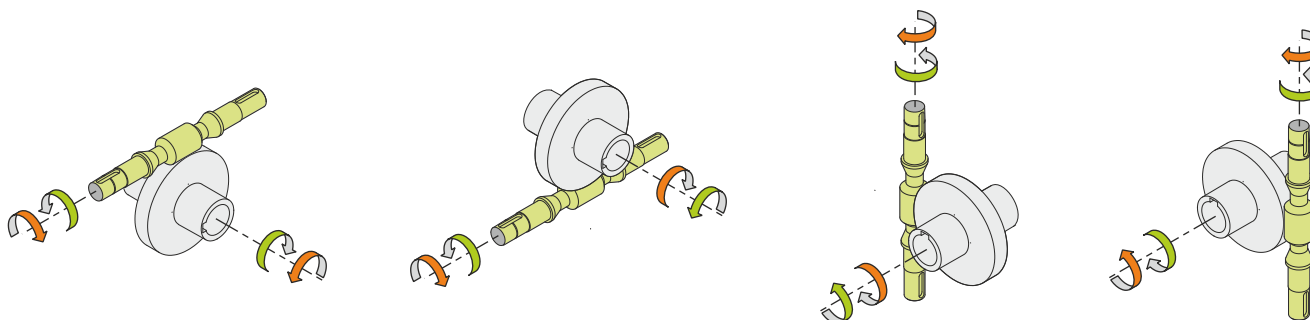
0.03



Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg] 1.1

Gearing data

Axial module	1.4
Number of starts	3
Lead angle	16° 41'
Pressure angle	20°

Backdriving

Static back-driving
Quick back-driving
Dynamic back-driving