

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	25
Ratio (i=)		56
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.55
Service factor		1
Rated Power P1	[kW]	0.54

Output data

Gear unit F RS 60 PC 56 80 B14 AC 25 B3

Type		RS - Worm speed reducers
Input type		F (Elastic coupling)
Size		60
Ratio (i=)		56
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	25
Rated output torque	[Nm]	126.06
Service Factor		1
Efficiency		0.6
Inertia moment	[kgm ²]	0.000104

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Shaft mounting
Version	PC

Output radial and axial loads

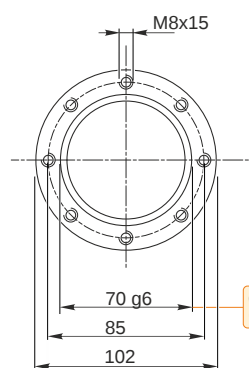
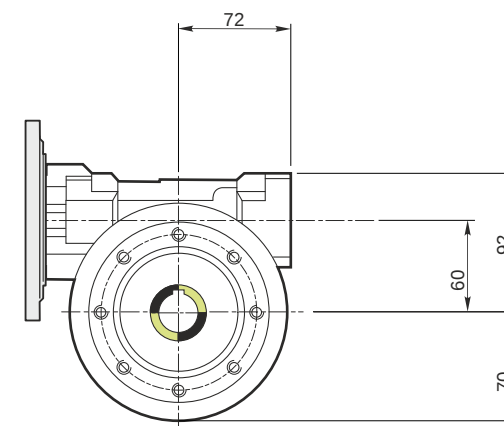
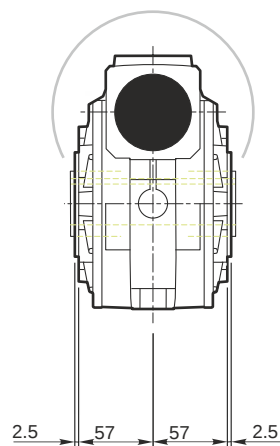
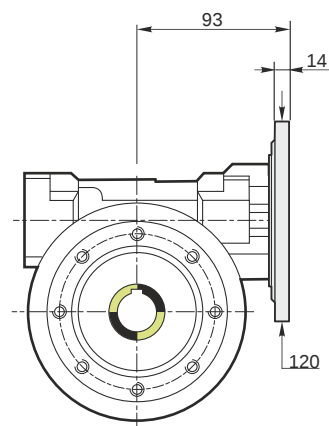
Ball bearings output radial load	[N]	4600
Taper bearings output radial load	[N]	6100
Ball bearings output axial load	[N]	920
Taper bearings output axial load	[N]	1220

Accessories

Hollow output shaft	AC 25
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Electric motor coupling

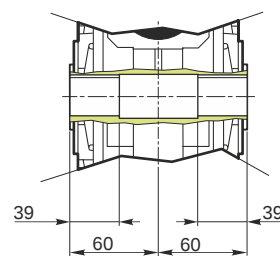
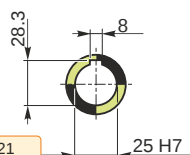
Size		80 A4
Poles n.		4
Power	[kW]	0.55

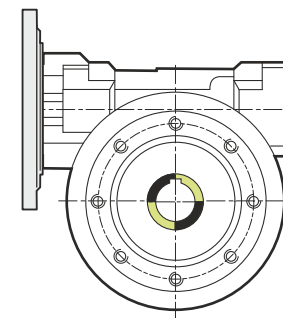
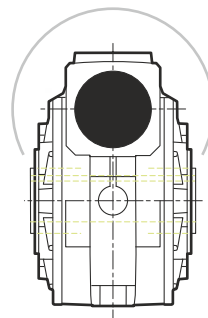
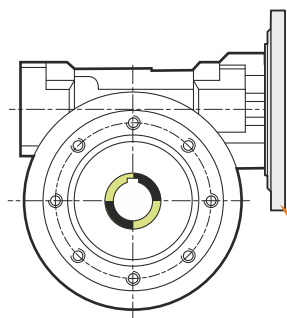


69.99
69.971

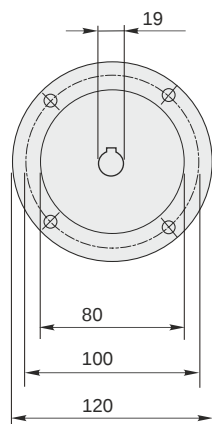
25.021
25.000

Hollow output shaft



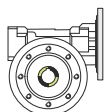


This gear unit is provided with an elastic coupling motor fitting

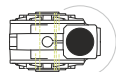


Mounting positions

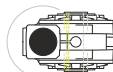
B3



B6



B7



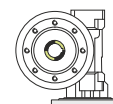
B8



V5



V6



0.23



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg] 6.5

Gearing data

Axial module	1.7
Number of starts	1
Lead angle	3° 55'
Pressure angle	20°

Backdriving

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