

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	35
Ratio (i=)		40
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.75
Service factor		1
Rated Power P1	[kW]	0.75

Output data

Gear unit S RT 60 B3 40 80 B14 AC 25

Type		RT - Worm speed reducers
Input type		S (Elastic coupling)
Size		60
Ratio (i=)		40
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	35
Rated output torque	[Nm]	135.06
Service Factor		1
Efficiency		0.66
Inertia moment	[kgm ²]	0.000104

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Universal
Version	B3

Output radial and axial loads

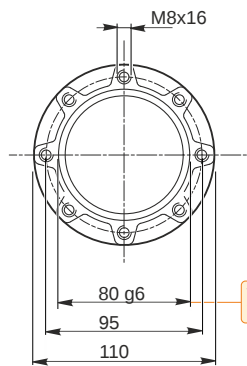
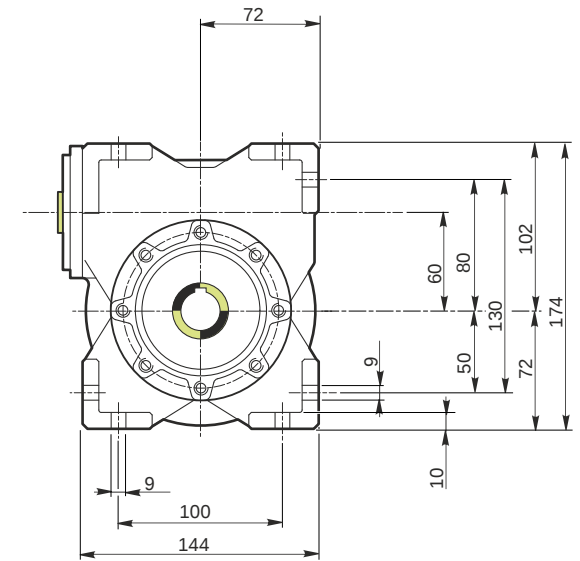
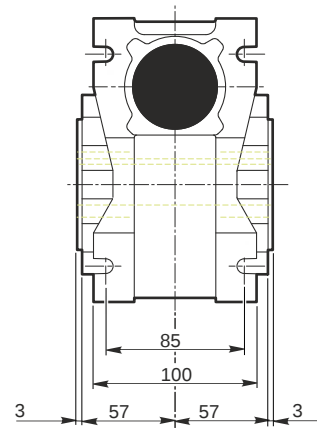
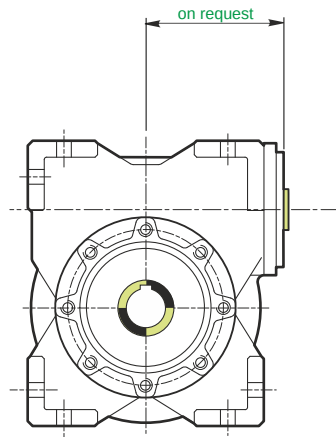
Ball bearings output radial load	[N]	3900
Taper bearings output radial load	[N]	5100
Ball bearings output axial load	[N]	780
Taper bearings output axial load	[N]	1020

Accessories

Hollow output shaft	AC 25
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Electric motor coupling

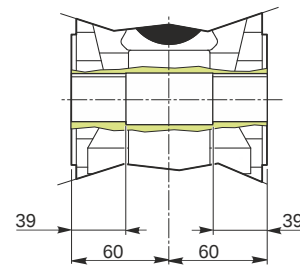
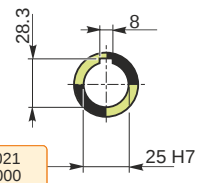
Size		80 B4
Poles n.		4
Power	[kW]	0.75



79.99
79.971

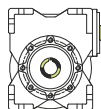
25.021
25.000

Hollow output shaft

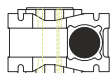


Mounting positions

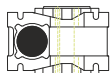
B3



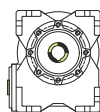
B6



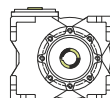
B7



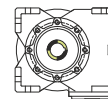
B8



V5



V6



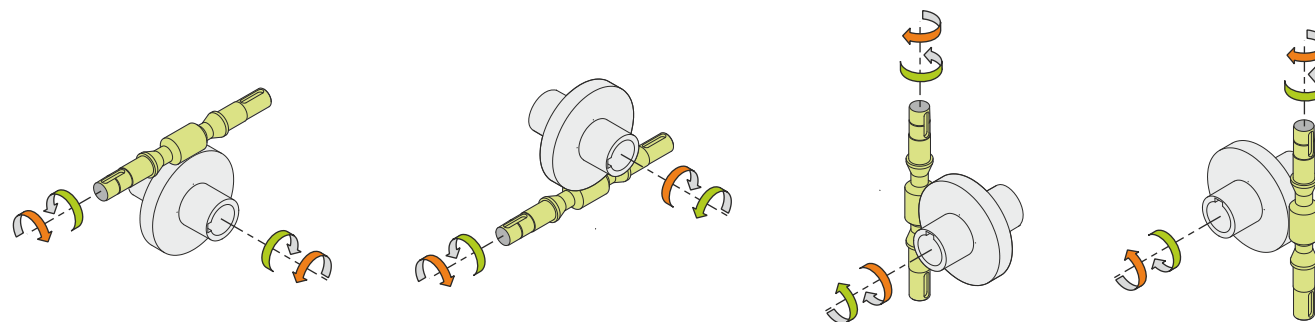
0.23



Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg] 6.5

Gearing data

Axial module	2.4
Number of starts	1
Lead angle	5° 42'
Pressure angle	20°

Backdriving

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

S RT 60 B3 40 80 B14 AC 25