

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Ratio (i=)		15
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.55
Service factor		2.9
Thermal power	[kW]	1.57

Output data

Gear unit S RT 60 B3 15 80 B14 AC 25

Type		RT - Worm speed reducers
Input type		S (Elastic coupling)
Size		60
Ratio (i=)		15
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Rated output torque	[Nm]	45.58
Service Factor		2.9
Efficiency		0.81
Inertia moment	[kgm ²]	0.00011

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Universal
Version	B3

Output radial and axial loads

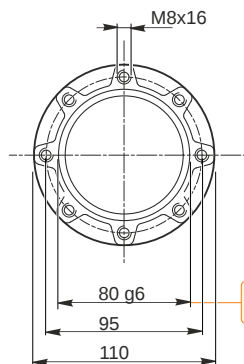
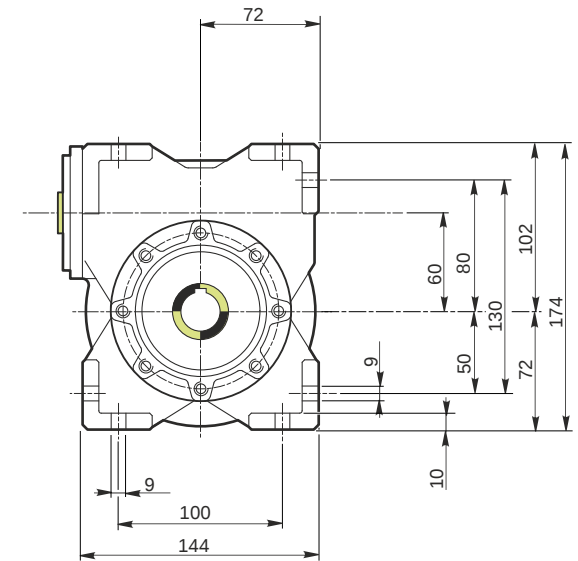
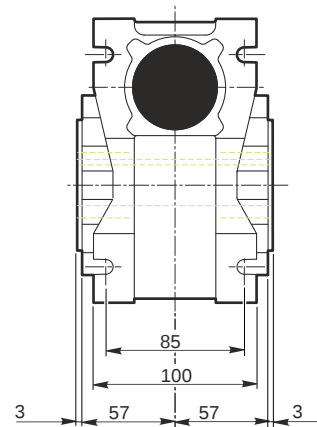
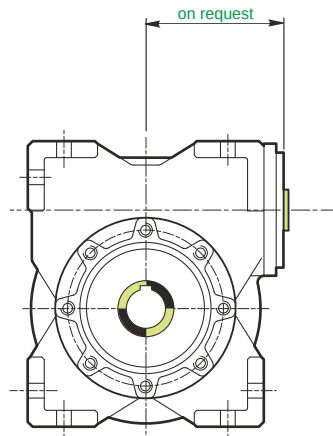
Ball bearings output radial load	[N]	2900
Taper bearings output radial load	[N]	3700
Ball bearings output axial load	[N]	580
Taper bearings output axial load	[N]	740

Accessories

Hollow output shaft	AC 25
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Electric motor coupling

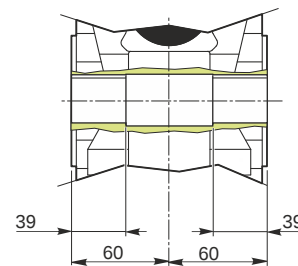
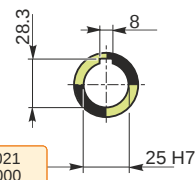
Size		80 A4
Poles n.		4
Power	[kW]	0.55



Hollow output shaft

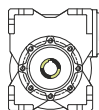
79.99
79.971

25.021
25.000

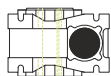


Mounting positions

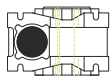
B3



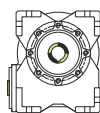
B6



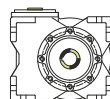
B7



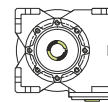
B8



V5



V6



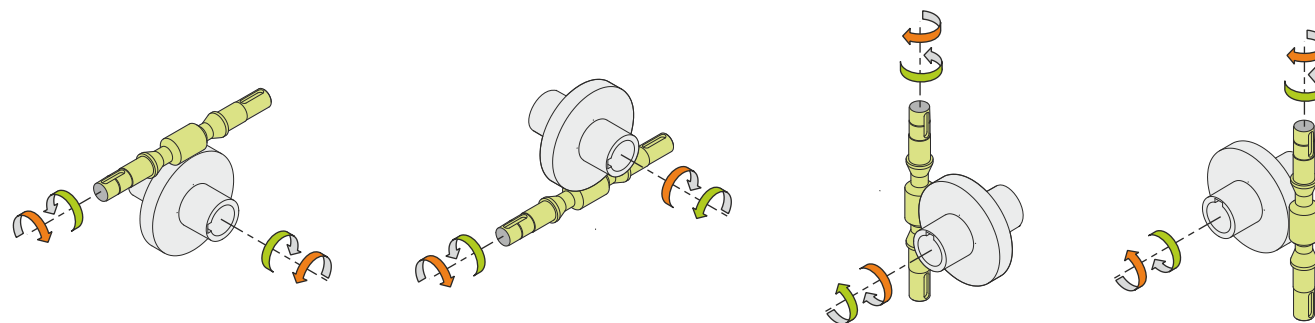
0.23



Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg] 6.5

Gearing data

Axial module	3.1
Number of starts	2
Lead angle	12° 55'
Pressure angle	20°

Backdriving

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