

### Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	28.57
Ratio (i=)		49
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.75
Service factor		0.8
Rated Power P1	[kW]	0.62

### Output data

#### Gear unit **S RT 60 B3 49 80 B14 AC 25**

Type		RT - Worm speed reducers
Input type		S (Elastic coupling)
Size		60
Ratio (i=)		49
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	28.57
Rated output torque	[Nm]	155.43
Service Factor		0.8
Efficiency		0.62
Inertia moment	[kgm <sup>2</sup> ]	0.000104

#### Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

#### Output radial and axial loads

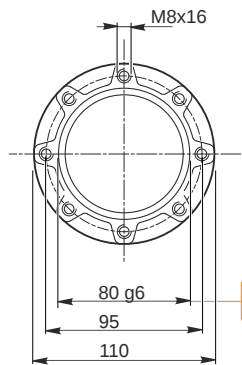
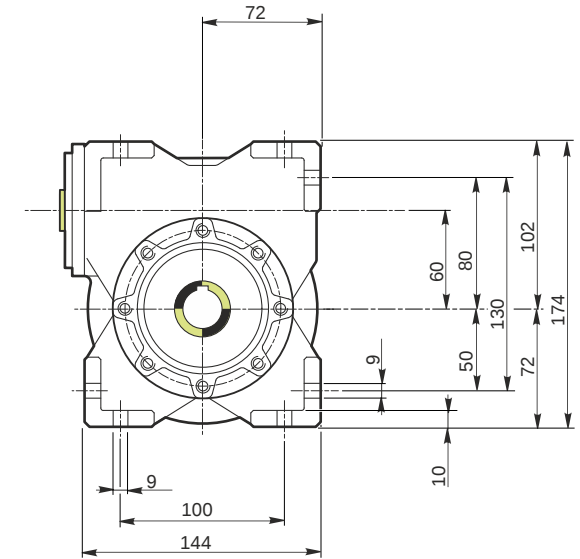
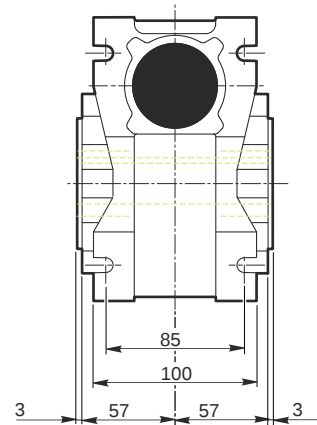
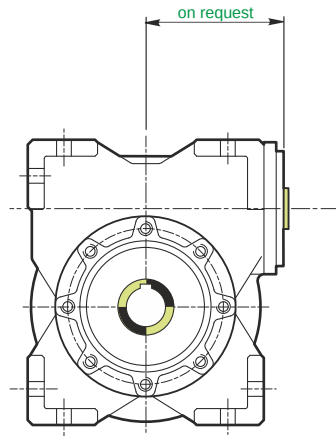
Ball bearings output radial load	[N]	4300
Taper bearings output radial load	[N]	5700
Ball bearings output axial load	[N]	860
Taper bearings output axial load	[N]	1140

#### Accessories

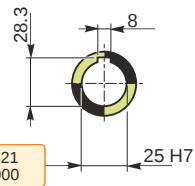
Hollow output shaft		AC 25
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#### Electric motor coupling

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

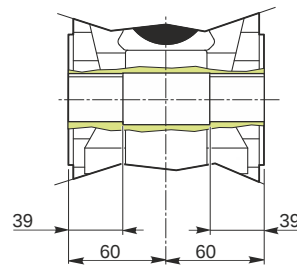


Hollow output shaft



79.99  
79.971

25.021  
25.000



**Mounting positions**

**B3**

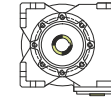
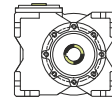
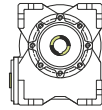
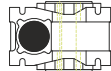
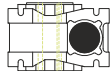
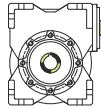
**B6**

**B7**

**B8**

**V5**

**V6**



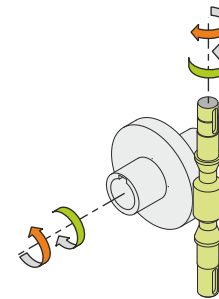
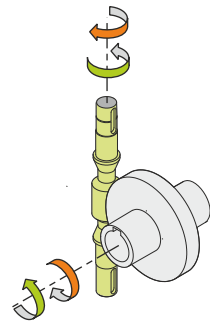
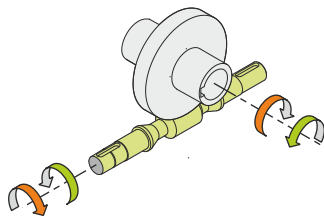
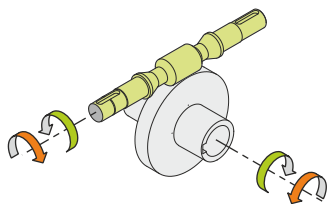
0.23



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

**Direction of rotation**



**Weight**

Gear unit [kg] 6.5

**Gearing data**

Axial module	2
Number of starts	1
Lead angle	5° 11'
Pressure angle	20°

**Backdriving**

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