

### 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]	0.13
Service factor		4.2
Rated Power P1	[kW]	0.55

### Output data

**Gear unit** **F RS 40 Output flange No Flange FL (bolted) 15 63 B5 AC 18 B3**

Type		RS - Worm speed reducers
Input type		F (Elastic coupling)
Size		40
Ratio (i=)		15
Input flange		B5
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Rated output torque	[Nm]	10.38
Service Factor		4.2
Efficiency		0.78
Inertia moment	[kgm <sup>2</sup> ]	0.000019

#### Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Output flange
Right side flange		No Flange
Left side flange		FL (bolted)

#### Output radial and axial loads

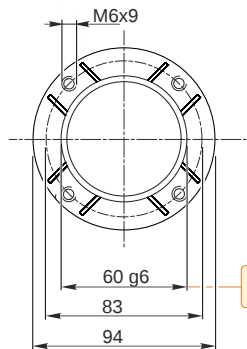
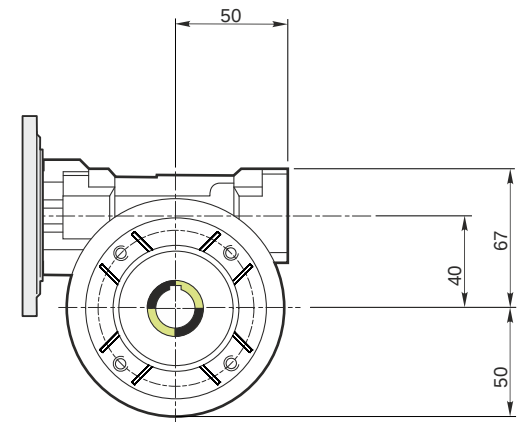
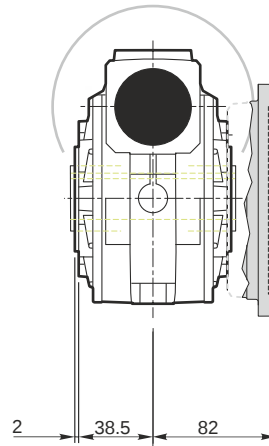
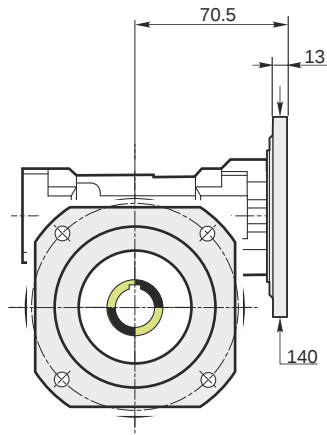
Ball bearings output radial load	[N]	1200
Taper bearings output radial load	[N]	1650
Ball bearings output axial load	[N]	240
Taper bearings output axial load	[N]	330

#### Accessories

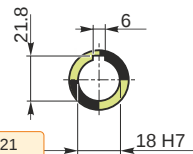
Hollow output shaft		AC 18
---------------------	--	-------

#### Electric motor coupling

Size		63 A4
Poles n.		4
Power	[kW]	0.13

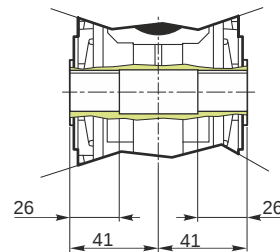


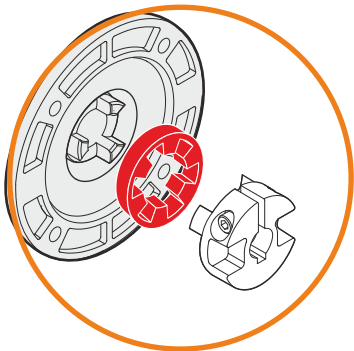
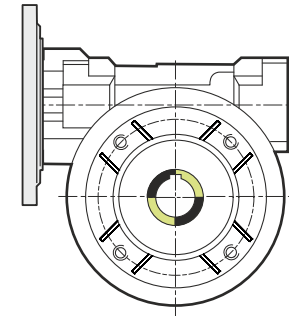
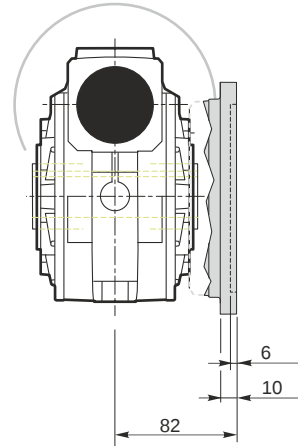
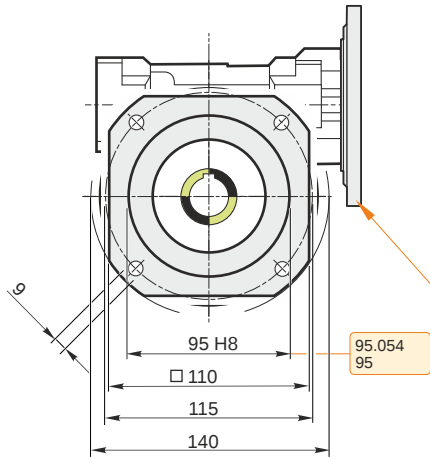
Hollow output shaft



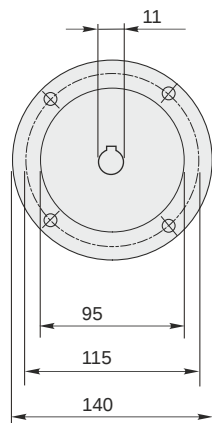
59.99  
59.971

18.021  
18.000



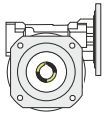


This gear unit is provided with an elastic coupling motor fitting

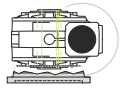


### Mounting positions

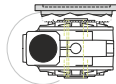
B3



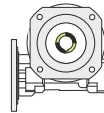
B6



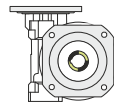
B7



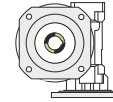
B8



V5



V6



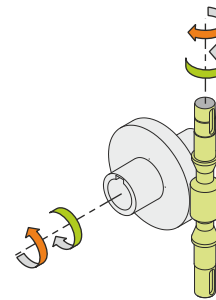
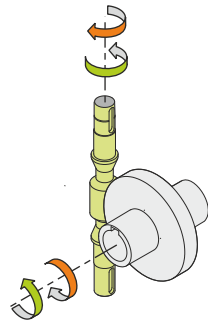
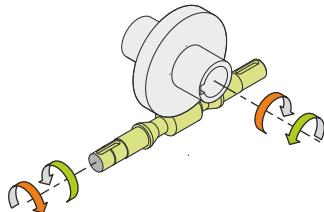
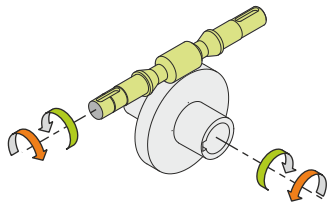
0.08



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

### Direction of rotation



### Weight

Gear unit [kg] 2.5

### Gearing data

Axial module	2
Number of starts	2
Lead angle	11° 18'
Pressure angle	20°

### Backdriving

Variable static self-locking  
Quick back-driving in case of vibrations  
Dynamic back-driving