

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 RT 40 B3 15 63 B14 AC 18	
------------------	-----------------------------------	--

Type		RT - Worm speed reducers
Input type		F (Elastic coupling)
Size		40
Ratio (i=)		15
Input flange		B14
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 ²]	0.000019

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

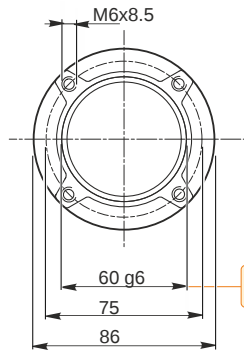
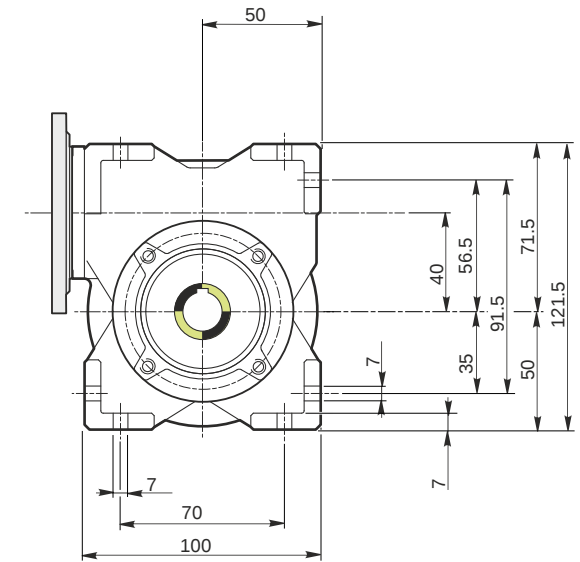
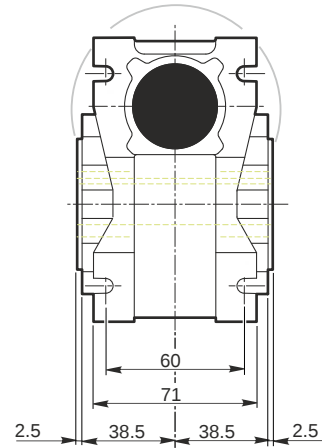
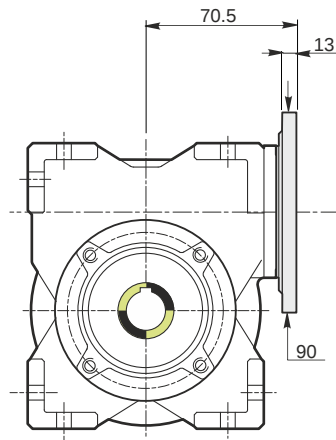
Ball bearings output radial load	[N]	1200
Taper bearings output radial load	[N]	1650
Ball bearings output axial load	[N]	240
Taper bearings output axial load	[N]	330

Accessories

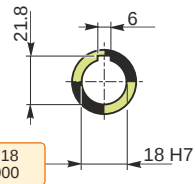
Hollow output shaft		AC 18
---------------------	--	-------

Electric motor coupling

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

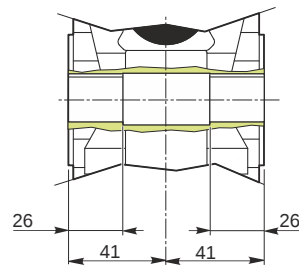


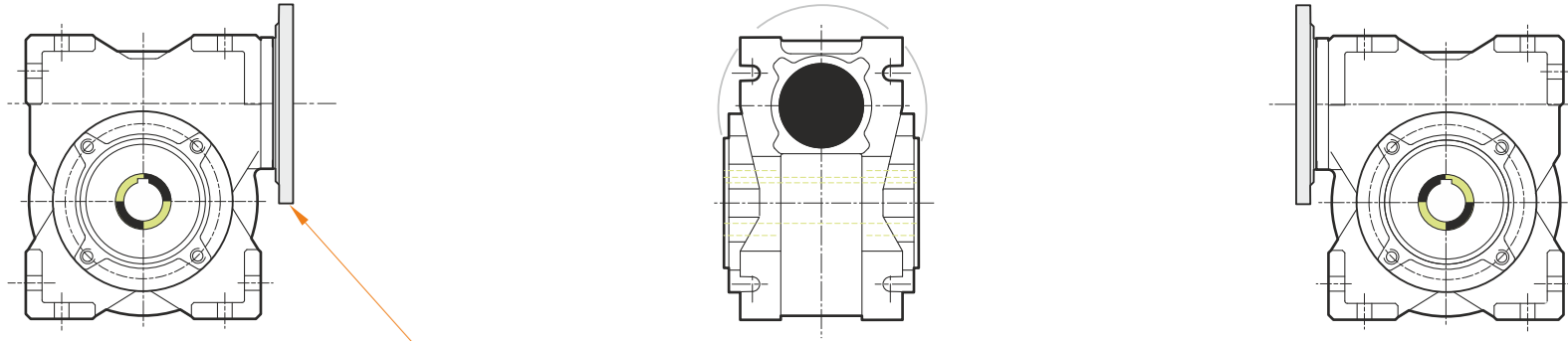
Hollow output shaft



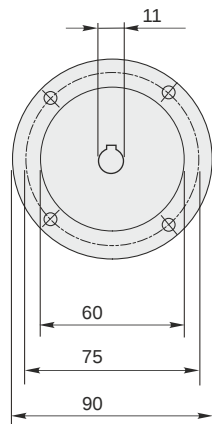
59.99
59.971

18.018
18.000





This gear unit is provided with an elastic coupling motor fitting



Mounting positions

B3

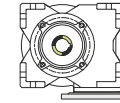
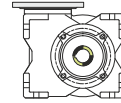
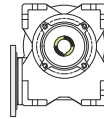
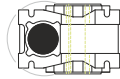
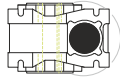
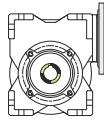
B6

B7

B8

V5

V6



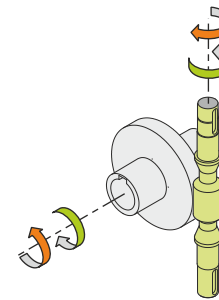
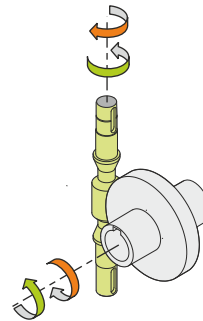
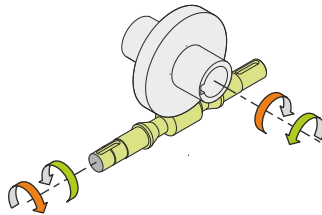
0.08



← 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