

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]	7.5
Service factor		1.5
Rated Power P1	[kW]	11.04

Output data

Gear unit **F RS 130 PC 15 132 B14 AC 48 B3**

Type		RS - Worm speed reducers
Input type		F
Size		130
Ratio (i=)		15
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	93.33
Rated output torque	[Nm]	652.3
Service Factor		1.5
Efficiency		0.85
Inertia moment	[kgm ²]	0.002928

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Shaft mounting
Version	PC

Output radial and axial loads

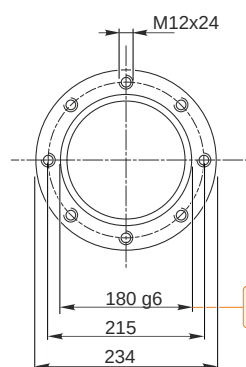
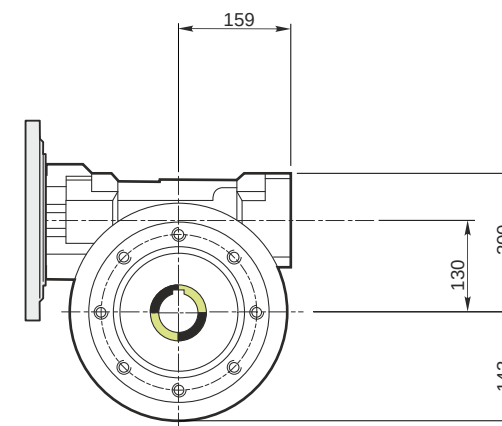
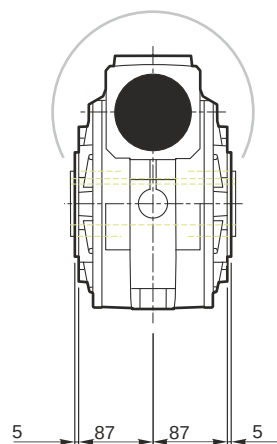
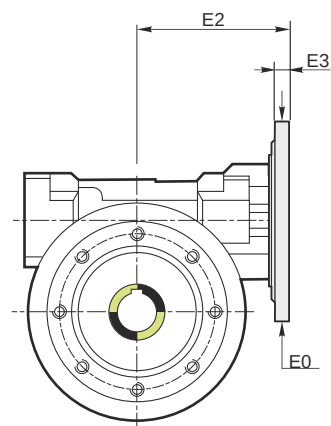
Ball bearings output radial load	[N]	6150
Taper bearings output radial load	[N]	8600
Ball bearings output axial load	[N]	1230
Taper bearings output axial load	[N]	1720

Accessories

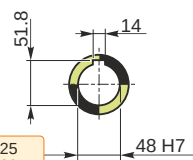
Hollow output shaft	AC 48
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Electric motor coupling

Size		132 M4
Poles n.		4
Power	[kW]	7.5

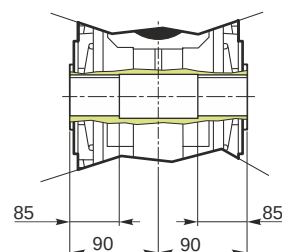


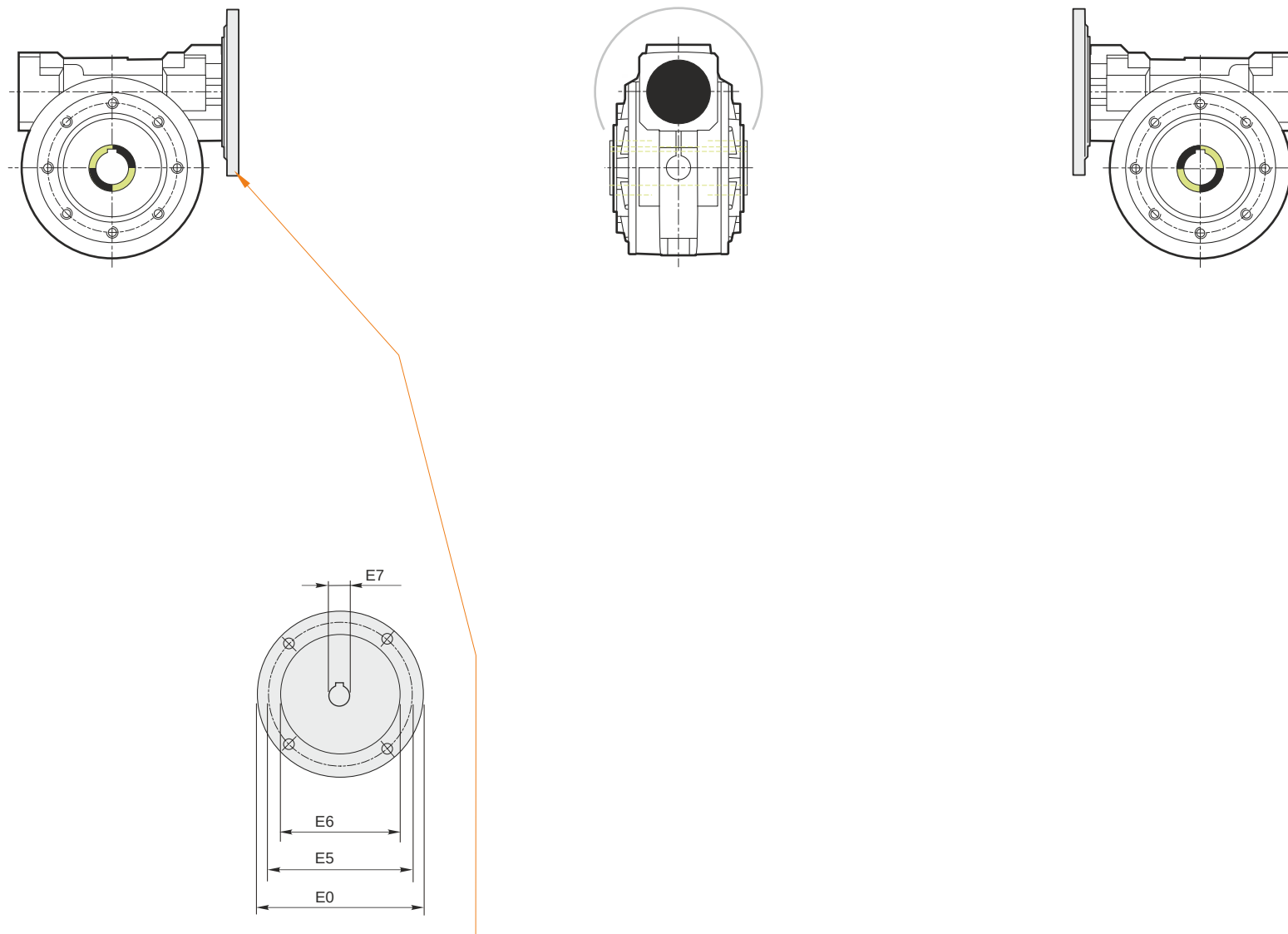
Hollow output shaft



179.986
179.961

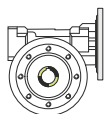
48.025
48.000



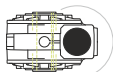


Mounting positions

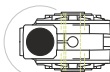
B3



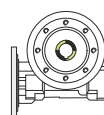
B6



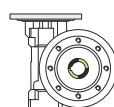
B7



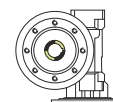
B8



V5



V6



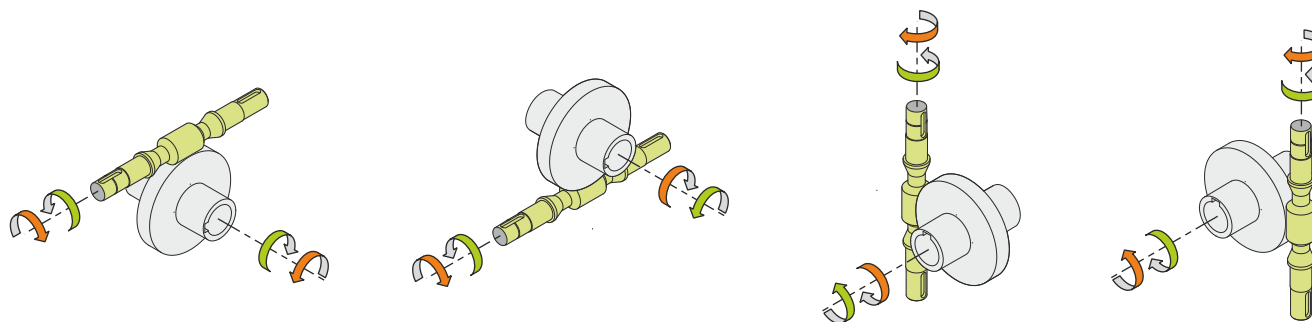
2.75



← Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg] 50

Gearing data

Axial module 6.85
Number of starts 2
Lead angle 14° 06'
Pressure angle 20°

Backdriving

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