Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	35
Ratio (i=)		40
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	5.5
Service factor		1
Rated Power P1	[kW]	5.5

Output data

Gear unit		**F RS 130 PC 40 132 B14 AC 48 B3**
Type		RS - Worm speed reducers
Input type		F
Size		130
Ratio (i=)		40
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	35
Rated output torque	[Nm]	1140.54
Service Factor		1
Efficiency		0.76
Inertia moment	[kgm^2]	0.002685

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Shaft mounting
Version		PC

Output radial and axial loads

Ball bearings output radial load	[N]	7800
Taper bearings output radial load	[N]	11700
Ball bearings output axial load	[N]	1560
Taper bearings output axial load	[N]	2340

Accessories

Hollow output shaft		AC 48

Electric motor coupling

Size		132 S4
Poles n.		4
Power	[kW]	5.5

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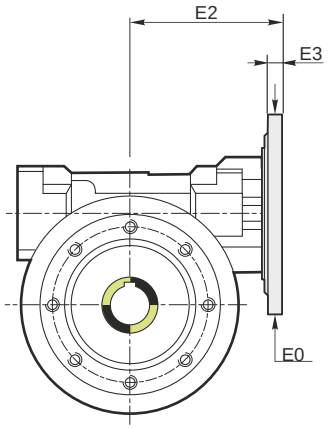

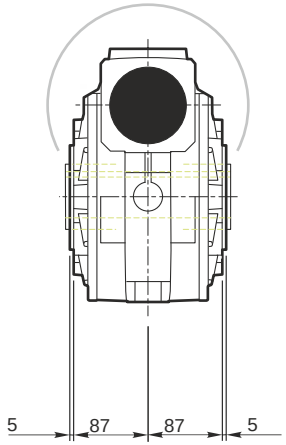

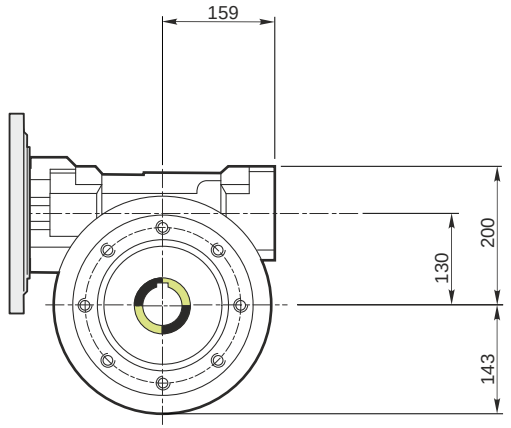

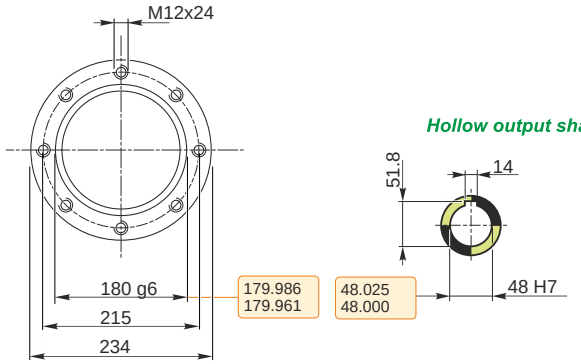

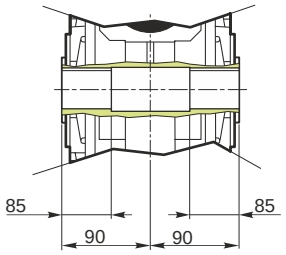

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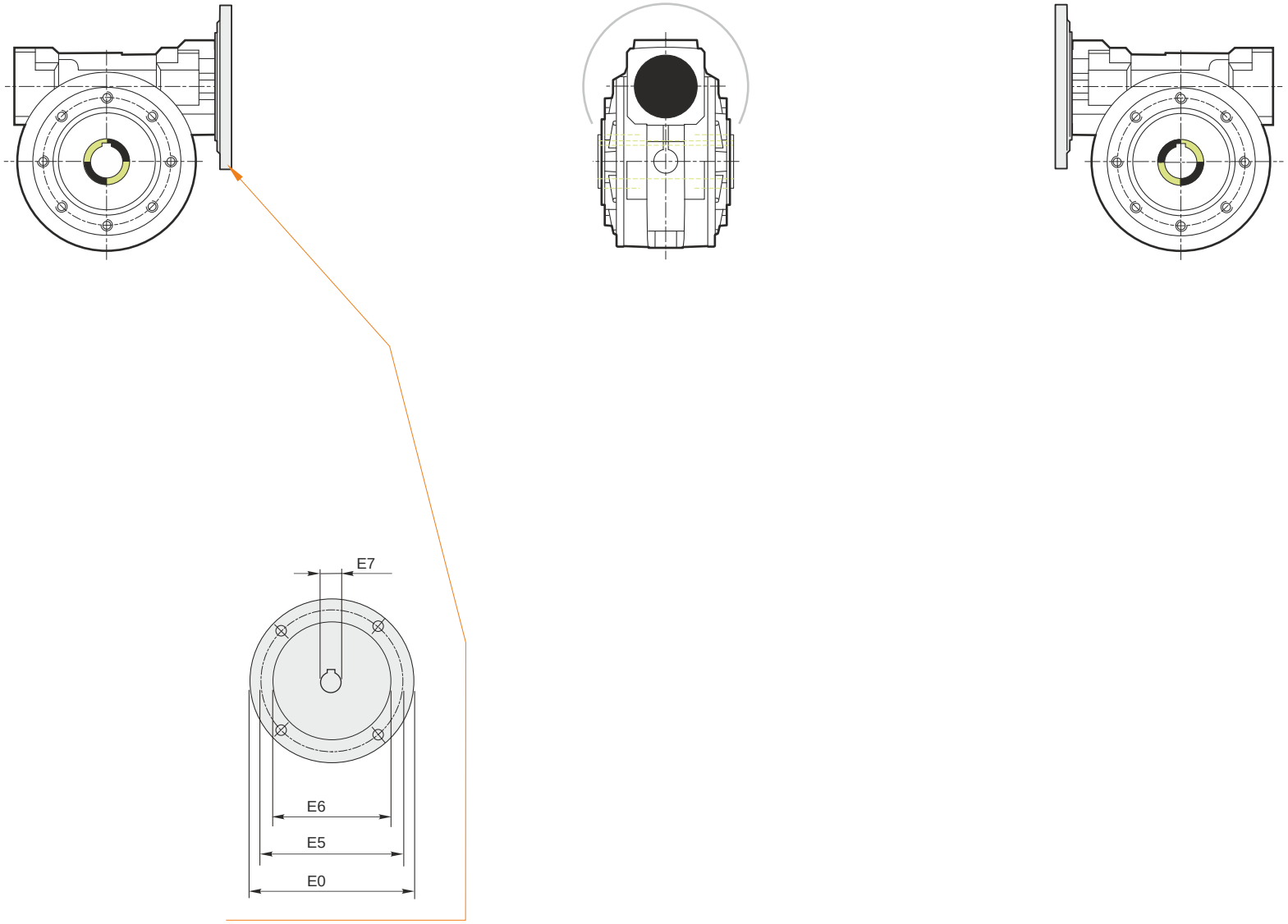

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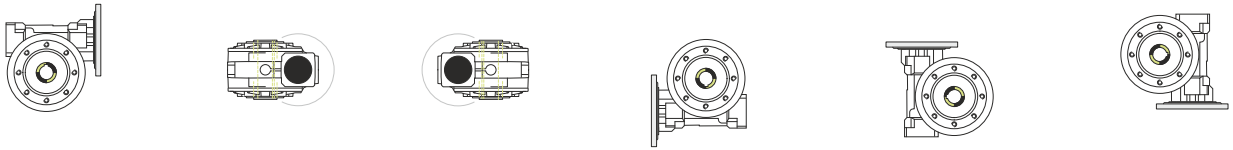
Mounting positions

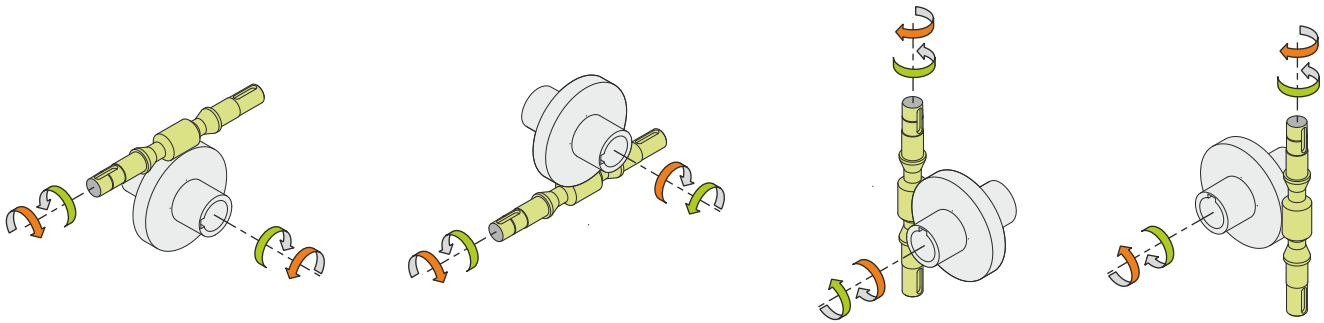
B3 B6 B7 B8 V5 V6



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	5.30
Number of starts	1
Lead angle	6° 18’
Pressure angle	20°

Backdriving

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

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