Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	140
Ratio (i=)		10
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	9.2
Service factor		1
Rated Power P1	[kW]	8.96

Output data

Gear unit		**M RS 110 PC 10 132 B14 AC 42 MT 9.2 kW 132 ML4 B14 X3 B3**
Type		RS - Worm speed reducers
Input type		M
Size		110
Ratio (i=)		10
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	140
Rated output torque	[Nm]	545.99
Service Factor		1
Efficiency		0.87
Inertia moment	[kgm^2]	0.001942

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Shaft mounting
Version		PC

Output radial and axial loads

Ball bearings output radial load	[N]	4150
Taper bearings output radial load	[N]	5400
Ball bearings output axial load	[N]	830
Taper bearings output axial load	[N]	1080

Accessories

Hollow output shaft		AC 42

Electric motor

Size		132 ML4
Poles		4
Power	[kW]	9.2

Electric motor configuration

Motor flange		B14
Terminal box position		X3

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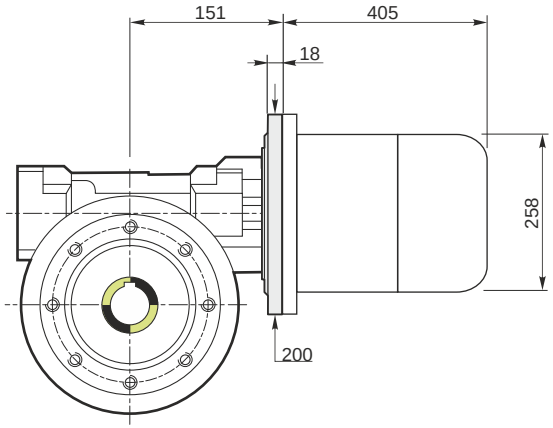
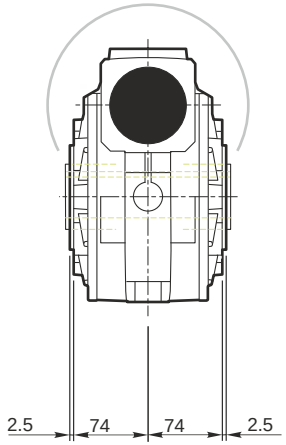
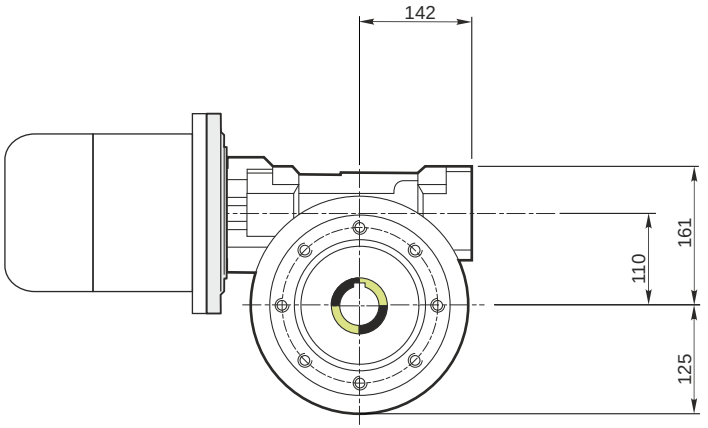
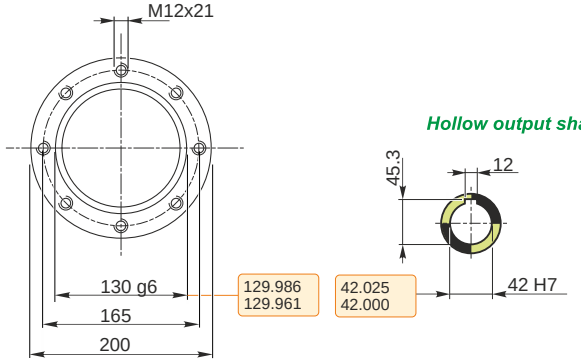
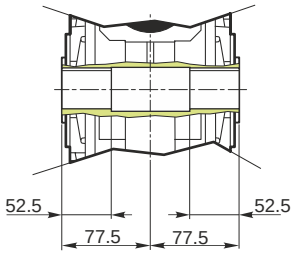








Hollow output shaft



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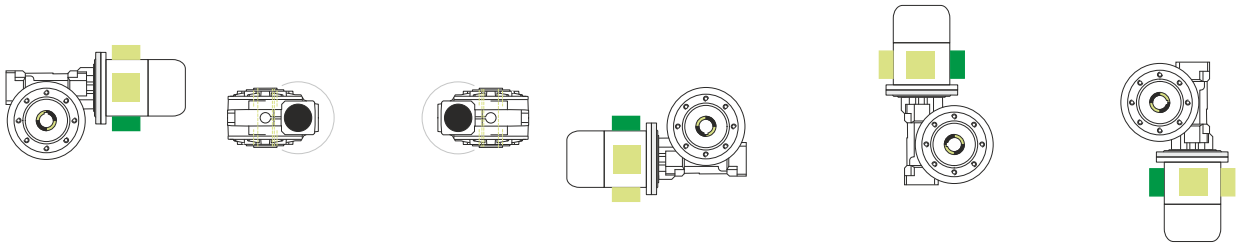
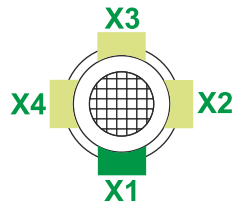
Mounting positions

B3 B6 B7 B8 V5 V6



Terminal box position

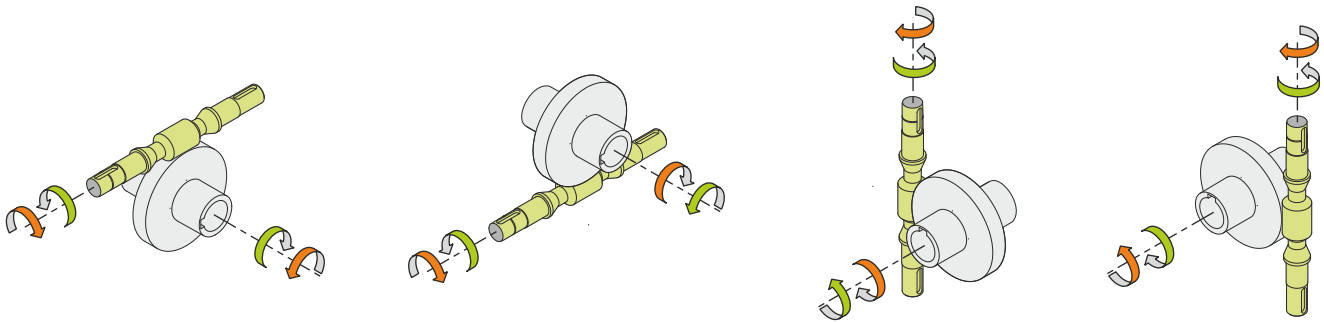


1.5

Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	39
Electric motor [kg]	52

Gearing data

Axial module	5.8
Number of starts	3
Lead angle	20° 43’
Pressure angle	20°

Backdriving

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

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