

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1680
Output speed	[rpm]	49.32
Ratio (i=)		34.06
Frequency	[Hz]	60
Input options		NEMA
Requested input power	[kW]	2.24
Service factor		2.1
Rated Power P1	[kW]	3.84

Output data

Gear unit	M RO 43 B3 H1 34.06 180TC AS 45x90 LH MTN 3.02 HP 180TC 4 X2
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Type		RO - Bevel helical reducers
Input type		M
Size		43
Ratio (i=)		34.06
Input flange		
Mounting position		H1
Input speed	[rpm]	1680
Output speed	[rpm]	49.32
Rated output torque	[Nm]	407.68
Service Factor		2.1
Efficiency		0.94
Inertia moment	[kgm ²]	5.3906

Gear unit configuration

Output shaft	Single output shaft
Fixing	Feet

Output radial and axial loads

Output radial load	[N]	9580
Output axial load	[N]	1916

Accessories

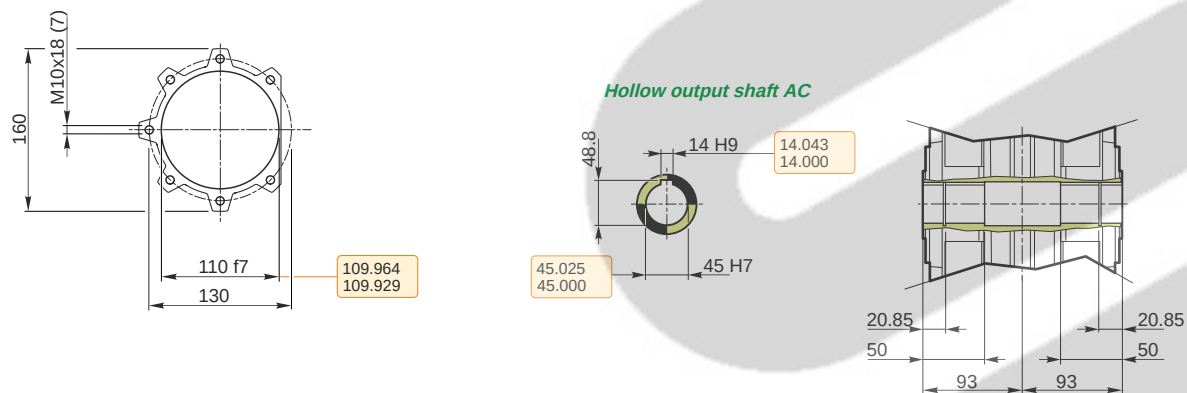
Single output shaft	AS 45x90 LH
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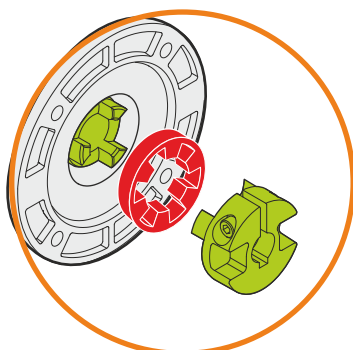
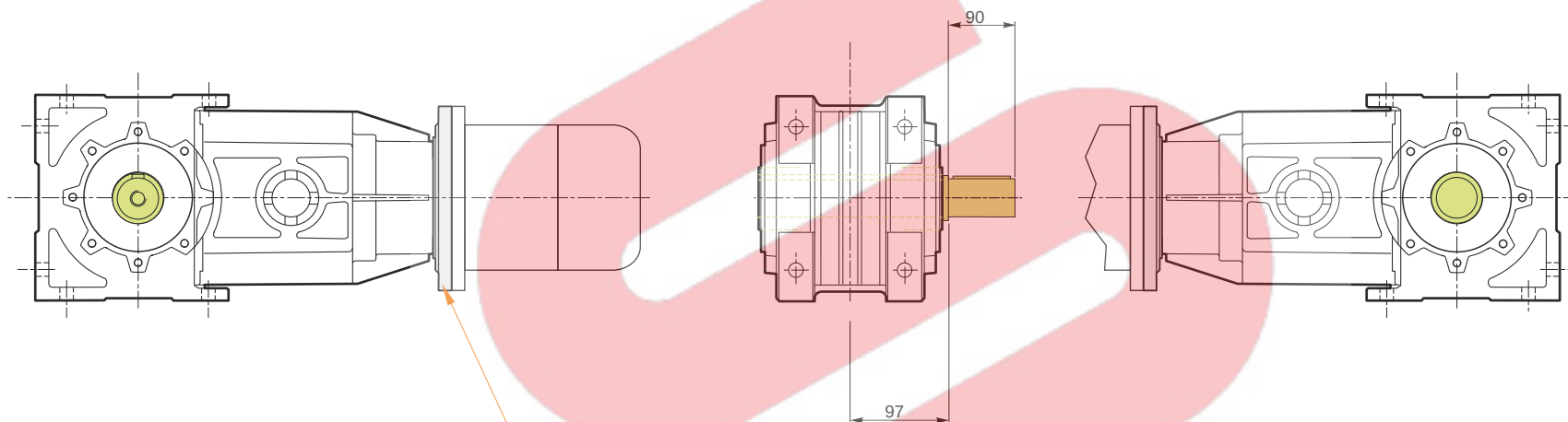
Electric motor

Size		180TC
Poles		4
Power	[kW]	2.24

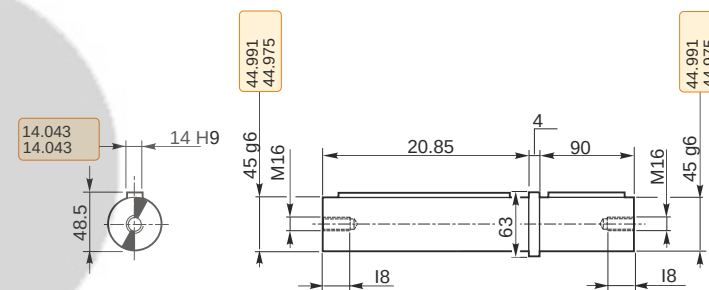
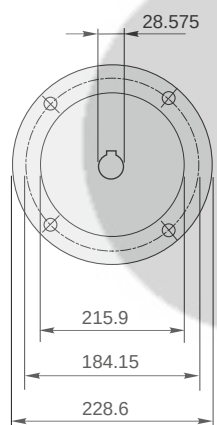
Electric motor configuration

Terminal box position	X2
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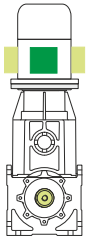
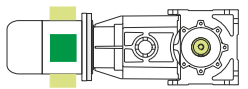
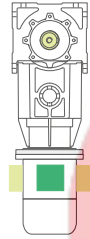
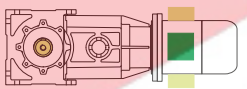
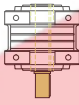
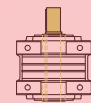
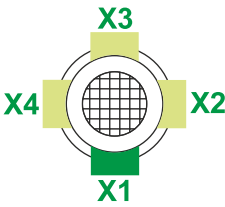


This gear unit is provided with an elastic coupling motor fitting



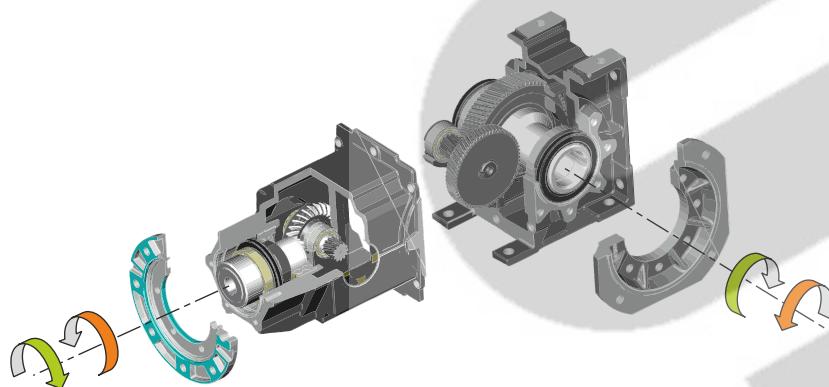
! Output shaft is delivered as loose accessory

Mounting positions

H1	H2	H3	H4	V1	V2		Terminal box position
							
2.8	2	1.6	2	2.5	2.5	 Oil quantity [litres]	

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

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