

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	279.44
Ratio (i=)		5.01
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	1.1
Service factor		2.9
Rated Power P1	[kW]	3.2

Output data

Gear unit	M RD 22 B3 H1 5.01 90 B14 AU 30x60 MT 1.1 kW 90 S4 B14 X3
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Type		RD - Helical gearboxes
Input type		M
Size		22
Ratio (i=)		5.01
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	279.44
Rated output torque	[Nm]	36.09
Service Factor		2.9
Efficiency		0.96
Inertia moment	[kgm ²]	0.000218

Gear unit configuration

Fixing		Feet
Output shaft		AU 30x60

Output radial and axial loads

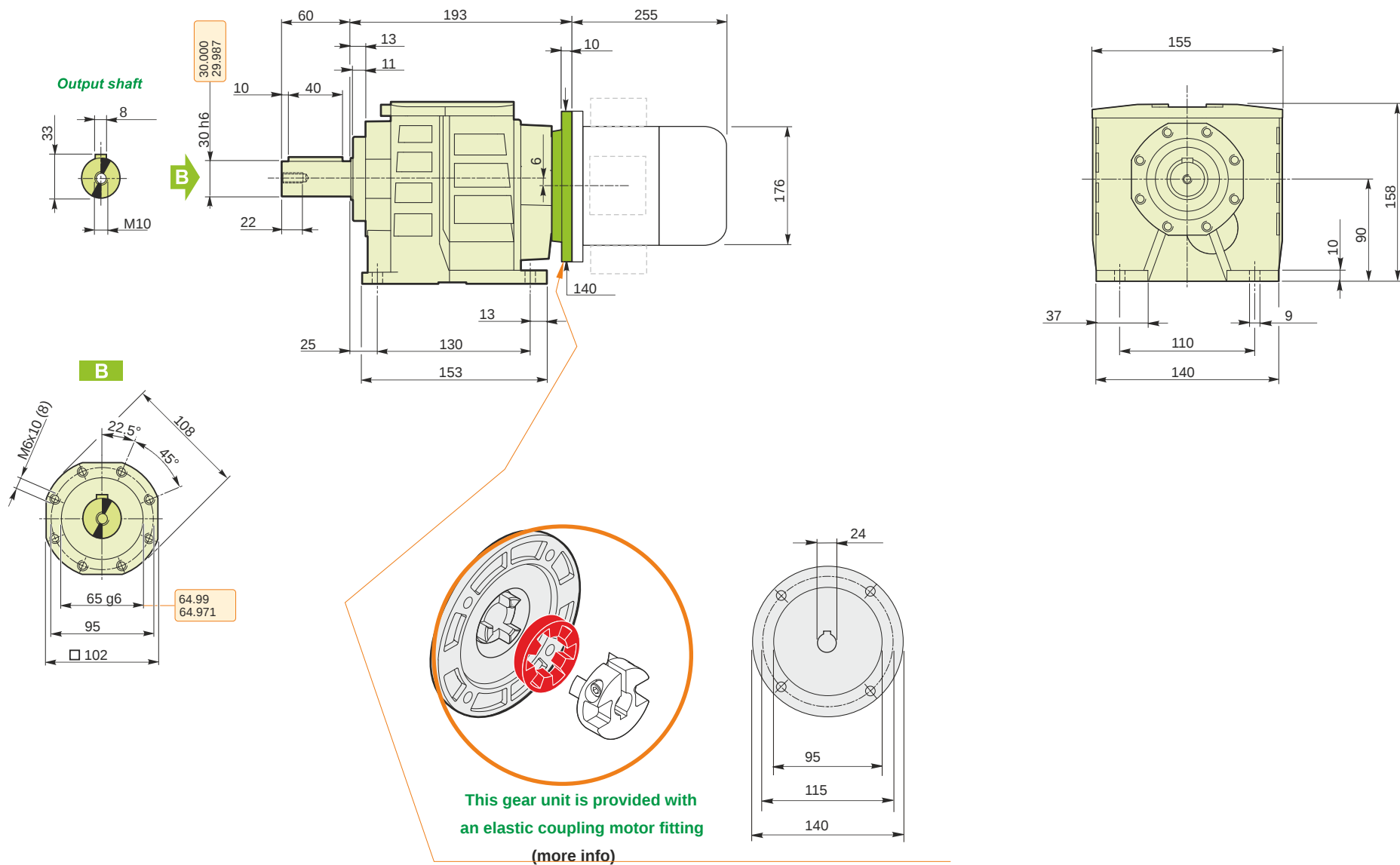
Output radial load	[N]	1700
Output axial load	[N]	340

Electric motor

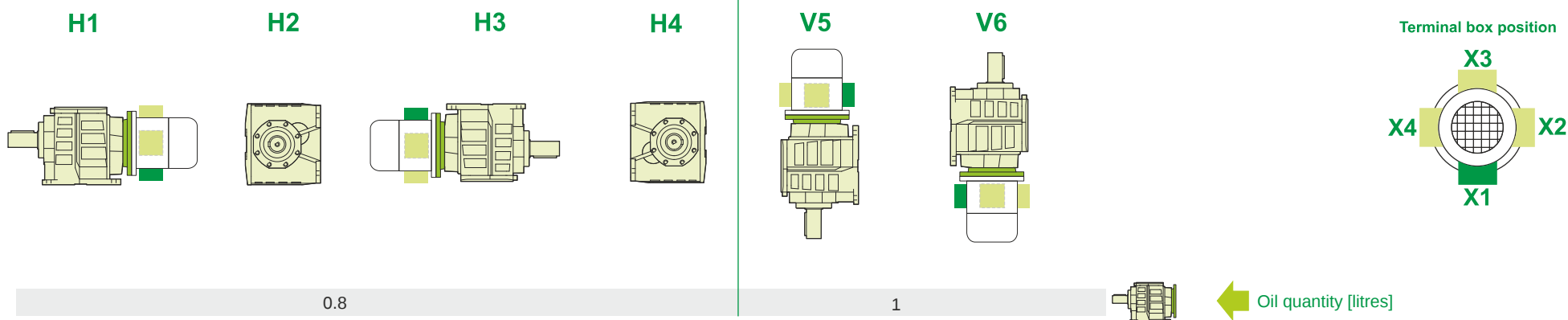
Size		90 S4
Poles		4
Power	[kW]	1.1

Electric motor configuration

Motor flange		B14
Terminal box position		X3

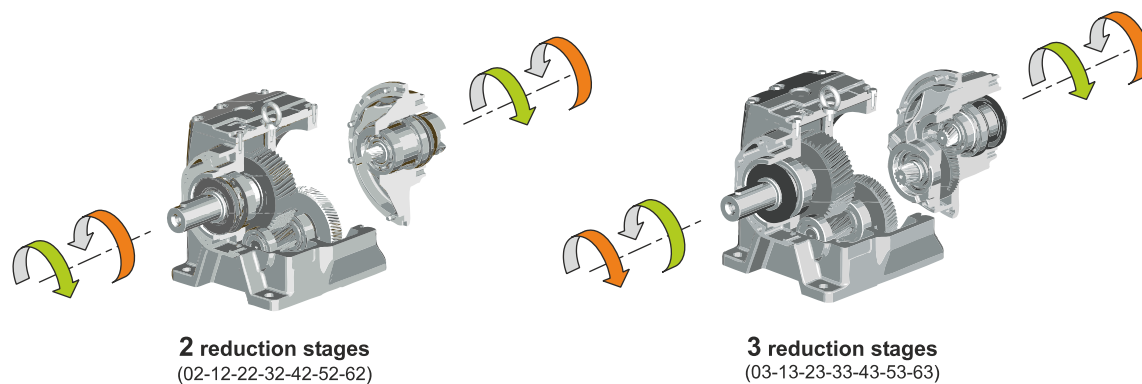


Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	7.9
Electric motor [kg]	12