

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	27.58
Ratio (i=)		50.76
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.37
Service factor		1.1
Rated Power P1	[kW]	0.42

Output data

Gear unit	M RD 22 B3 H1 50.76 71 B14 AU 25x50 MT 0.37 kW 71 B4 B14 X3
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Type		RD - Helical gearboxes
Input type		M
Size		22
Ratio (i=)		50.76
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	27.58
Rated output torque	[Nm]	122.99
Service Factor		1.1
Efficiency		0.96
Inertia moment	[kgm ²]	0.000168

Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

Output radial and axial loads

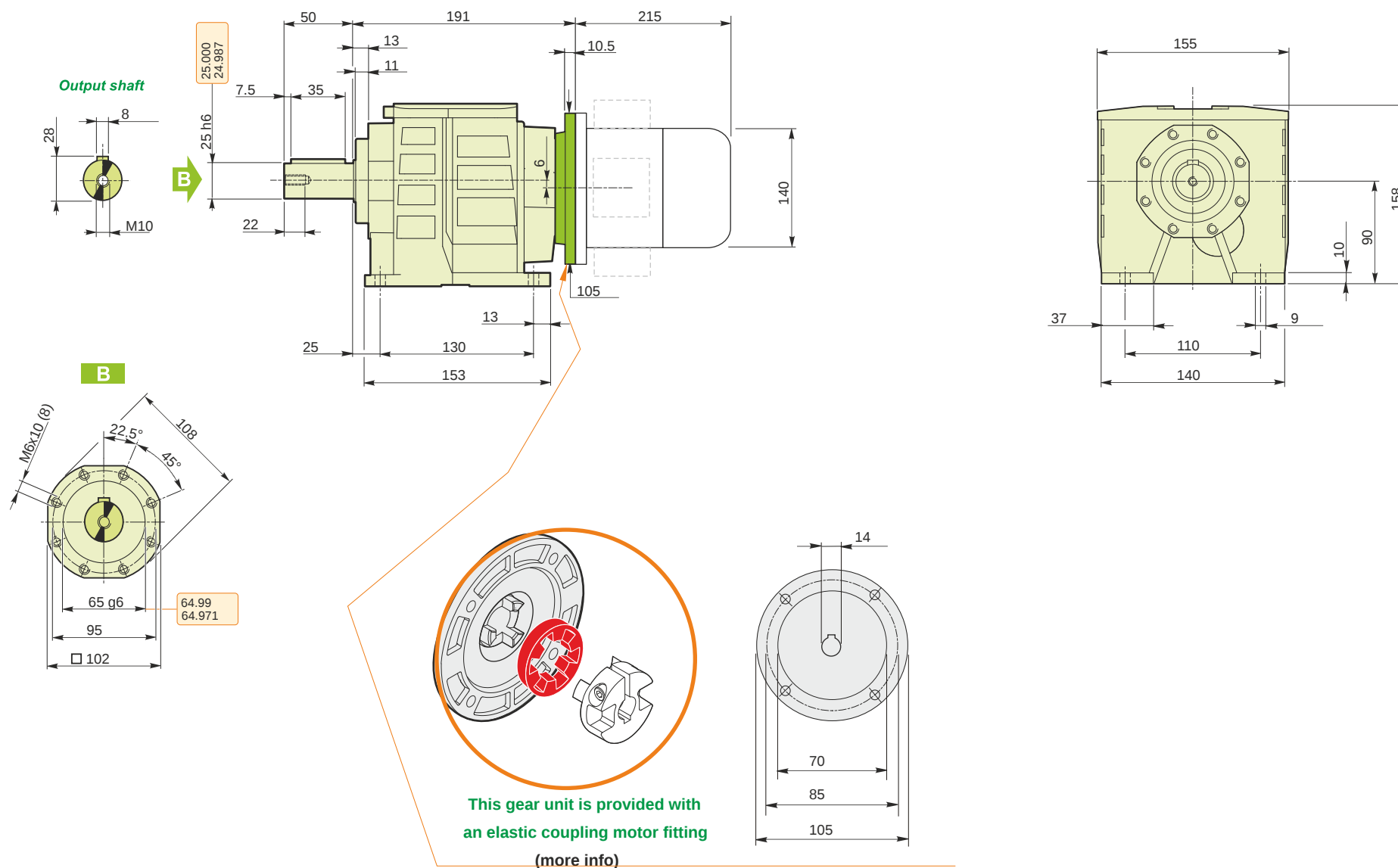
Output radial load	[N]	3050
Output axial load	[N]	610

Electric motor

Size		71 B4
Poles		4
Power	[kW]	0.37

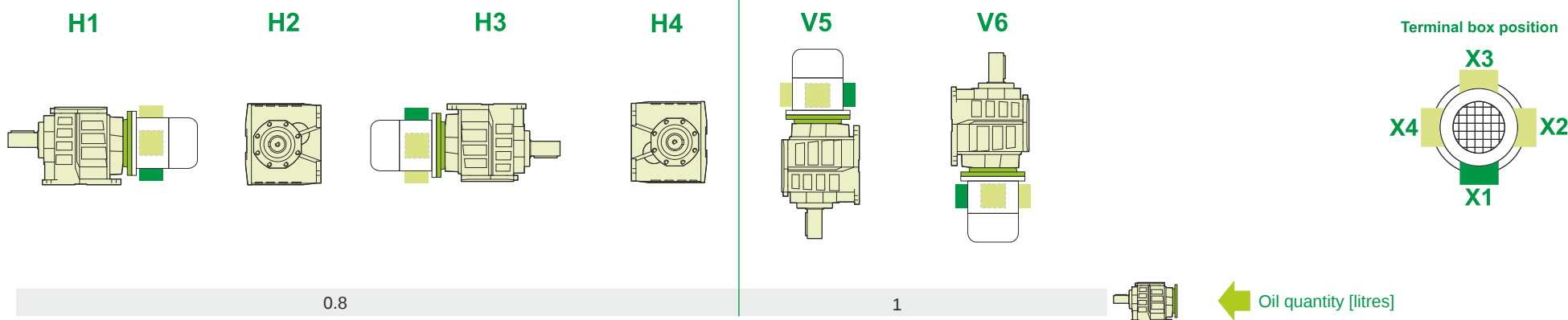
Electric motor configuration

Motor flange		B14
Terminal box position		X3



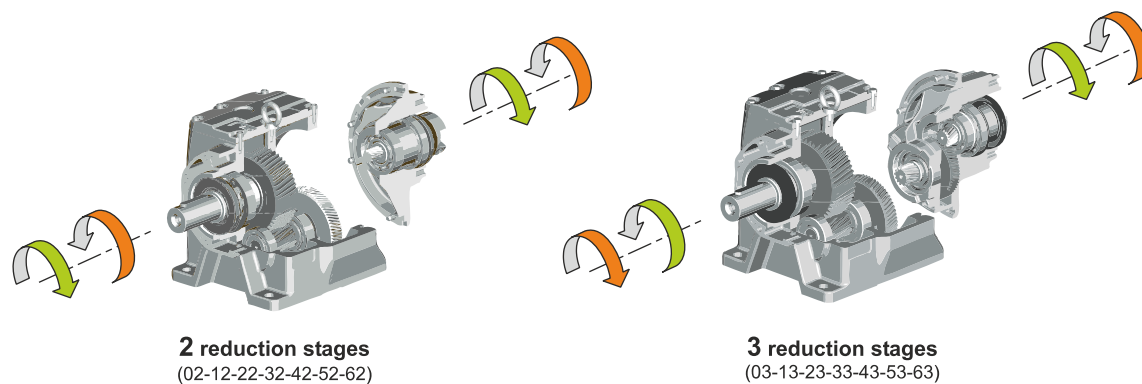
M RD 22 B3 H1 50.76 71 B14 AU 25x50 MT 0.37 kW 71 B4 B14 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	7.9
Electric motor [kg]	6.2