

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	44.47
Ratio (i=)		31.48
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	1.1
Service factor		0.8
Rated Power P1	[kW]	0.92

Output data

Gear unit	M RD 22 B3 H1 31.48 90 B14 AU 25x50 MT 1.1 kW 90 S4 B14 X3
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Type		RD - Helical gearboxes
Input type		M
Size		22
Ratio (i=)		31.48
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	44.47
Rated output torque	[Nm]	226.76
Service Factor		0.8
Efficiency		0.96
Inertia moment	[kgm ²]	0.000169

Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

Output radial and axial loads

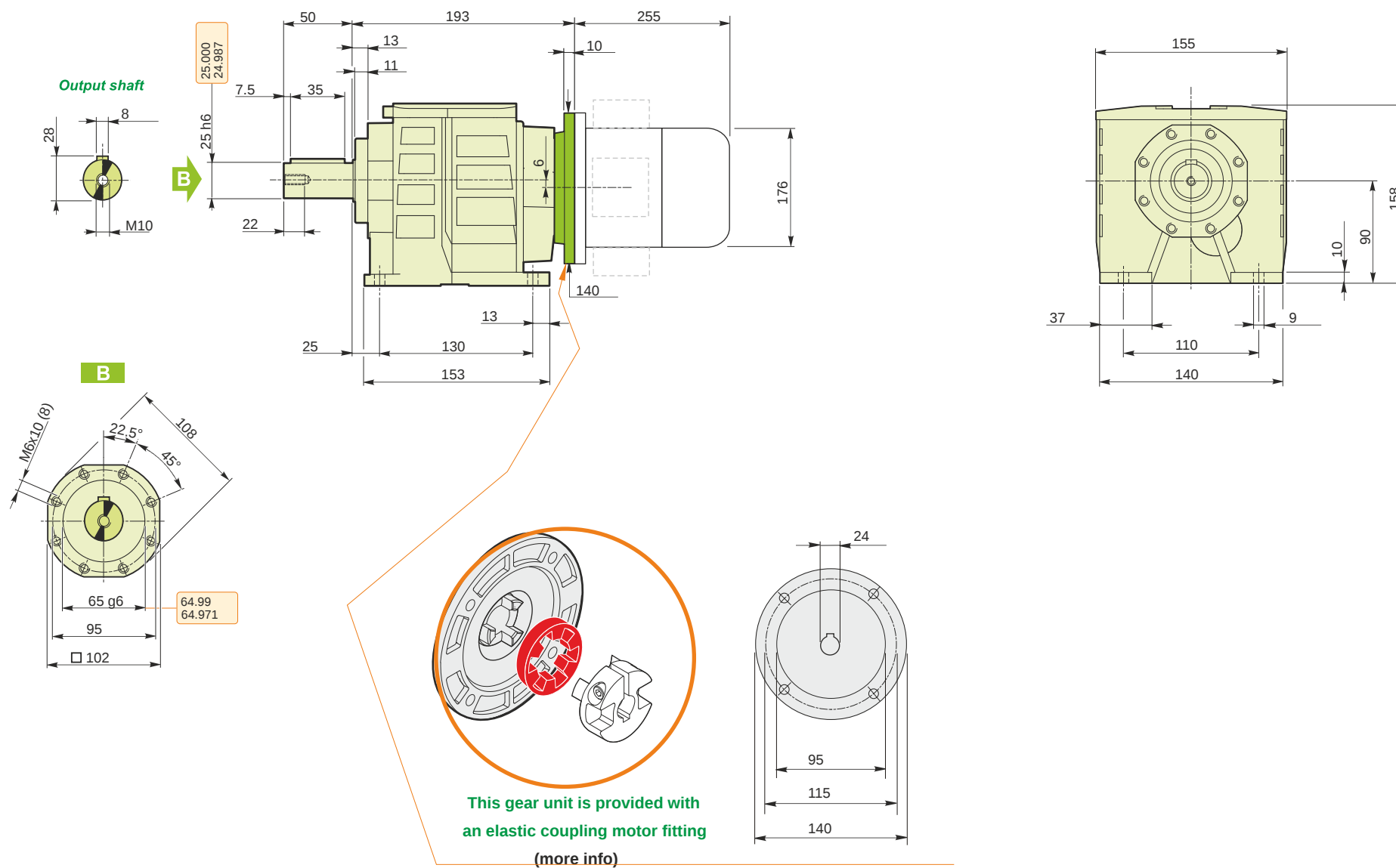
Output radial load	[N]	2600
Output axial load	[N]	520

Electric motor

Size		90 S4
Poles		4
Power	[kW]	1.1

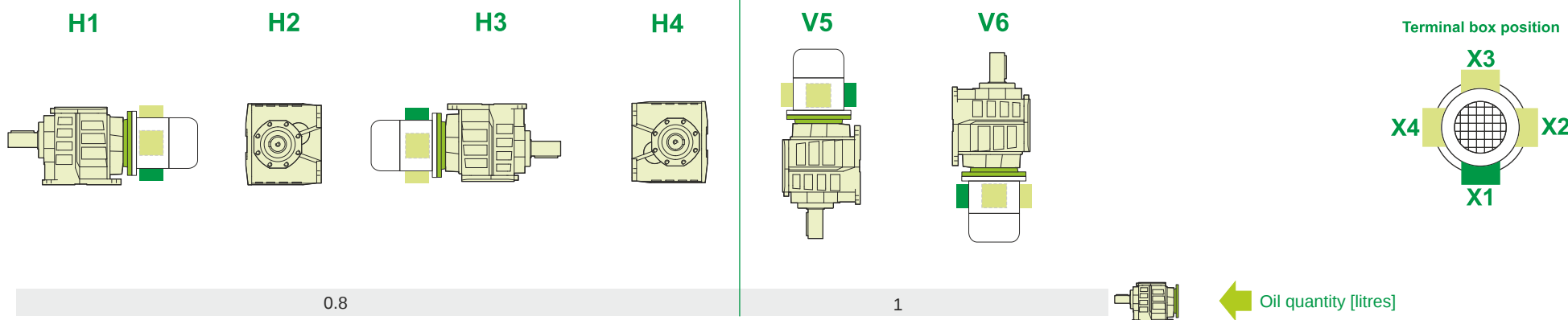
Electric motor configuration

Motor flange		B14
Terminal box position		X3



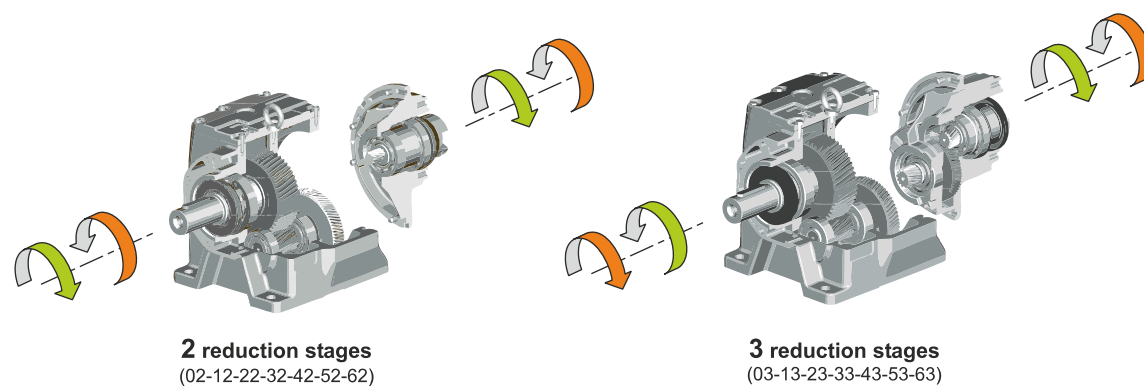
M RD 22 B3 H1 31.48 90 B14 AU 25x50 MT 1.1 kW 90 S4 B14 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

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

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