

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	105.82
Ratio (i=)		13.23
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	2.2
Service factor		0.9
Rated Power P1	[kW]	2.08

Output data

Gear unit	M RD 22 B3 H1 13.23 100 B14 AU 25x50 MT 2.2 kW 100 A4 B14 X3
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Type		RD - Helical gearboxes
Input type		M
Size		22
Ratio (i=)		13.23
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	105.82
Rated output torque	[Nm]	190.6
Service Factor		0.9
Efficiency		0.96
Inertia moment	[kgm ²]	0.000199

Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

Output radial and axial loads

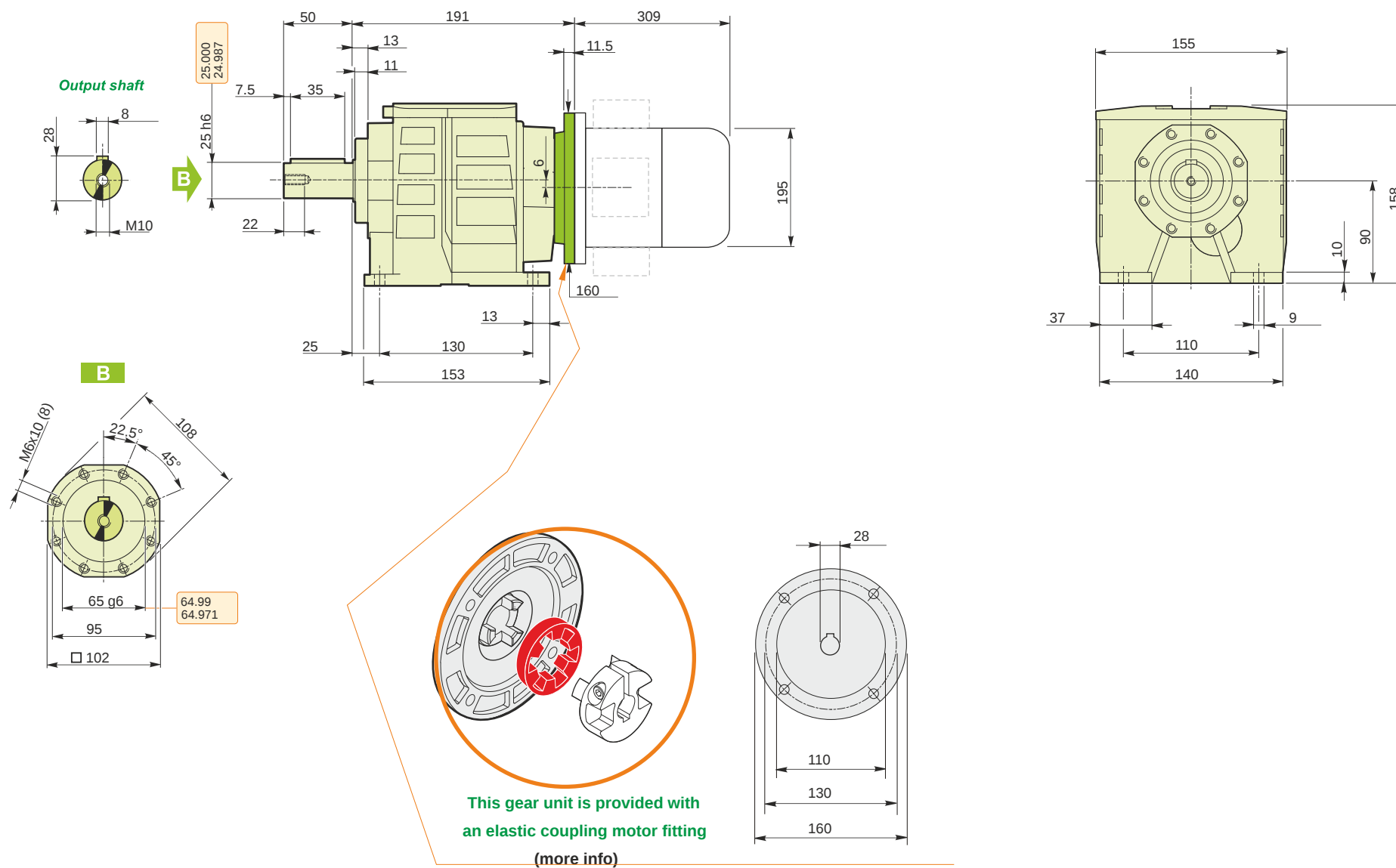
Output radial load	[N]	2200
Output axial load	[N]	440

Electric motor

Size		100 A4
Poles		4
Power	[kW]	2.2

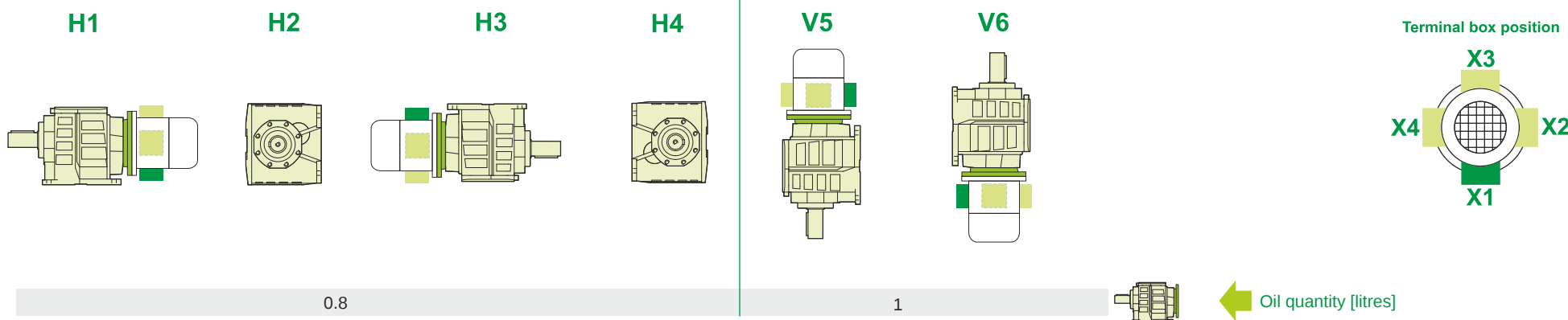
Electric motor configuration

Motor flange		B14
Terminal box position		X3



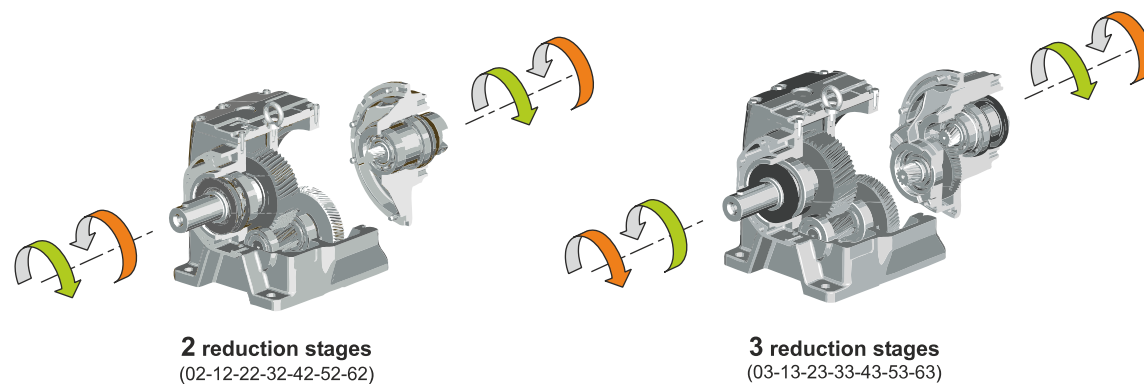
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Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	7.9
Electric motor [kg]	21

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