

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	549.02
Ratio (i=)		2.55
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	4
Service factor		1.3
Rated Power P1	[kW]	5.09

### Output data

**Gear unit** M RD 22 B3 H1 2.55 112 B14 AU 25x50 MT 4 kW 112 A4 B14 X3

Type		RD - Helical gearboxes
Input type		M
Size		22
Ratio (i=)		2.55
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	549.02
Rated output torque	[Nm]	66.8
Service Factor		1.3
Efficiency		0.96
Inertia moment	[kgm <sup>2</sup> ]	0.000346

#### Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

#### Output radial and axial loads

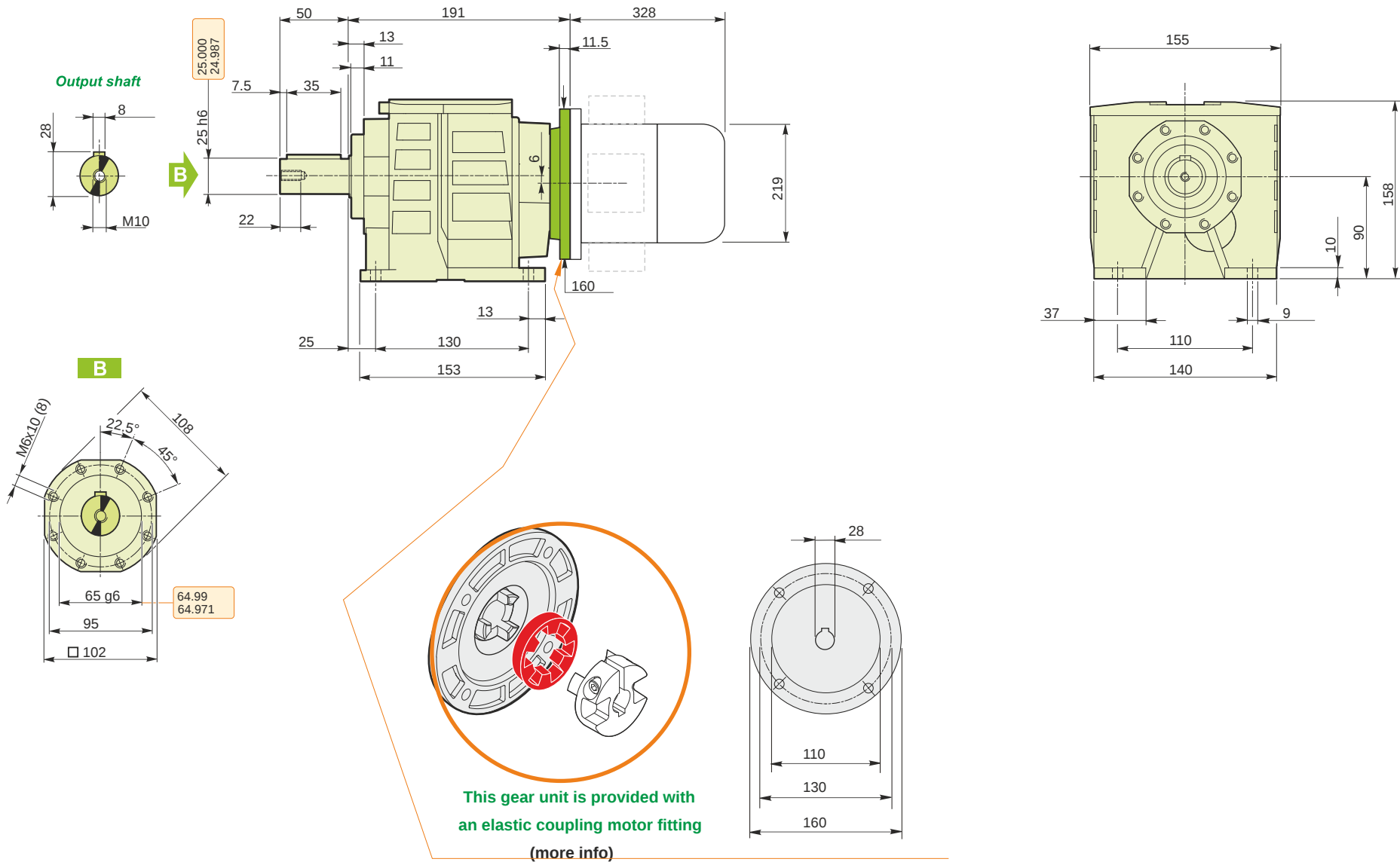
Output radial load	[N]	1100
Output axial load	[N]	220

#### Electric motor

Size		112 A4
Poles		4
Power	[kW]	4

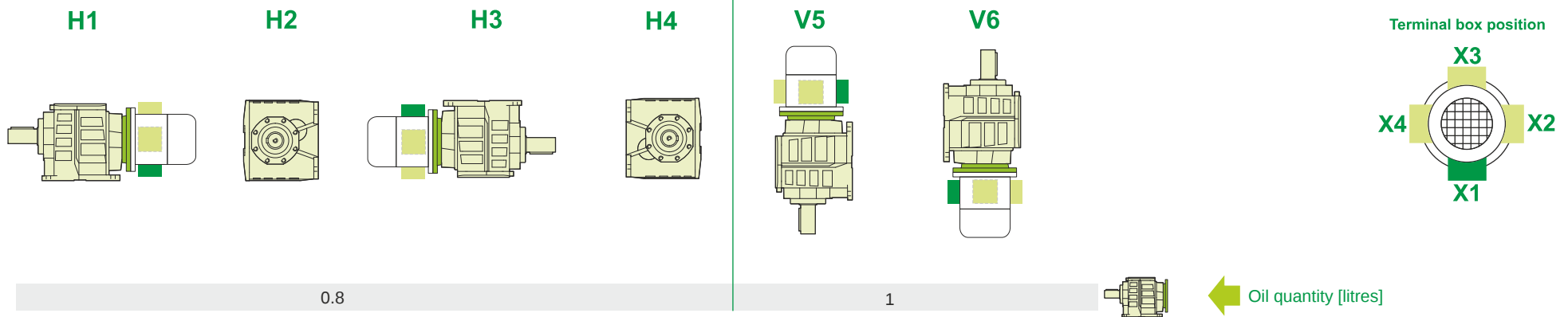
#### Electric motor configuration

Motor flange		B14
Terminal box position		X3



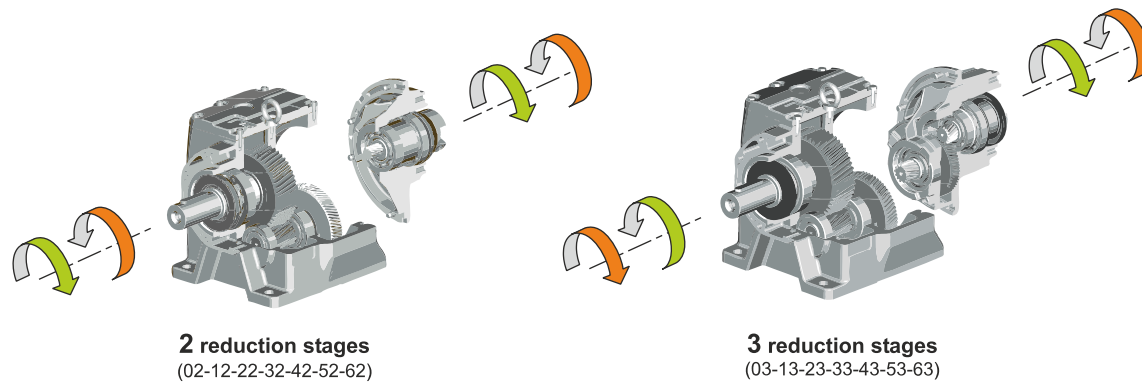
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**Mounting positions**



Lubricant type: Long life synthetic oil ISO VG320

**Direction of rotation**



**Weight**

Gear unit [kg]	7.9
Electric motor [kg]	29

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