

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	10.7
Ratio (i=)		130.84
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.13
Service factor		0.9
Rated Power P1	[kW]	0.12

### Output data

**Gear unit** **M RD 13 B3 H1 130.84 63 B14 AU 25x50 MT 0.13 kW 63 A4 B14 X3**

Type		RD - Helical gearboxes
Input type		M
Size		13
Ratio (i=)		130.84
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	10.7
Rated output torque	[Nm]	109.07
Service Factor		0.9
Efficiency		0.94
Inertia moment	[kgm <sup>2</sup> ]	0.000153

#### Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

#### Output radial and axial loads

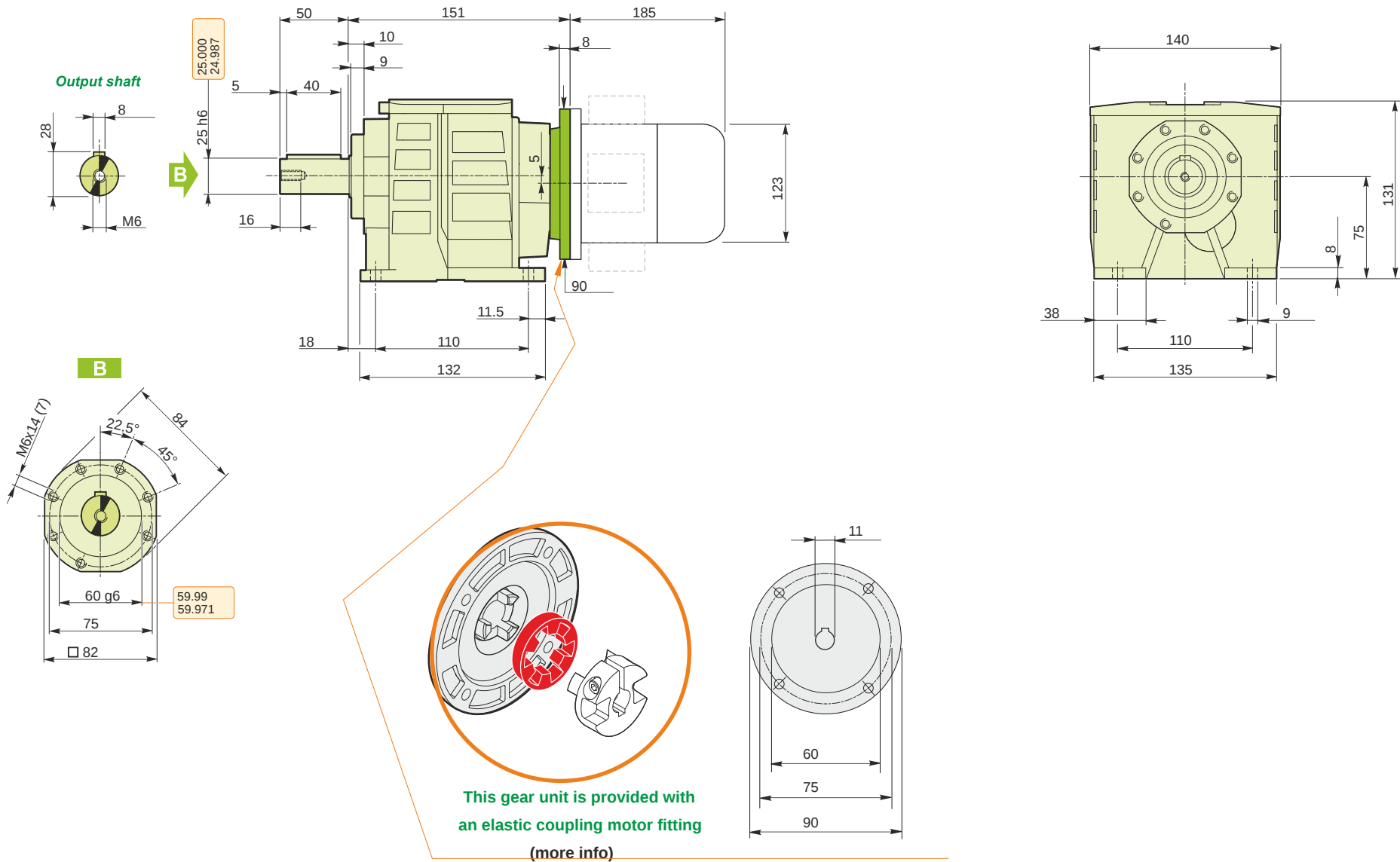
Output radial load	[N]	2000
Output axial load	[N]	400

#### Electric motor

Size		63 A4
Poles		4
Power	[kW]	0.13

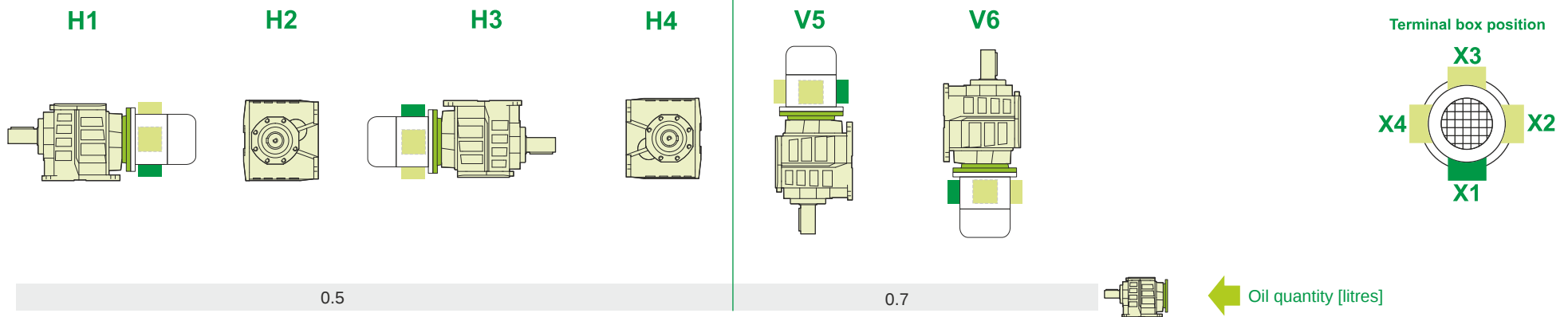
#### Electric motor configuration

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]	4.8
Electric motor [kg]	4.3

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