

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	28.77
Ratio (i=)		48.67
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.09
Service factor		1.2
Rated Power P1	[kW]	0.11

### Output data

**Gear unit** **M RD 02 B3 H1 48.67 56 B14 AU 20x40 MT 0.09 kW 56 B4 B14 X3**

Type		RD - Helical gearboxes
Input type		M
Size		02
Ratio (i=)		48.67
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	28.77
Rated output torque	[Nm]	28.68
Service Factor		1.2
Efficiency		0.96
Inertia moment	[kgm <sup>2</sup> ]	0.00003

#### Gear unit configuration

Fixing		Feet
Output shaft		AU 20x40

#### Output radial and axial loads

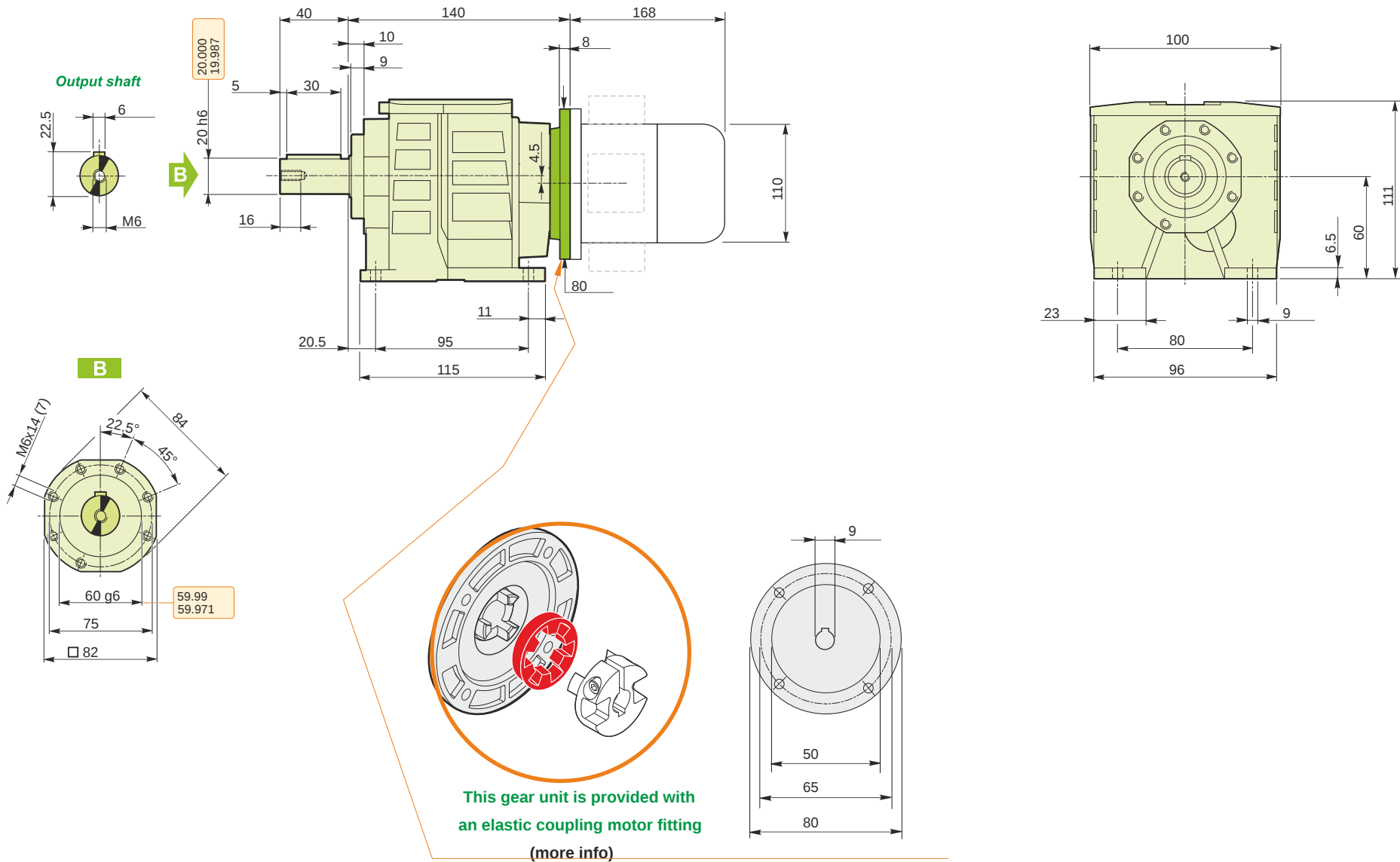
Output radial load	[N]	1420
Output axial load	[N]	284

#### Electric motor

Size		56 B4
Poles		4
Power	[kW]	0.09

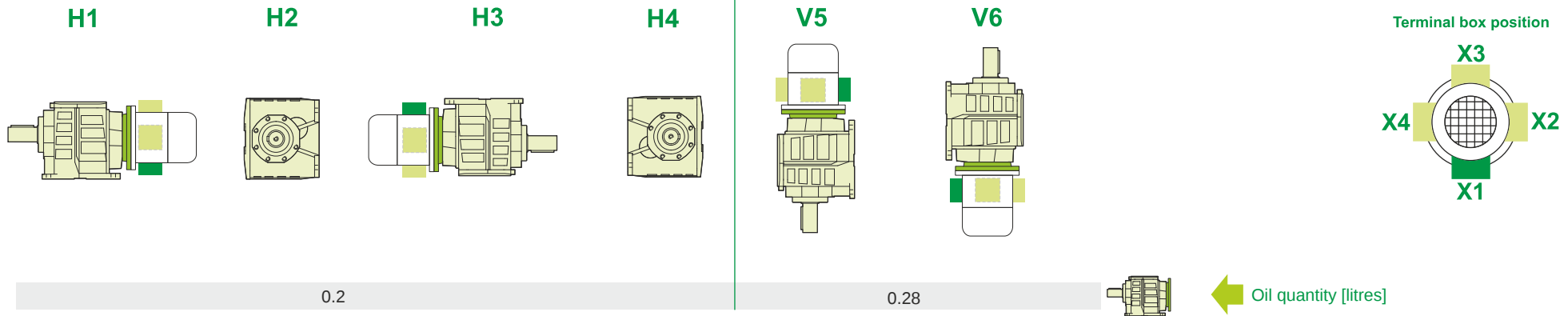
#### Electric motor configuration

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]	3
Electric motor [kg]	2.6

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