

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	17.02
Ratio (i=)		82.25
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	1.5
Service factor		0.9
Rated Power P1	[kW]	1.33

### Output data

**Gear unit** **M RD 43 B3 H1 82.25 90 B14 AU 40x80 MT 1.5 kW 90 L4 B14 X3**

Type		RD - Helical gearboxes
Input type		M
Size		43
Ratio (i=)		82.25
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	17.02
Rated output torque	[Nm]	791.1
Service Factor		0.9
Efficiency		0.94
Inertia moment	[kgm <sup>2</sup> ]	0.001006

#### Gear unit configuration

Fixing		Feet
Output shaft		AU 40x80

#### Output radial and axial loads

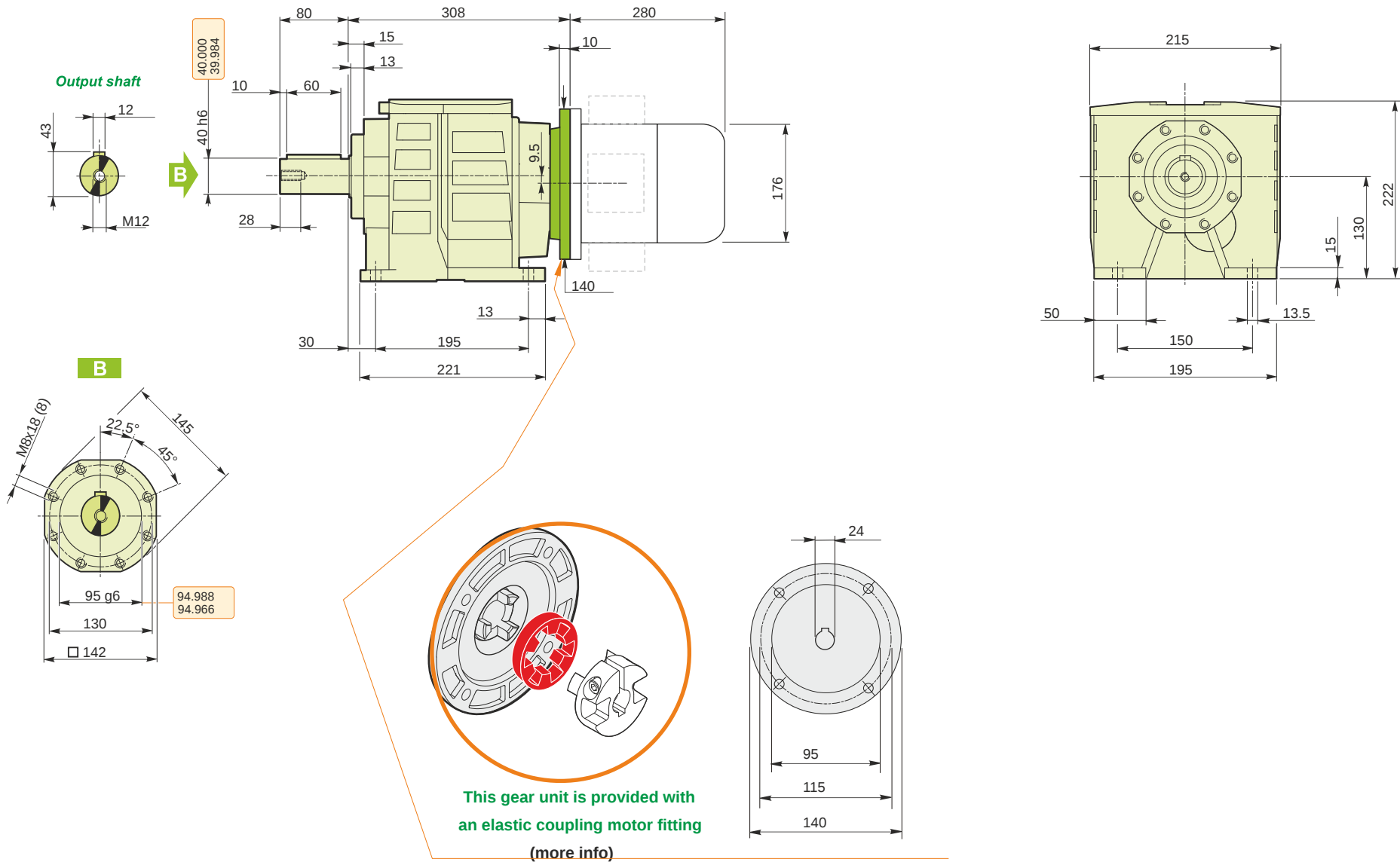
Output radial load	[N]	5200
Output axial load	[N]	1040

#### Electric motor

Size		90 L4
Poles		4
Power	[kW]	1.5

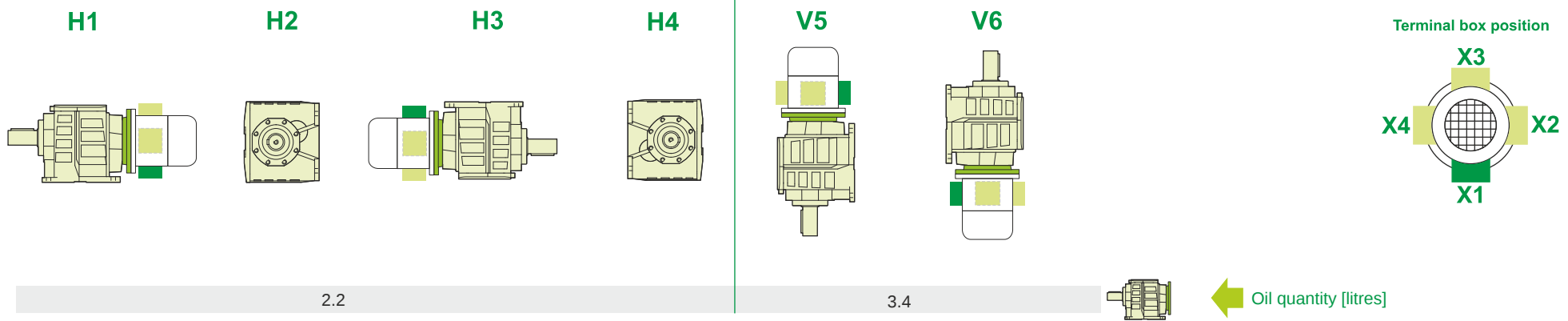
#### Electric motor configuration

Motor flange		B14
Terminal box position		X3



**M RD 43 B3 H1 82.25 90 B14 AU 40x80 MT 1.5 kW 90 L4 B14 X3**

**Mounting positions**



Lubricant type: Long life synthetic oil ISO VG320

**Direction of rotation**



**Weight**

Gear unit [kg]	21.5
Electric motor [kg]	13.5