

### Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	42.16
Ratio (i=)		33.21
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	2.2
Service factor		0.8
Rated Power P1	[kW]	1.84

### Output data

<b>Gear unit</b>	<b>M RD 32 B3 H1 33.21 100 B14 AU 30x60 MT 2.2 kW 100 A4 B14 X3</b>
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Type		RD - Helical gearboxes
Input type		M
Size		32
Ratio (i=)		33.21
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	42.16
Rated output torque	[Nm]	478.45
Service Factor		0.8
Efficiency		0.96
Inertia moment	[kgm <sup>2</sup> ]	0.000224

#### Gear unit configuration

Fixing		Feet
Output shaft		AU 30x60

#### Output radial and axial loads

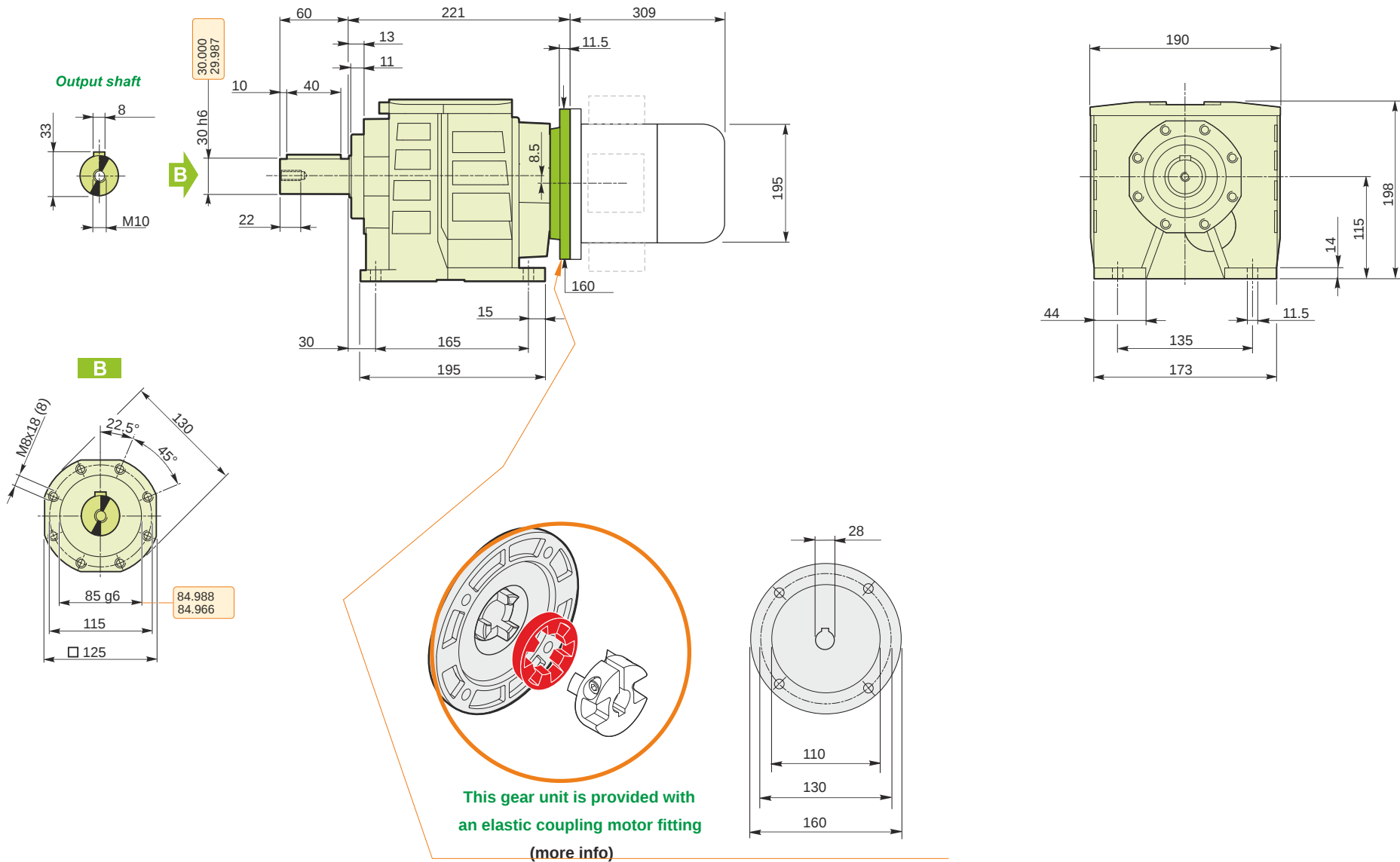
Output radial load	[N]	4700
Output axial load	[N]	940

#### Electric motor

Size		100 A4
Poles		4
Power	[kW]	2.2

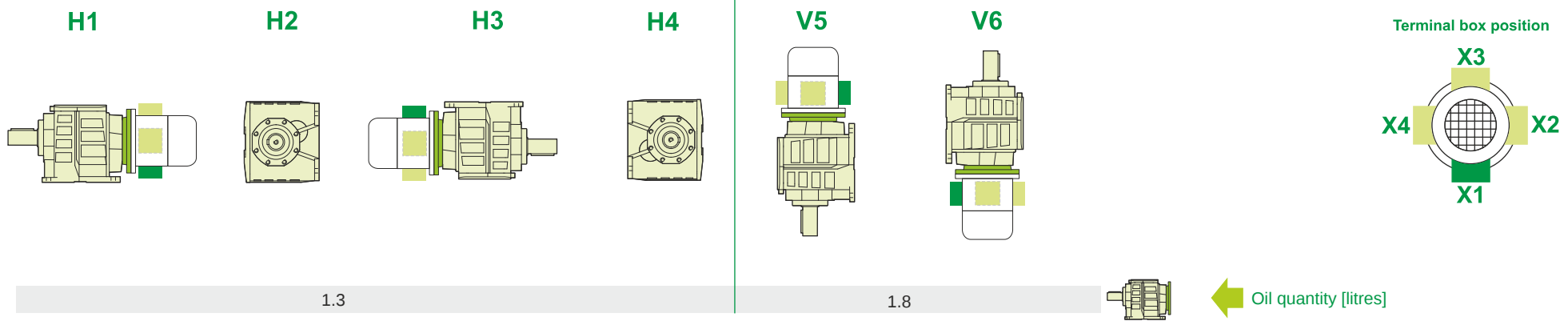
#### Electric motor configuration

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]	13.5
Electric motor [kg]	21

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