

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	17.41
Ratio (i=)		80.43
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		1.1
Rated Power P1	[kW]	0.19

Output data

Gear unit **M RD 13 B3 H1 80.43 63 B14 AU 25x50 MT 0.18 kW 63 B4 B14 X3**

Type		RD - Helical gearboxes
Input type		M
Size		13
Ratio (i=)		80.43
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	17.41
Rated output torque	[Nm]	92.83
Service Factor		1.1
Efficiency		0.94
Inertia moment	[kgm ²]	0.000153

Gear unit configuration

Fixing		Feet
Output shaft		AU 25x50

Output radial and axial loads

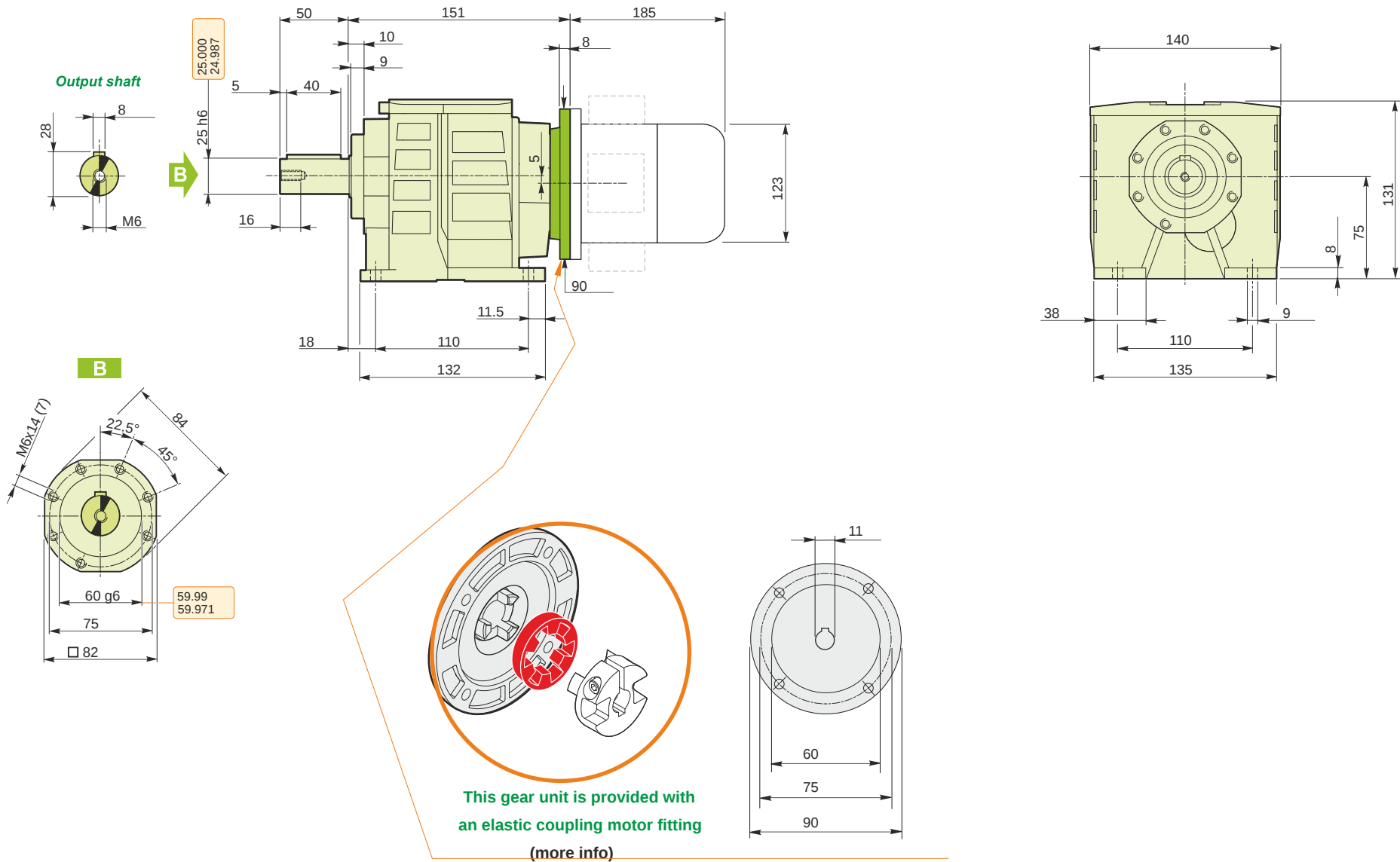
Output radial load	[N]	1800
Output axial load	[N]	360

Electric motor

Size		63 B4
Poles		4
Power	[kW]	0.18

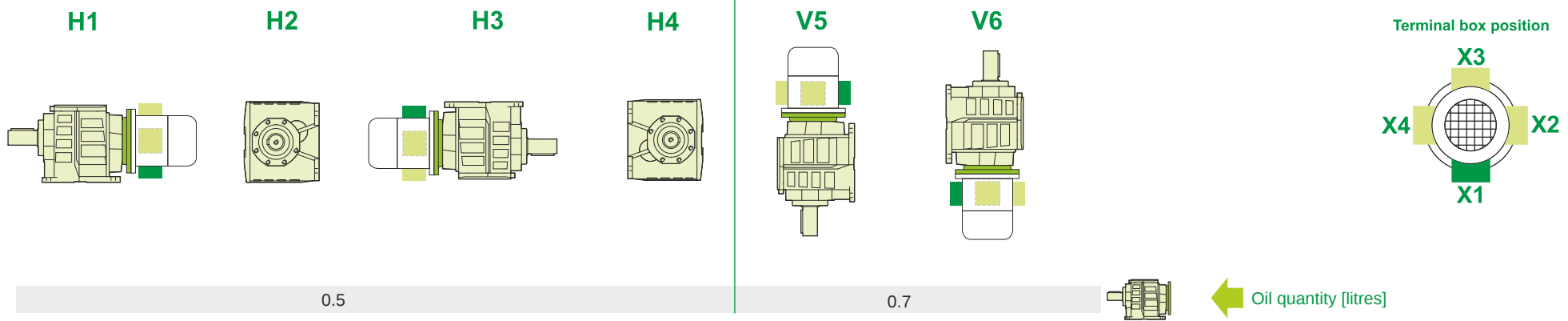
Electric motor configuration

Motor flange		B14
Terminal box position		X3



M RD 13 B3 H1 80.43 63 B14 AU 25x50 MT 0.18 kW 63 B4 B14 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	4.8
Electric motor [kg]	4.3

M RD 13 B3 H1 80.43 63 B14 AU 25x50 MT 0.18 kW 63 B4 B14 X3