

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	27.6
Ratio (i=)		50.73
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.75
Service factor		1.1
Rated Power P1	[kW]	0.86

Output data

Gear unit	M RD 32 B3 H1 50.73 80 B14 AU 30x60 MT 0.75 kW 80 B4 B14 X3
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Type		RD - Helical gearboxes
Input type		M
Size		32
Ratio (i=)		50.73
Input flange		B14
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	27.6
Rated output torque	[Nm]	249.16
Service Factor		1.1
Efficiency		0.96
Inertia moment	[kgm ²]	0.000223

Gear unit configuration

Fixing		Feet
Output shaft		AU 30x60

Output radial and axial loads

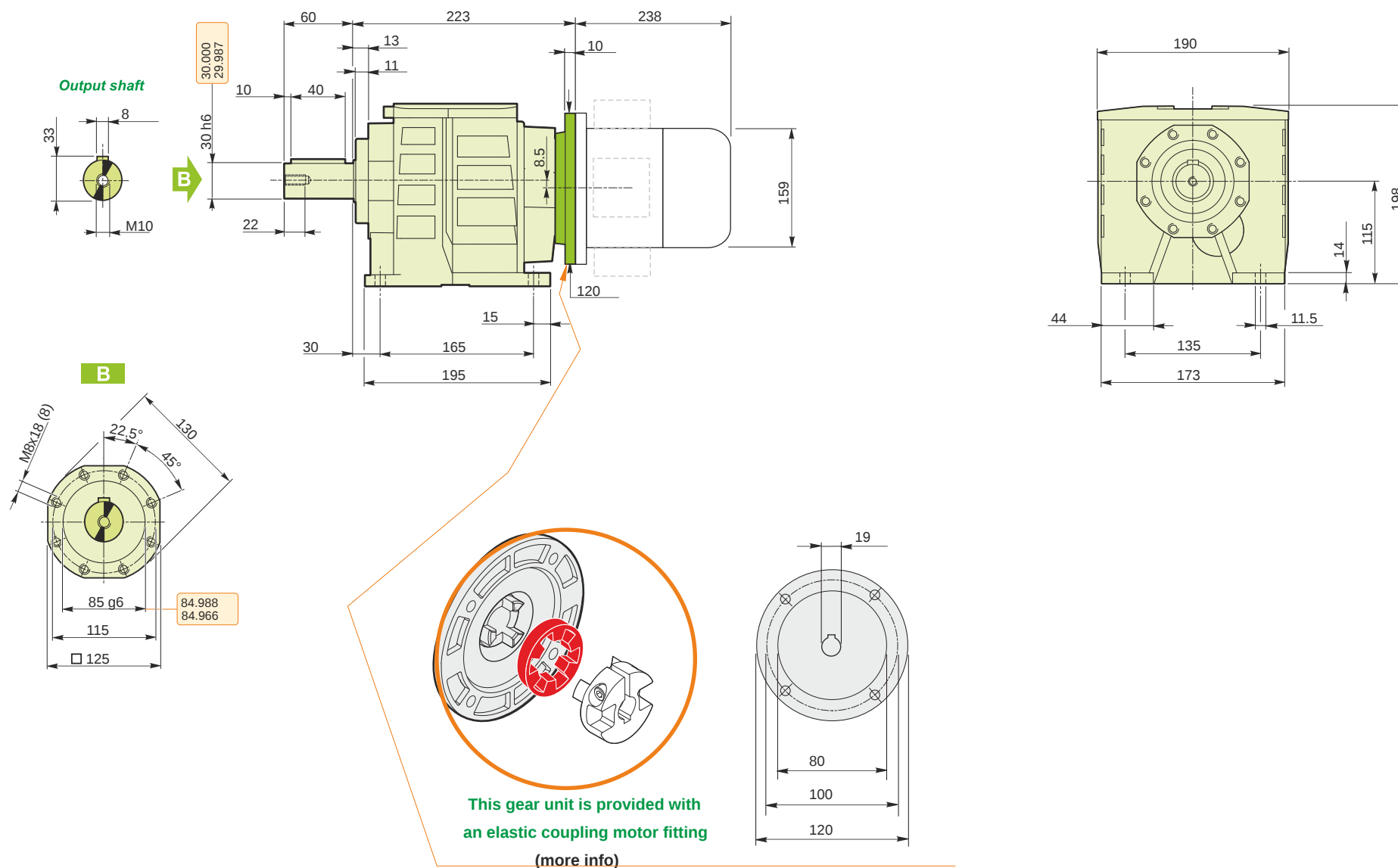
Output radial load	[N]	5000
Output axial load	[N]	1000

Electric motor

Size		80 B4
Poles		4
Power	[kW]	0.75

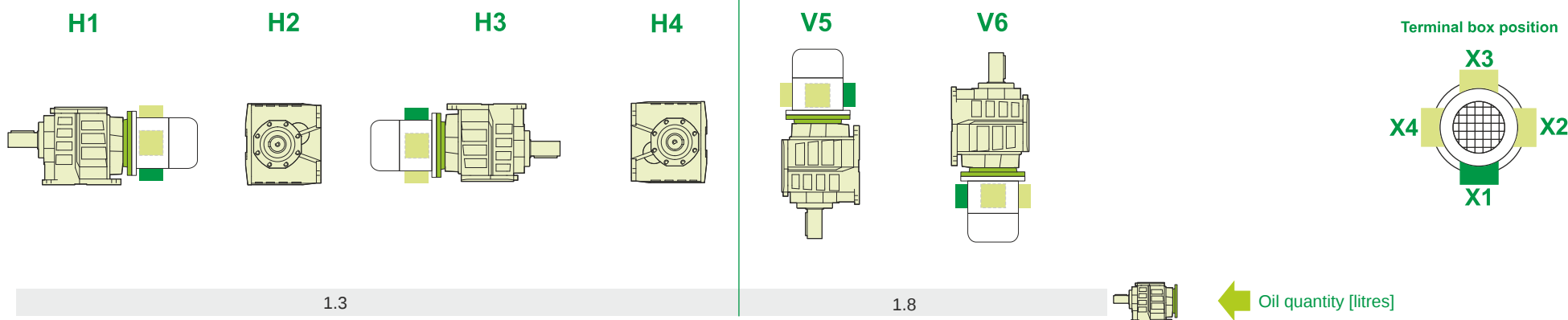
Electric motor configuration

Motor flange		B14
Terminal box position		X3



M RD 32 B3 H1 50.73 80 B14 AU 30x60 MT 0.75 kW 80 B4 B14 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	13.5
Electric motor [kg]	9.8