

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	14.54
Ratio (i=)		96.3
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	2.2
Service factor		1
Rated Power P1	[kW]	2.1

Output data

Gear unit **M RD 53 B3 H1 96.3 100 B5 AU 50x100 MT 2.2 kW 100 A4 B5 X3**

Type		RD - Helical gearboxes
Input type		M
Size		53
Ratio (i=)		96.3
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	14.54
Rated output torque	[Nm]	1358.48
Service Factor		1
Efficiency		0.94
Inertia moment	[kgm ²]	0.00136

Gear unit configuration

Fixing		Feet
Output shaft		AU 50x100

Output radial and axial loads

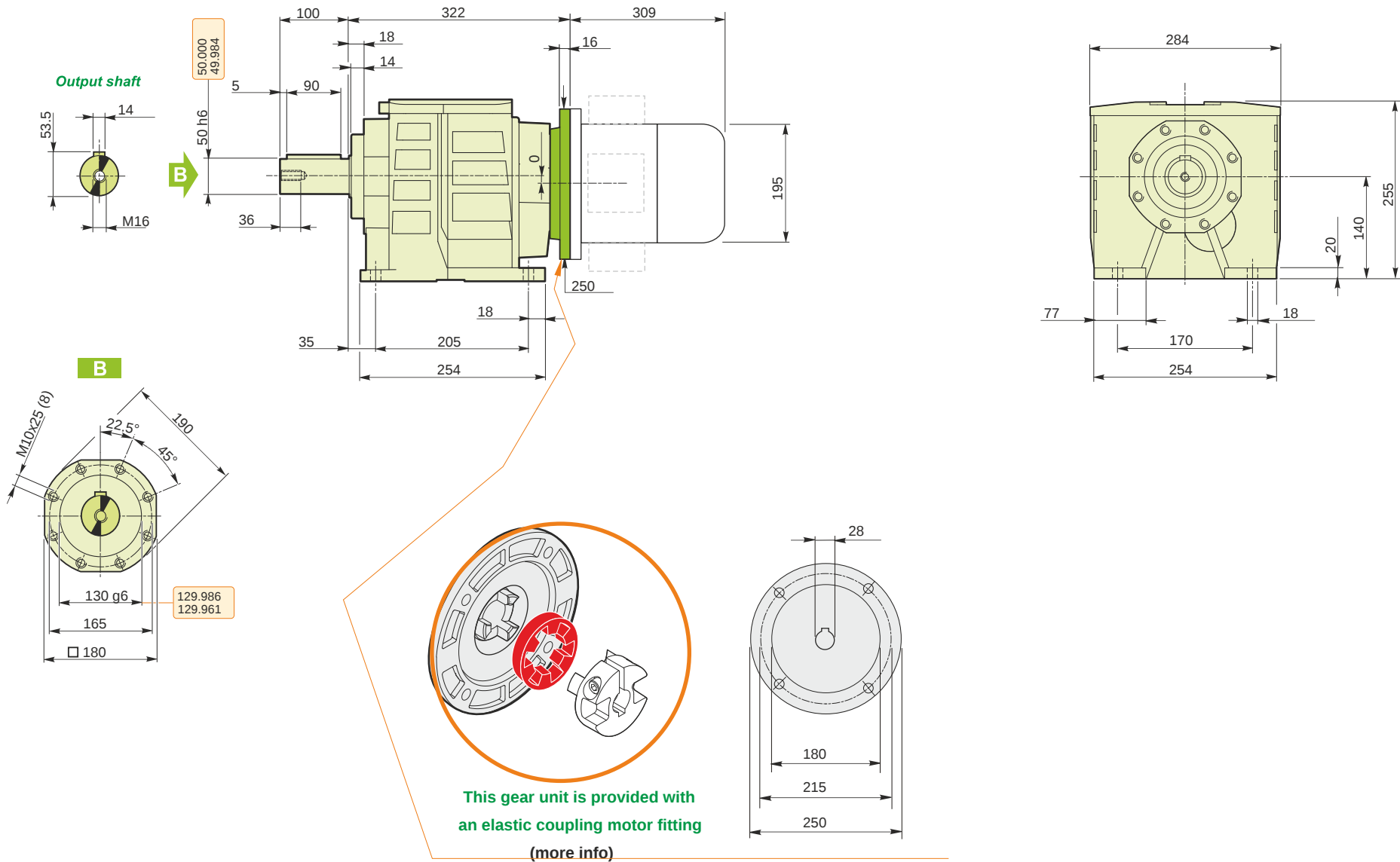
Output radial load	[N]	7900
Output axial load	[N]	1580

Electric motor

Size		100 A4
Poles		4
Power	[kW]	2.2

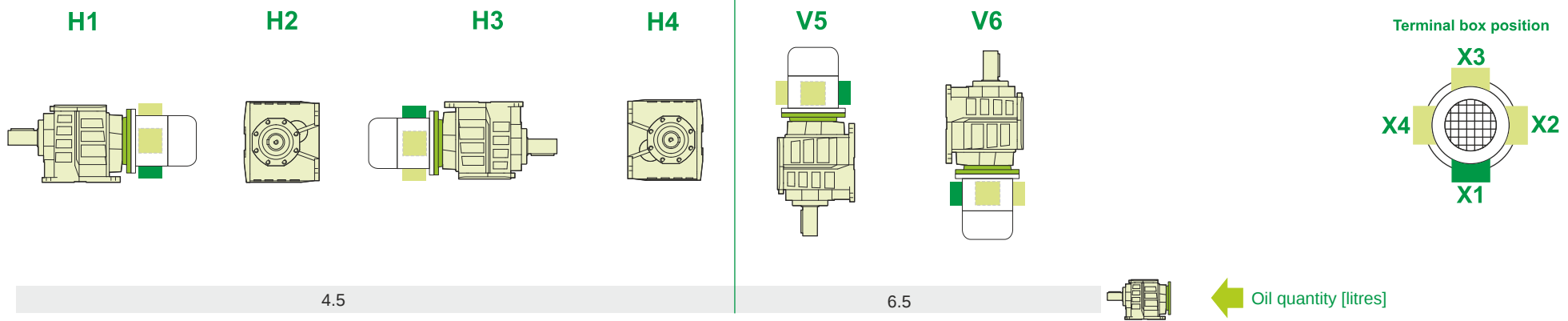
Electric motor configuration

Motor flange		B5
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]	52
Electric motor [kg]	21