

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	26.25
Ratio (i=)		53.33
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	3
Service factor		0.8
Rated Power P1	[kW]	2.43

Output data

Gear unit **M RD 52 B3 H1 53.33 100 B5 AU 40x80 MT 3 kW 100 B4 B5 X3**

Type		RD - Helical gearboxes
Input type		M
Size		52
Ratio (i=)		53.33
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	26.25
Rated output torque	[Nm]	1047.71
Service Factor		0.8
Efficiency		0.96
Inertia moment	[kgm ²]	0.001058

Gear unit configuration

Fixing		Feet
Output shaft		AU 40x80

Output radial and axial loads

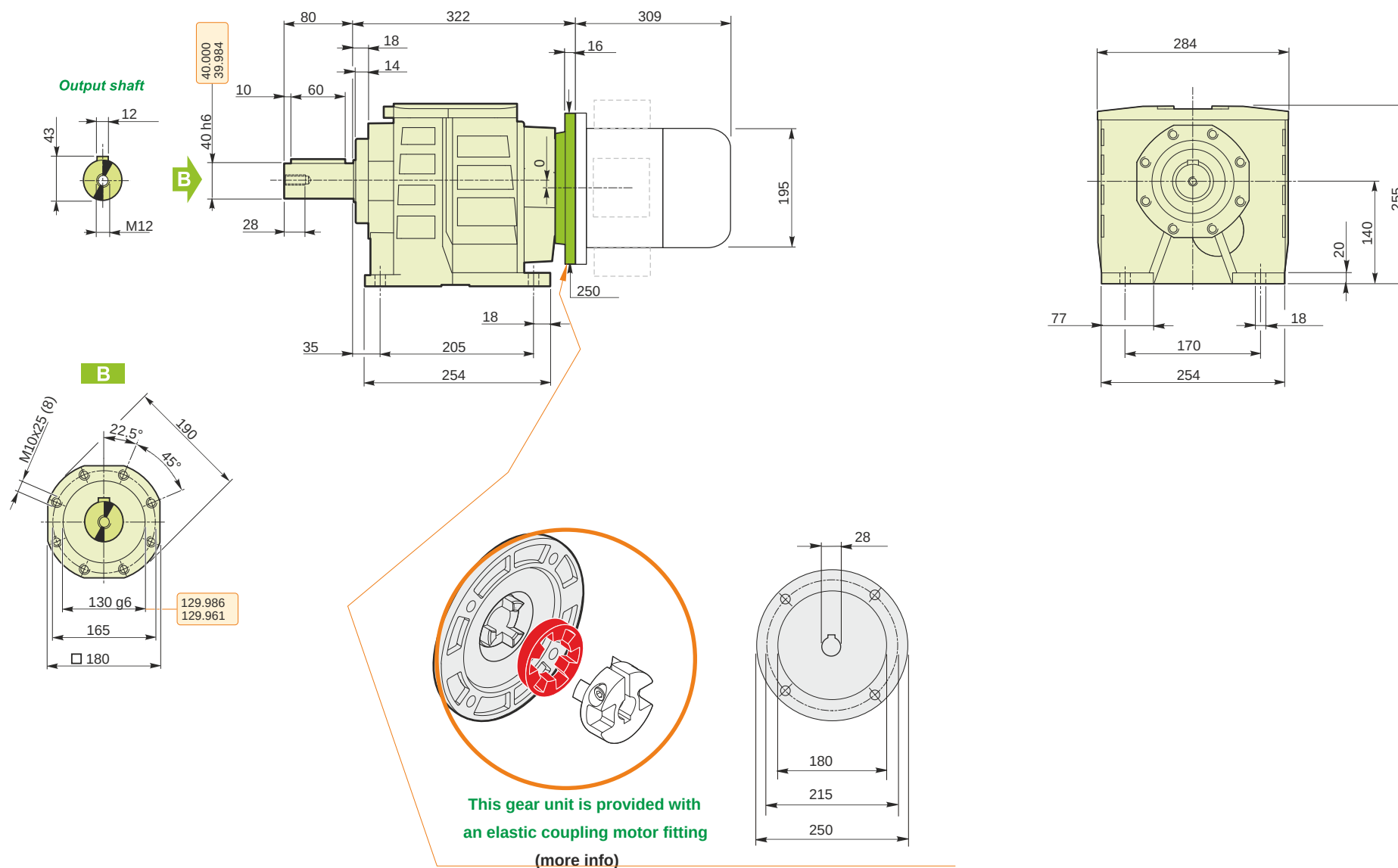
Output radial load	[N]	11200
Output axial load	[N]	2240

Electric motor

Size		100 B4
Poles		4
Power	[kW]	3

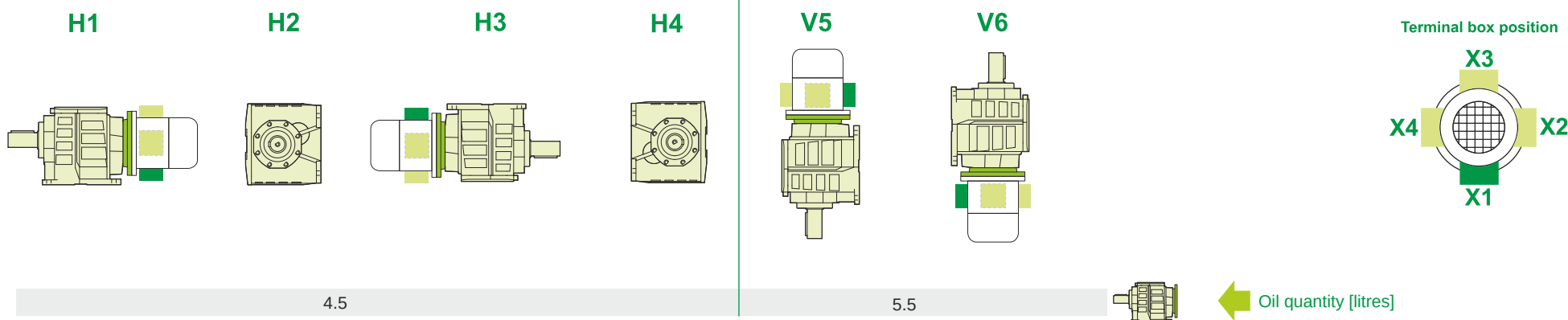
Electric motor configuration

Motor flange		B5
Terminal box position		X3



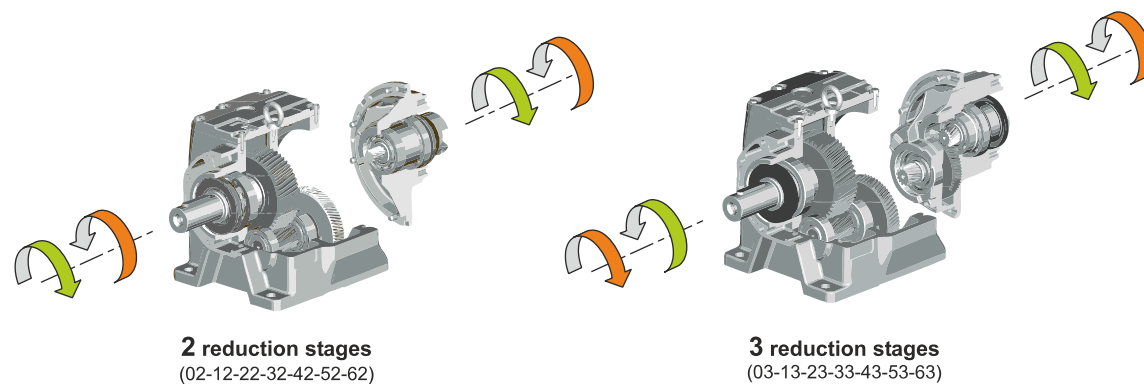
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Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	49
Electric motor [kg]	21

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