

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	90.61
Ratio (i=)		15.45
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	11
Service factor		1.1
Rated Power P1	[kW]	11.86

Output data

Gear unit	M RD 52 B3 H1 15.45 160 B5 AU 40x80 MT 11 kW 160 M4 B5 X3
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Type		RD - Helical gearboxes
Input type		M
Size		52
Ratio (i=)		15.45
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	90.61
Rated output torque	[Nm]	1112.93
Service Factor		1.1
Efficiency		0.96
Inertia moment	[kgm ²]	0.001227

Gear unit configuration

Fixing		Feet
Output shaft		AU 40x80

Output radial and axial loads

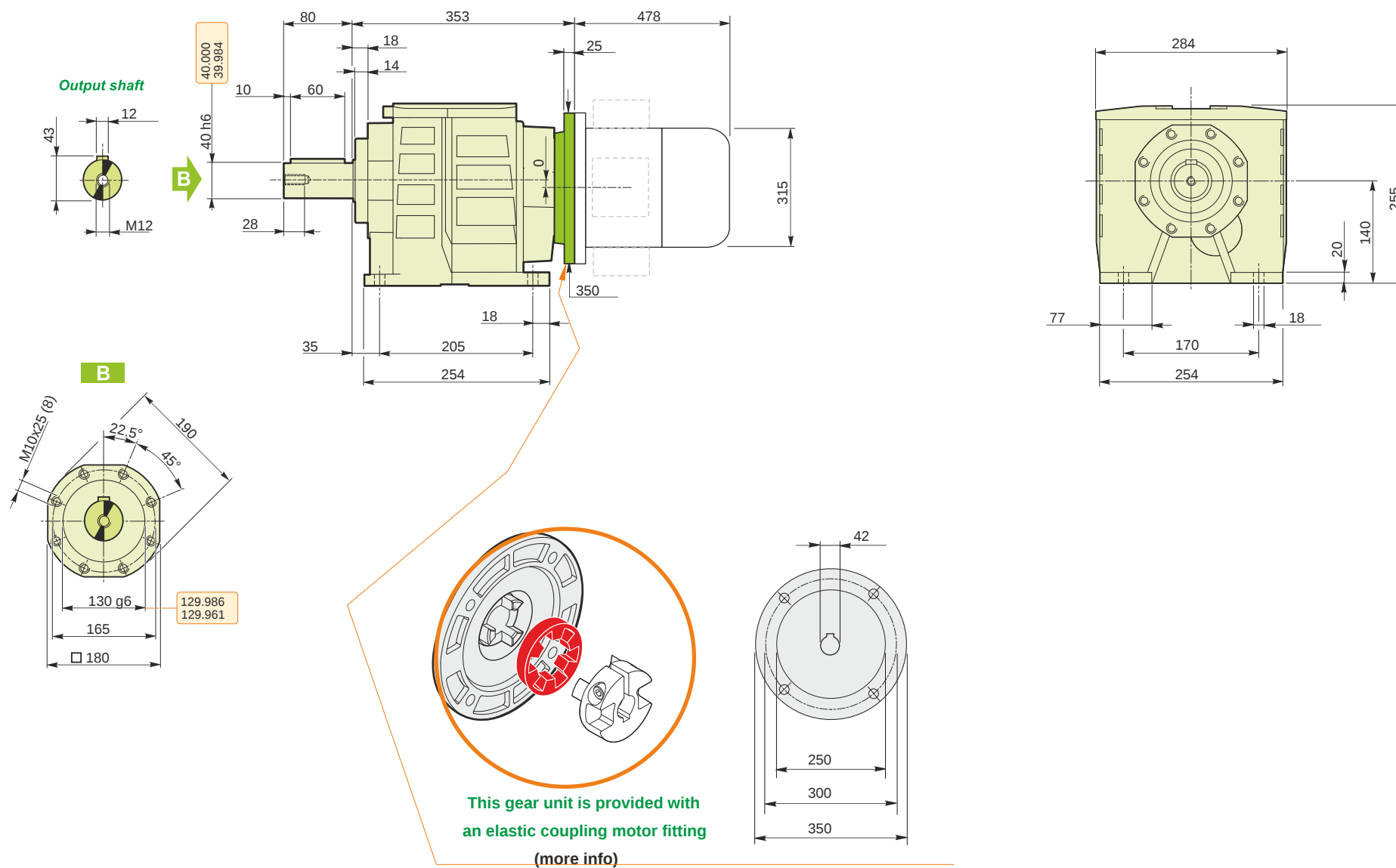
Output radial load	[N]	8500
Output axial load	[N]	1700

Electric motor

Size		160 M4
Poles		4
Power	[kW]	11

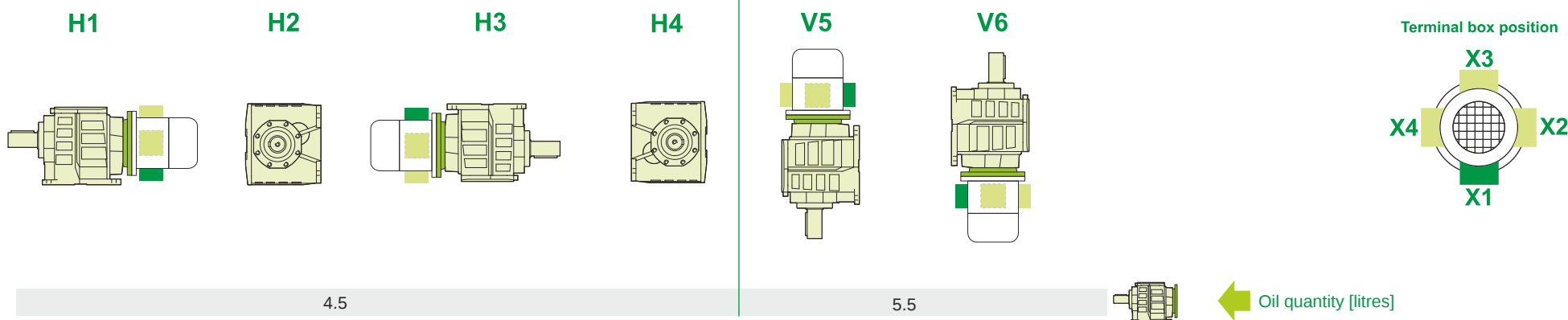
Electric motor configuration

Motor flange		B5
Terminal box position		X3



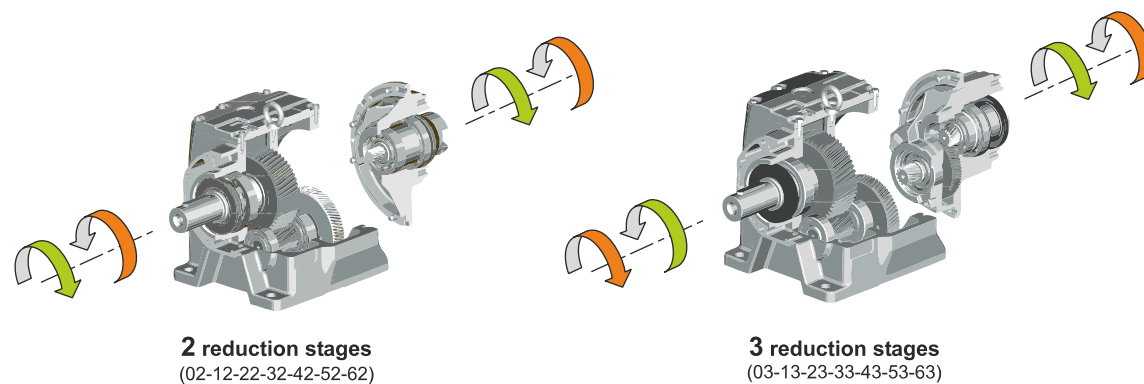
M RD 52 B3 H1 15.45 160 B5 AU 40x80 MT 11 kW 160 M4 B5 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	49
Electric motor [kg]	90

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