

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	67.63
Ratio (i=)		20.7
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	15
Service factor		1
Rated Power P1	[kW]	15.49

Output data

Gear unit	M RD 62 B3 H1 20.7 160 B5 AU 50x100 MT 15 kW 160 L4 B5 X3
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Type		RD - Helical gearboxes
Input type		M
Size		62
Ratio (i=)		20.7
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	67.63
Rated output torque	[Nm]	2033.33
Service Factor		1
Efficiency		0.96
Inertia moment	[kgm ²]	0.002948

Gear unit configuration

Fixing		Feet
Output shaft		AU 50x100

Output radial and axial loads

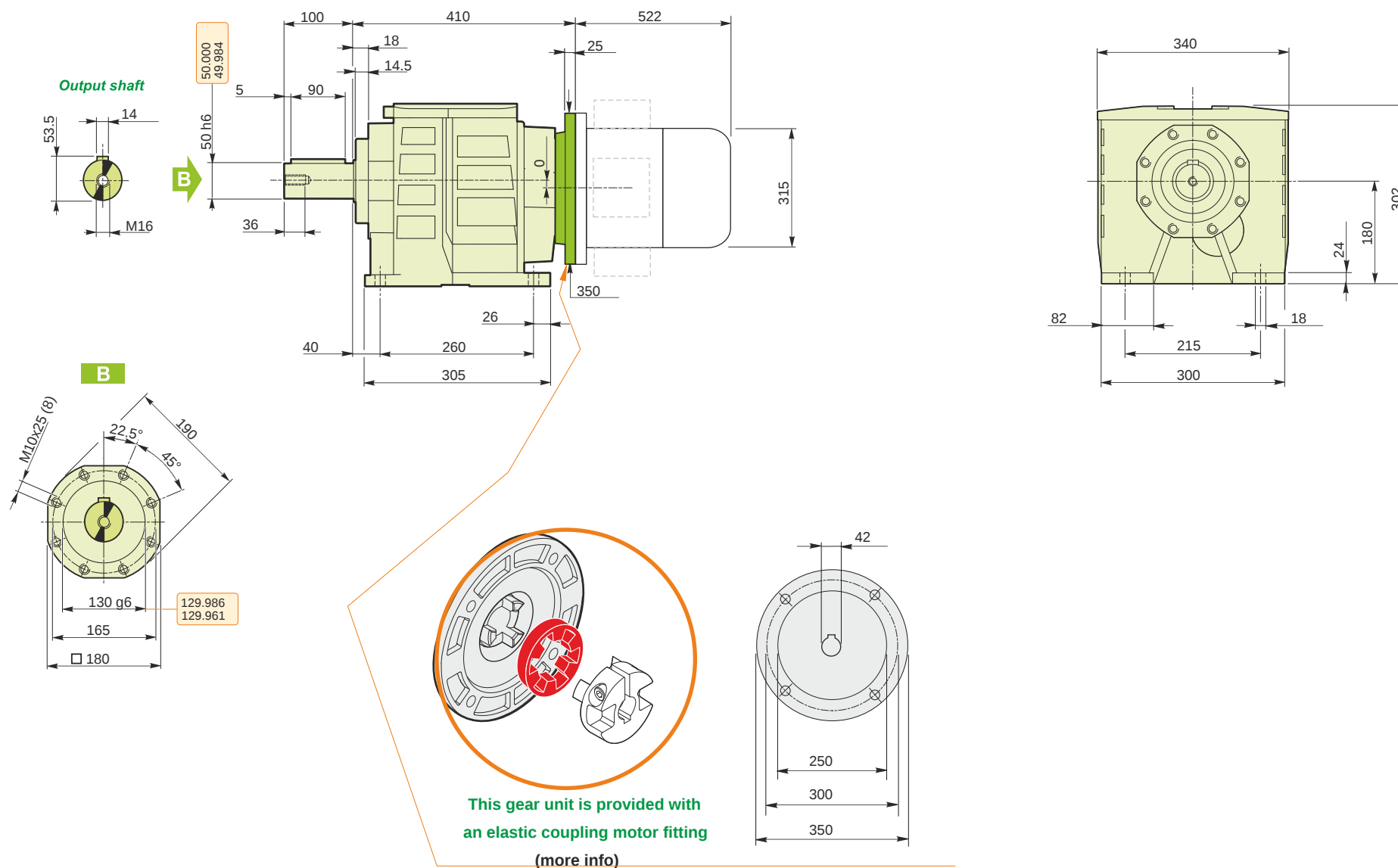
Output radial load	[N]	13000
Output axial load	[N]	2600

Electric motor

Size		160 L4
Poles		4
Power	[kW]	15

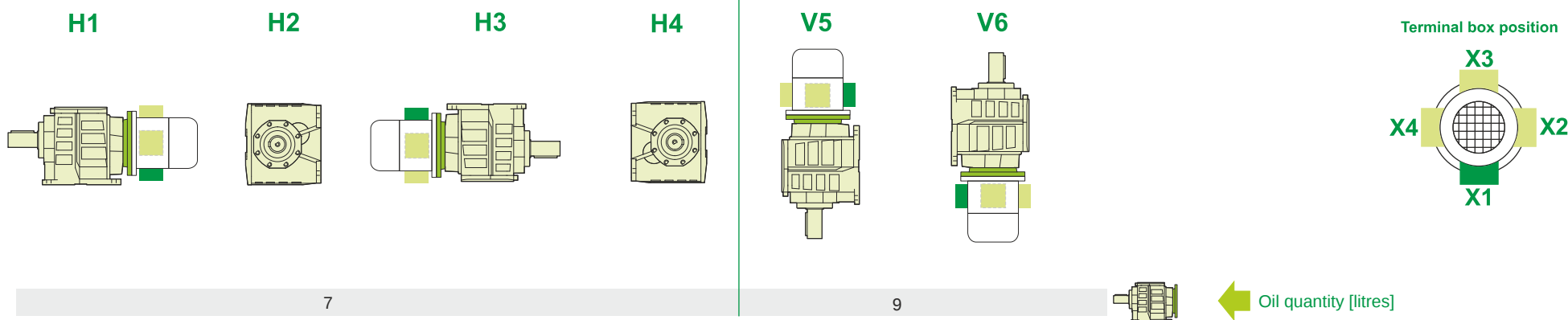
Electric motor configuration

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]	62
Electric motor [kg]	100

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