

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	6.95
Ratio (i=)		201.5
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	1.5
Service factor		1.2
Rated Power P1	[kW]	1.78

Output data

Gear unit	M RD 63 B3 H1 201.5 90 B5 AU 60x120 MT 1.5 kW 90 L4 B5 X3
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Type		RD - Helical gearboxes
Input type		M
Size		63
Ratio (i=)		201.5
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	6.95
Rated output torque	[Nm]	1938.07
Service Factor		1.2
Efficiency		0.94
Inertia moment	[kgm ²]	0.004199

Gear unit configuration

Fixing		Feet
Output shaft		AU 60x120

Output radial and axial loads

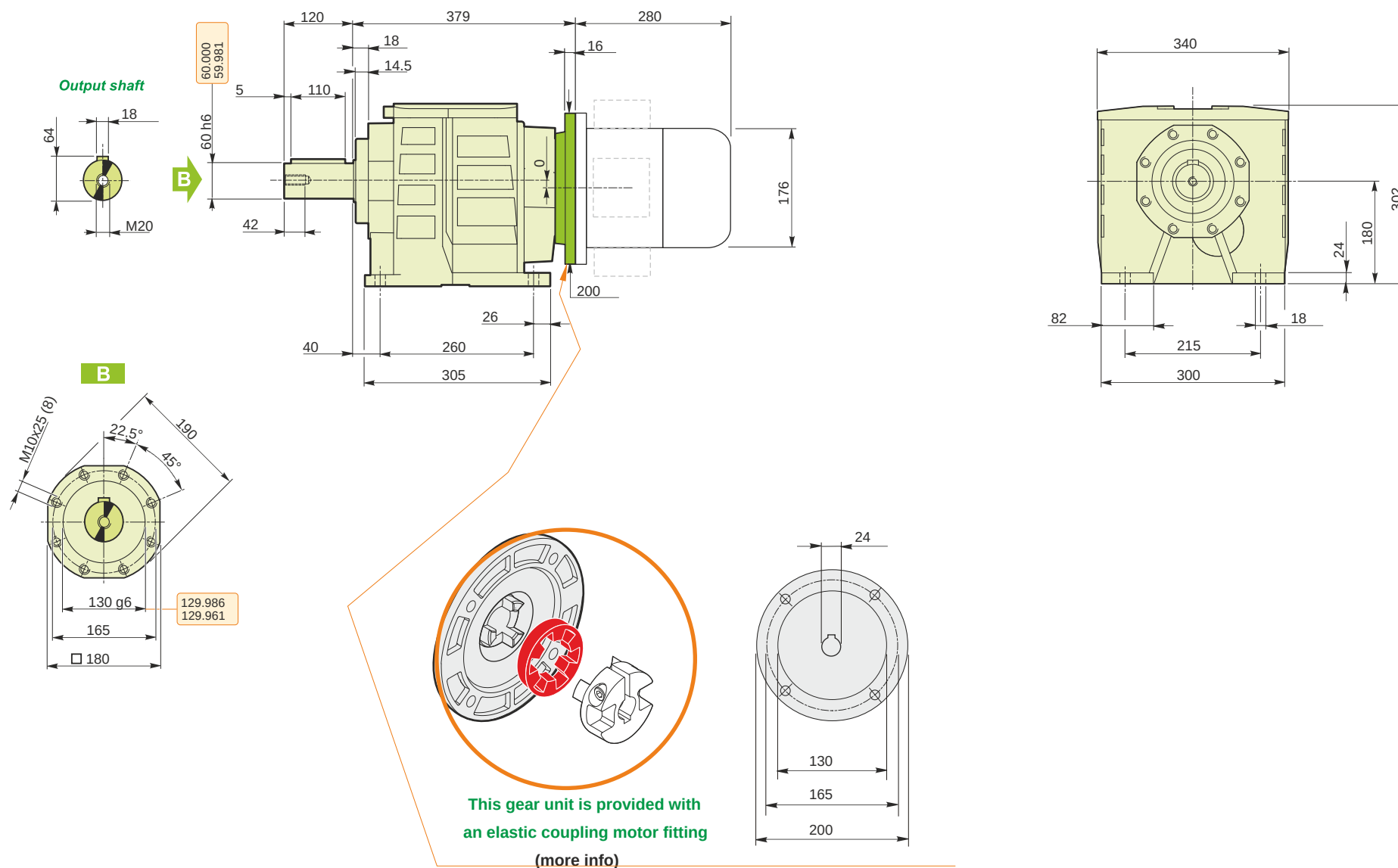
Output radial load	[N]	12600
Output axial load	[N]	2520

Electric motor

Size		90 L4
Poles		4
Power	[kW]	1.5

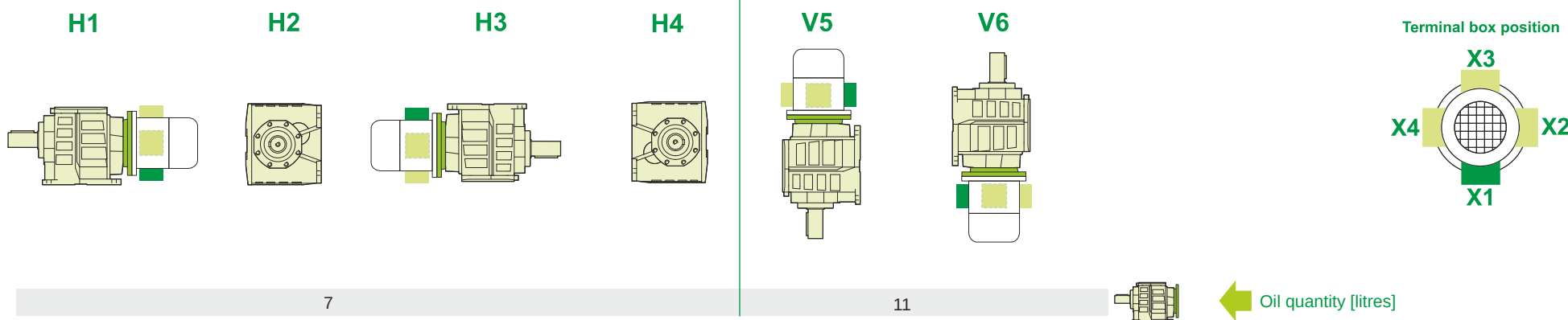
Electric motor configuration

Motor flange		B5
Terminal box position		X3



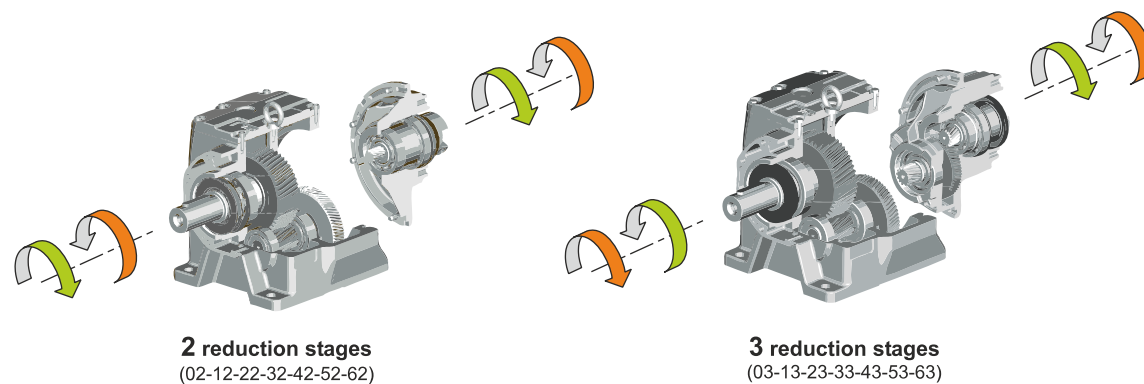
M RD 63 B3 H1 201.5 90 B5 AU 60x120 MT 1.5 kW 90 L4 B5 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	70
Electric motor [kg]	13.5