

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	89.17
Ratio (i=)		15.7
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	18.5
Service factor		1.1
Rated Power P1	[kW]	20.42

Output data

Gear unit	M RD 62 B3 H1 15.7 180 B5 AU 50x100 MT 18.5 kW 180 M4 B5 X3
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Type		RD - Helical gearboxes
Input type		M
Size		62
Ratio (i=)		15.7
Input flange		B5
Mounting position		H1
Input speed	[rpm]	1400
Output speed	[rpm]	89.17
Rated output torque	[Nm]	1902.03
Service Factor		1.1
Efficiency		0.96
Inertia moment	[kgm ²]	0.003156

Gear unit configuration

Fixing		Feet
Output shaft		AU 50x100

Output radial and axial loads

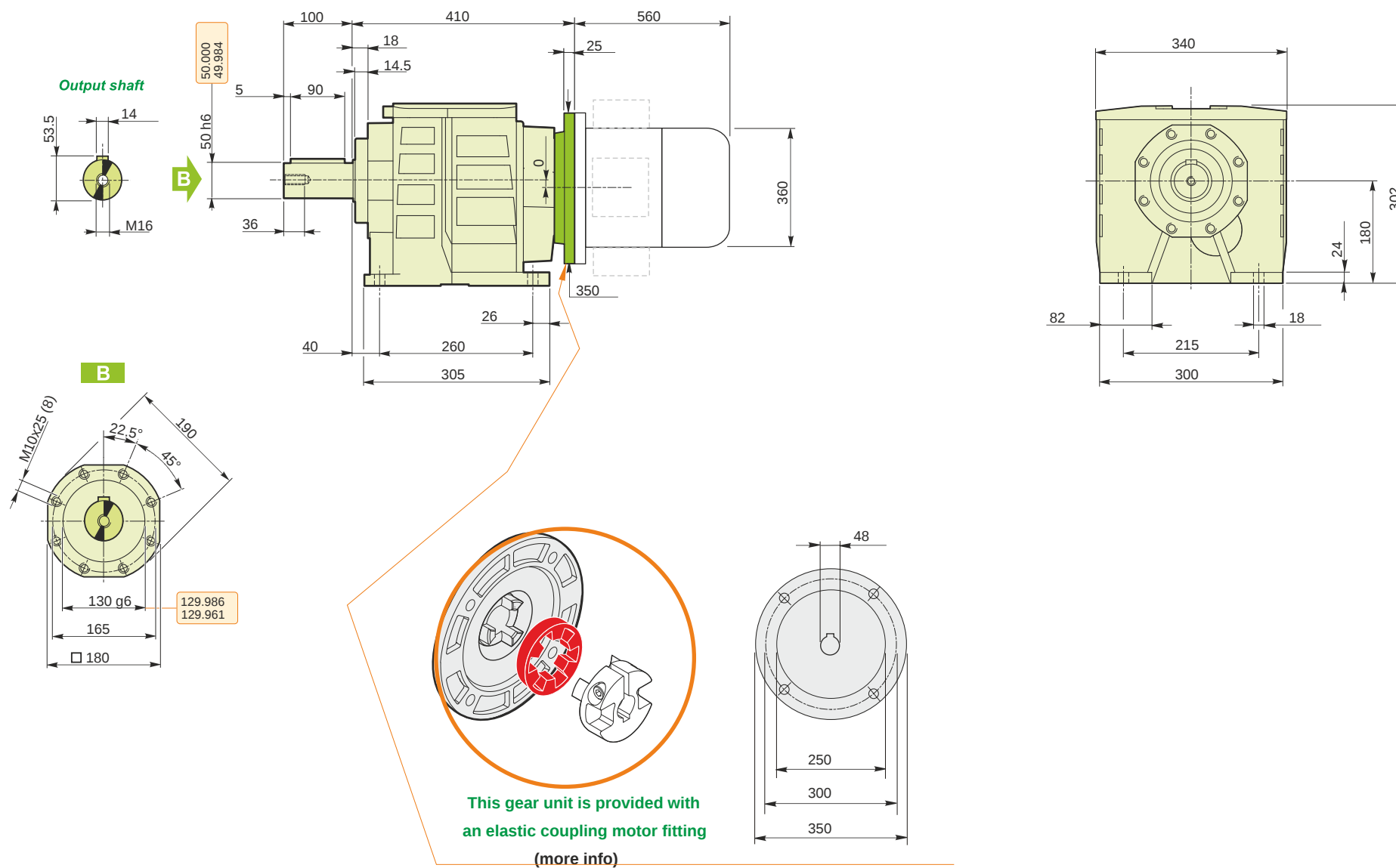
Output radial load	[N]	12800
Output axial load	[N]	2560

Electric motor

Size		180 M4
Poles		4
Power	[kW]	18.5

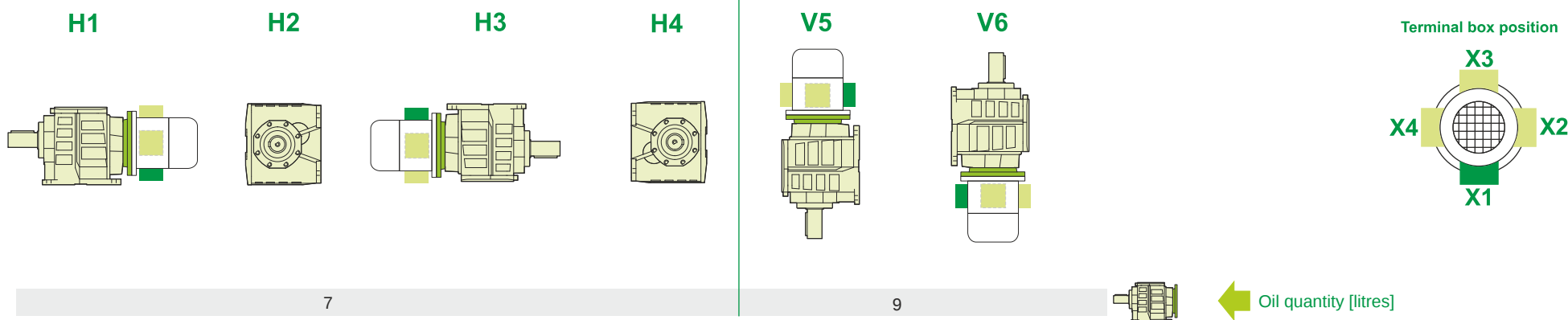
Electric motor configuration

Motor flange		B5
Terminal box position		X3



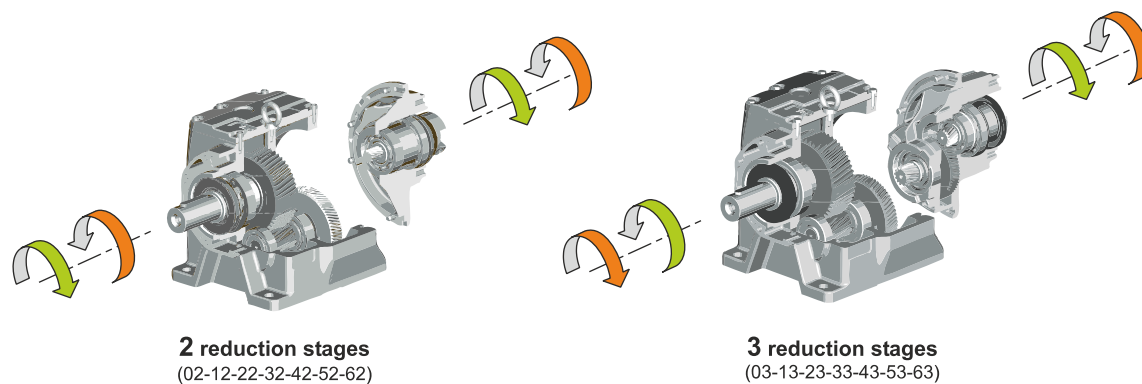
M RD 62 B3 H1 15.7 180 B5 AU 50x100 MT 18.5 kW 180 M4 B5 X3

Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	62
Electric motor [kg]	120

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