

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	32.36
Ratio (i=)		43.26
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		2
Rated Power P1	[kW]	0.36

Output data

Gear unit	M RA 63/40 PC 10 43.26 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3 B3
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Type		RA - Worm speed reducers
Input type		M
Size		63/40
Ratio (i=)		43.26
Gearbox ratio		7.00
Pre-stage ratio		6.18
Input flange		B14
Mounting position		B3
Input speed	[rpm]	1400
Output speed	[rpm]	32.36
Rated output torque	[Nm]	43.02
Service Factor		2
Efficiency		0.81
Inertia moment	[kgm ²]	0.000022

Gear unit configuration

Output shaft	Hollow output shaft
Fixing	Shaft mounting
Version	PC
Attachment position	10

Output radial and axial loads

Ball bearings output radial load	[N]	1650
Taper bearings output radial load	[N]	2350
Ball bearings output axial load	[N]	330
Taper bearings output axial load	[N]	470

Accessories

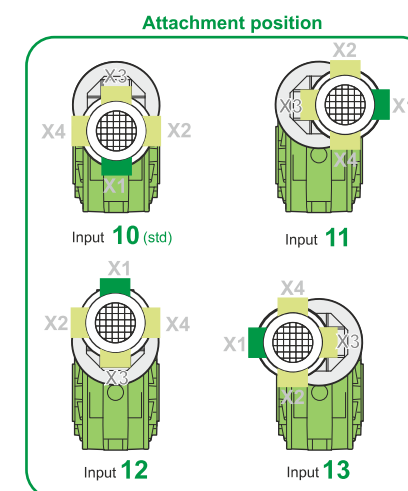
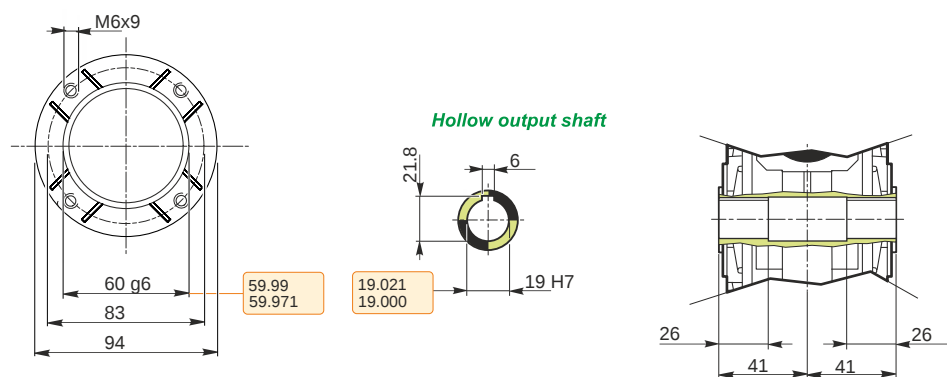
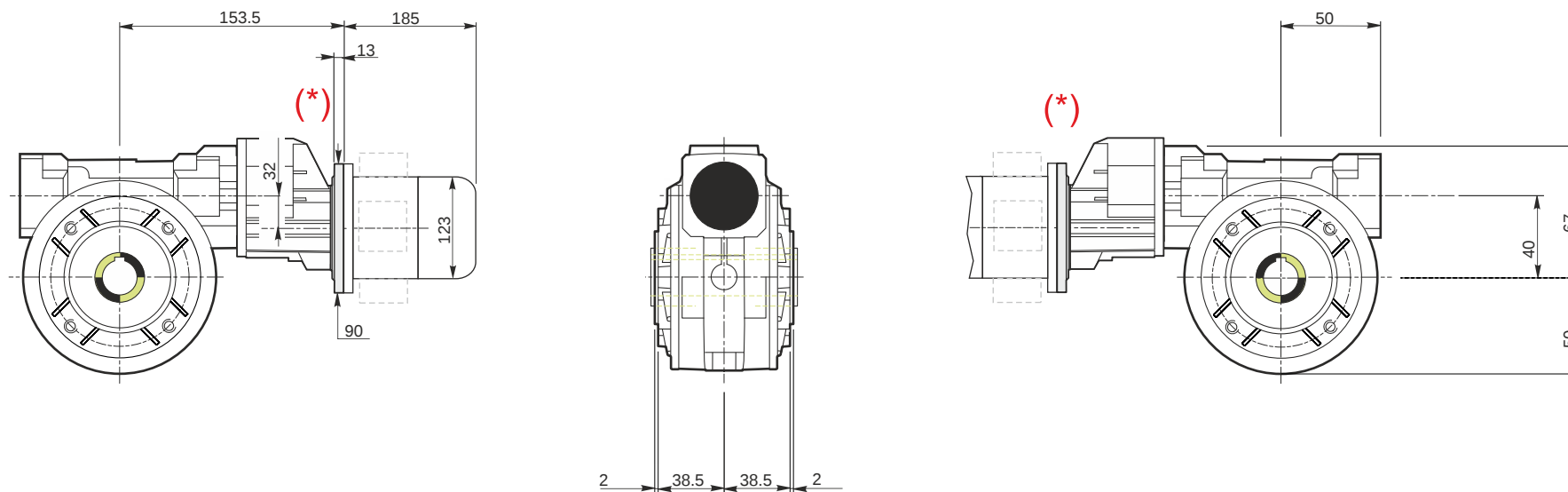
Hollow output shaft	AC 19
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Electric motor

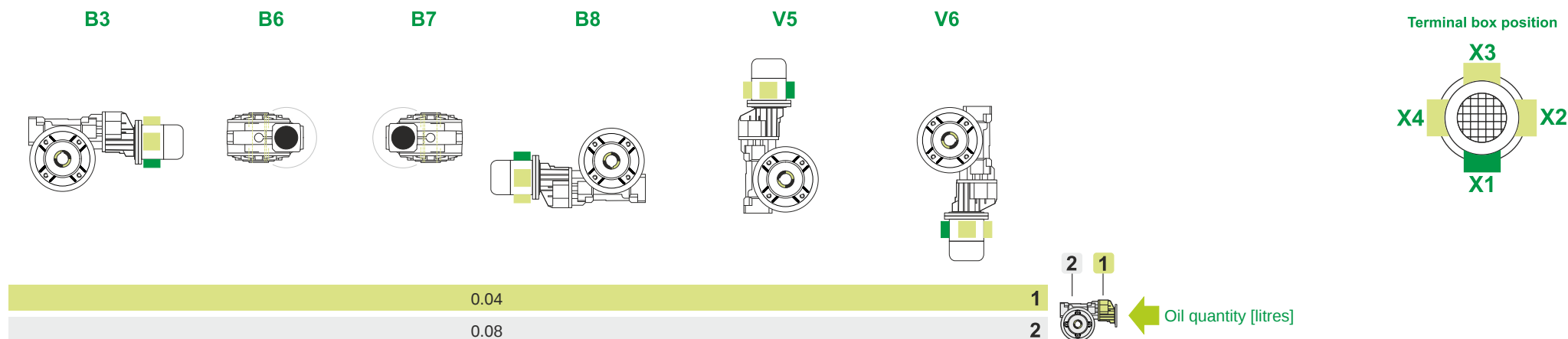
Size		63 B4
Poles		4
Power	[kW]	0.18

Electric motor configuration

Motor flange	B14
Terminal box position	X3



Mounting positions



Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation



Weight

Gear unit [kg]	4
Electric motor [kg]	4.3

Gearing data

Axial module	2.1
Number of starts	4
Lead angle	21° 36'
Pressure angle	20°

Backdriving

Static back-driving
Quick back-driving
Dynamic back-driving