Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	700
Output speed	[rpm]	0.13
Ratio (i=)		5600
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		1
Rated Power P1	[kW]	0.17

Output data

Gear unit	**M RS/RS 70/150 PC 11 5600 80 B14 AD 55x110 55x130 MT 0.18 kW 80 A8 B14 X3 B3**
Type	RS/RS - Worm speed reducers
Input type	M
Size	70/150
Ratio (i=)	5600
Gearbox ratio	56.00
Pre-stage ratio	100.00
Input flange	B14
Mounting position	B3
Input speed [rpm]	700
Output speed [rpm]	0.13
Rated output torque [Nm]	3025.44
Service Factor	1
Efficiency	0.22

Gear unit configuration

Output shaft	Double output shaft
Fixing	Shaft mounting
Version	PC
Attachment position	11

Output radial and axial loads

Ball bearings output radial load	[N]	15000
Taper bearings output radial load	[N]	19500
Ball bearings output axial load	[N]	3000
Taper bearings output axial load	[N]	3900

Accessories

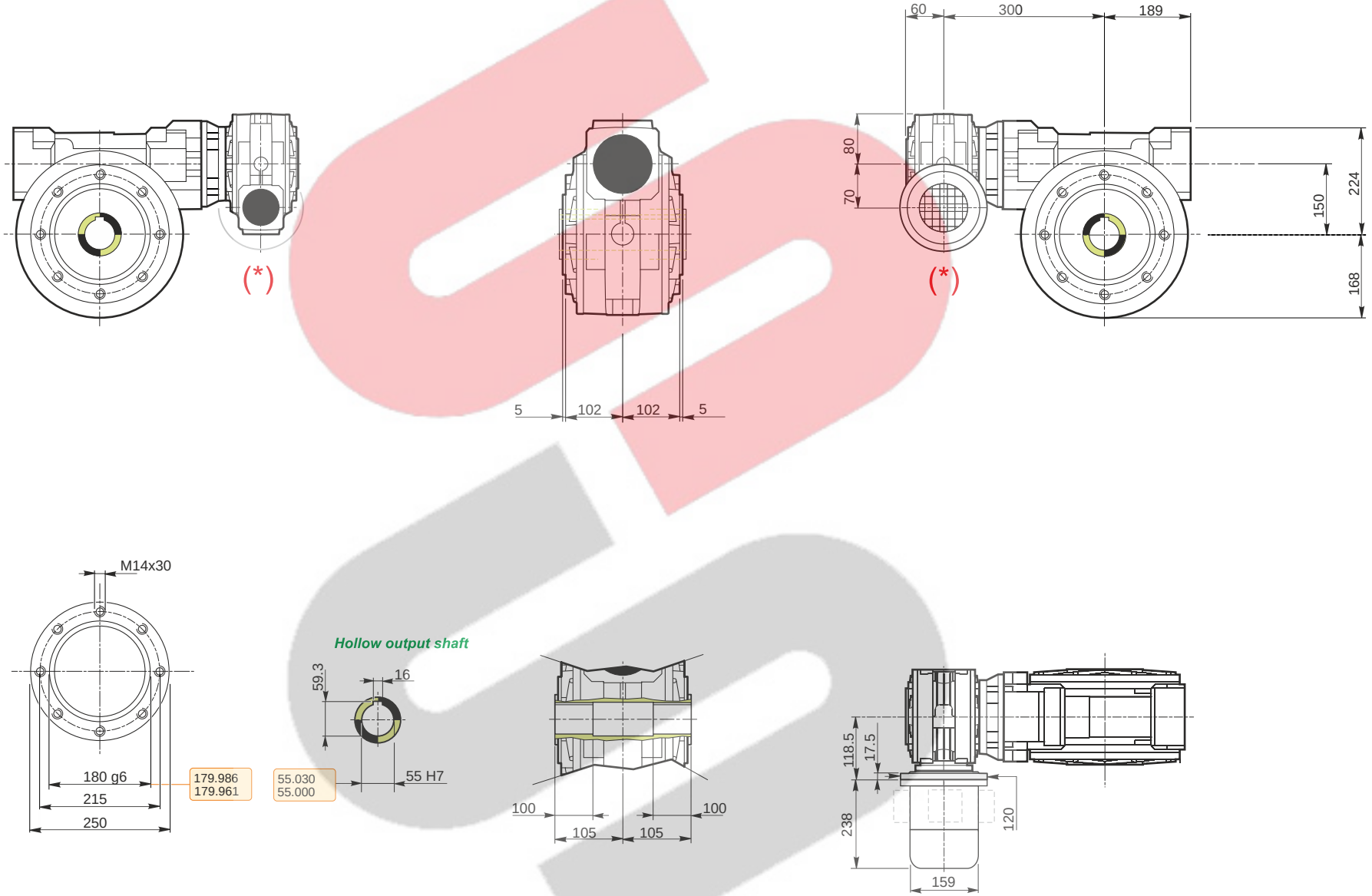
Double output shaft	AD 55x110 55x130

Electric motor

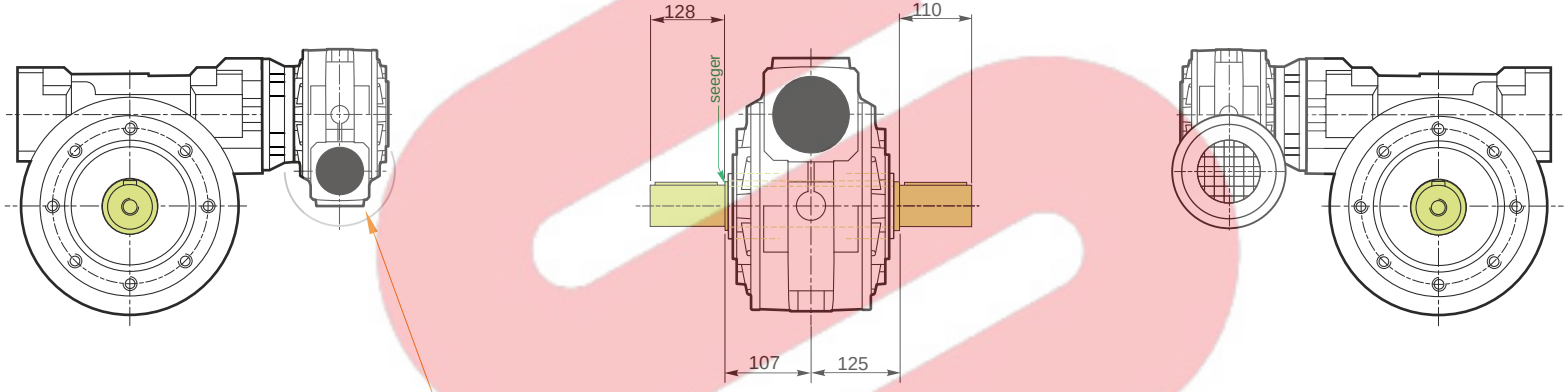
Size		80 A8
Poles		8
Power	[kW]	0.18

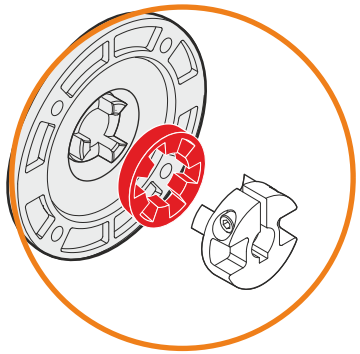
Electric motor configuration

Motor flange	B14
Terminal box position	X3

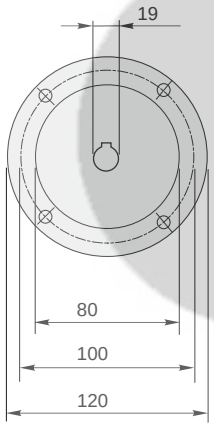


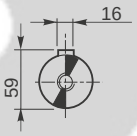
M RS/RS 70/150 PC 11 5600 80 B14 AD 55x110 55x130 MT 0.18 kW 80 A8 B14 X3 B3

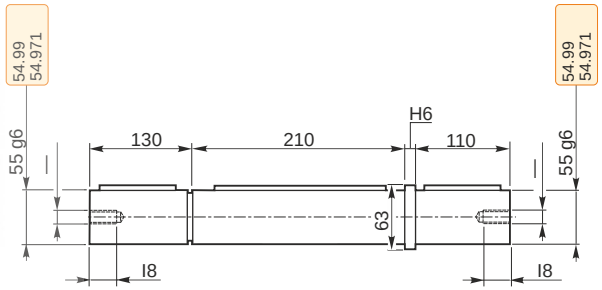




This gear unit is provided with
an elastic coupling motor fitting





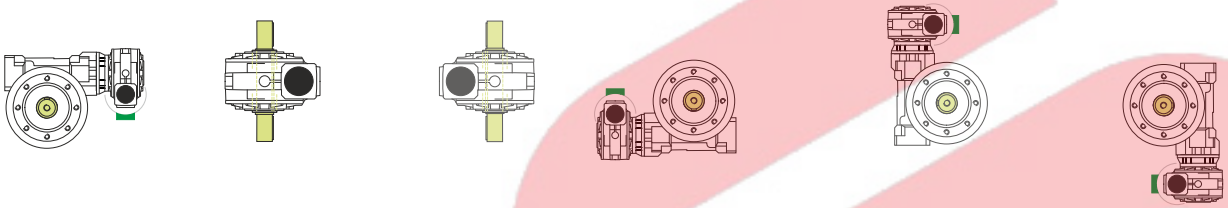


Output shaft is delivered as loose accessory

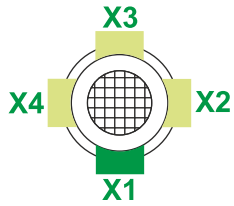
M RS/RS 70/150 PC 11 5600 80 B14 AD 55x110 55x130 MT 0.18 kW 80 A8 B14 X3 B3

Mounting positions

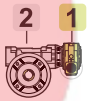
B3 B6 B7 B8 V5 V6



Terminal box position



0.35	1	
4.4	2	

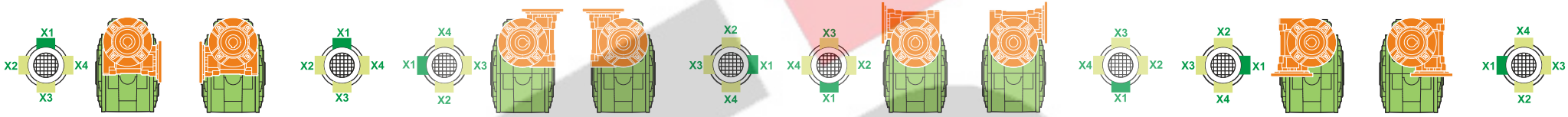


Oil quantity [litres]

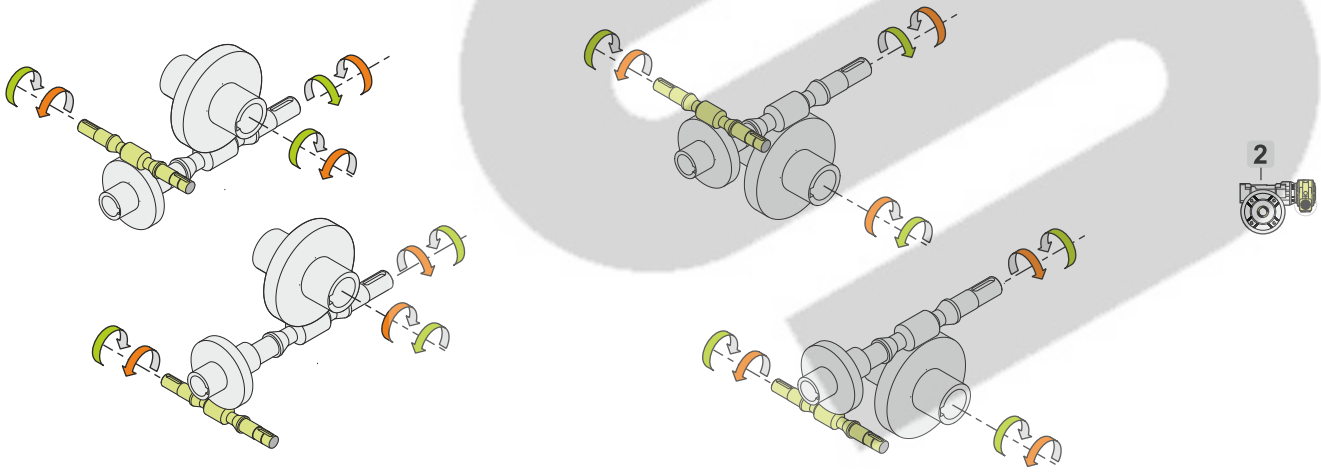
Lubricant type: Long life synthetic oil ISO VG320

Attachment position

12 11 14 13 16 15 18 17



Direction of rotation



Weight

Gear unit [kg]	90
Electric motor [kg]	9.8

Gearing data 2

Axial module	4.6
Number of starts	1
Lead angle	6° 11’
Pressure angle	20°

Backdriving

Static self-locking
No back-driving
No dynamic back-driving

M RS/RS 70/150 PC 11 5600 80 B14 AD 55x110 55x130 MT 0.18 kW 80 A8 B14 X3 B3