Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	900
Output speed	[rpm]	57.58
Ratio (i=)		15.63
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	11
Service factor		1.4
Thermal power	[kW]	14

Output data

Gear unit		**T F 140 B 16 160_B5 O B3 SD55**
Type		T - Bevel helical gearboxes
Input type		F
Size		140B
Ratio (i=)		15.63
Input flange		B5
Mounting position		B3
Input speed	[rpm]	900
Output speed	[rpm]	57.58
Rated output torque	[Nm]	1733.15
Service Factor		1.4
Efficiency		0.95

Gear unit configuration

Output shaft	S55
Fixing	Universal

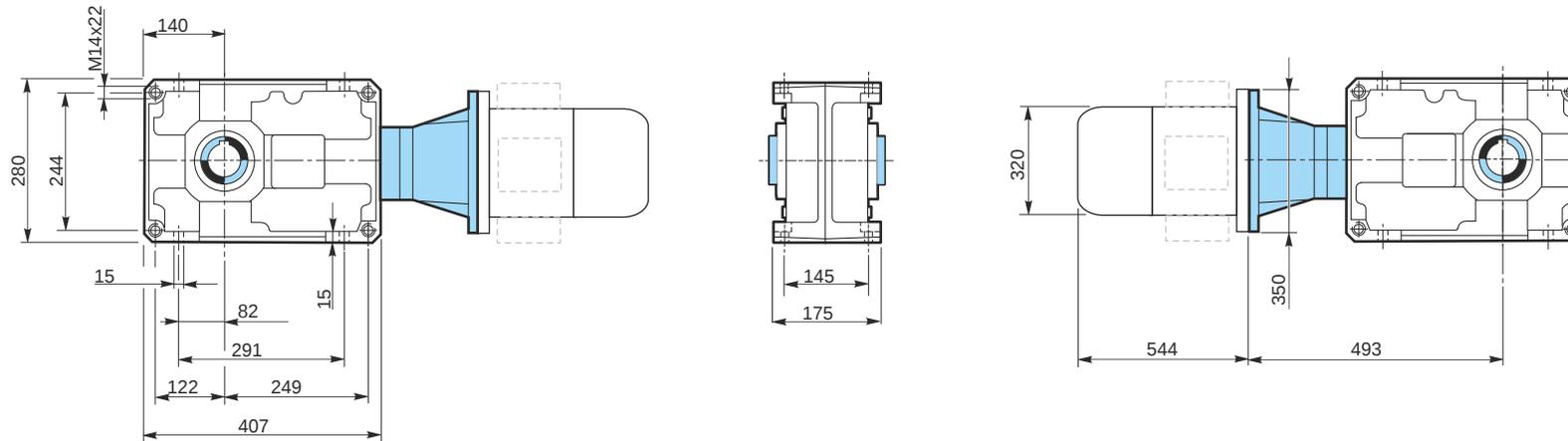**Accessories**

Single output shaft	SD

Electric motor

Size		160 L
Poles		6
Power	[kW]	11

Electric motor configuration

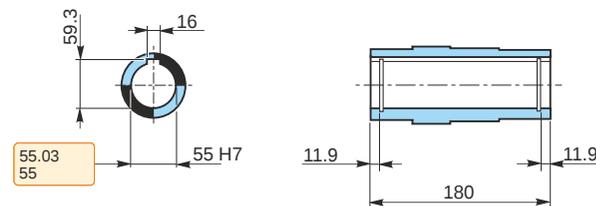|	
Motor flange	B5
Terminal box position	A

Electric motor configuration
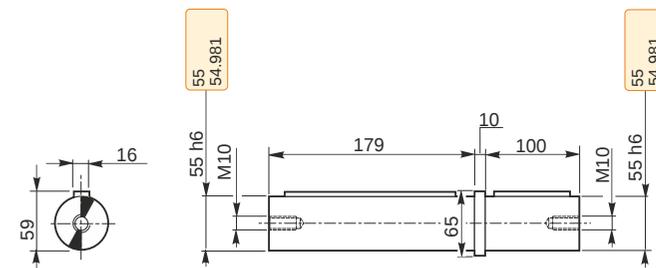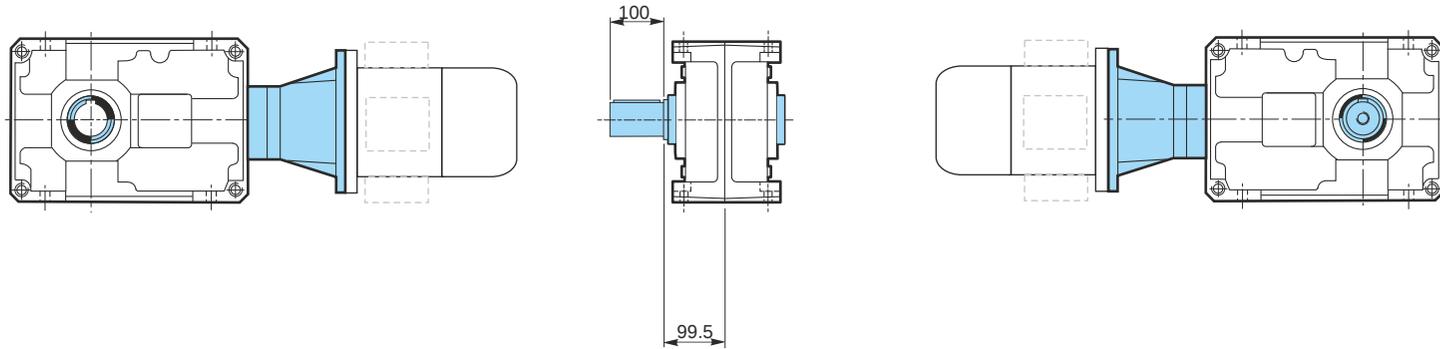
Voltage	230/400 V - 50 Hz

M14x22

140

280

244

15

15

82

291

122

249

407

145

175

320

350

544

493

Hollow output shaft

59.3

16

55.03
55

55 H7

11.9

11.9

180

T F 140 B 16 160_B5 O B3 SD55

100

99.5

16

59

55 h6

55 54.981

M10

179

10

100

M10

55 h6

65

55 54.981

Single output shaft is delivered as accessory dismantled

Mounting positions

B3

B6

B8

VA

VB

B7

Terminal board position
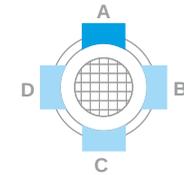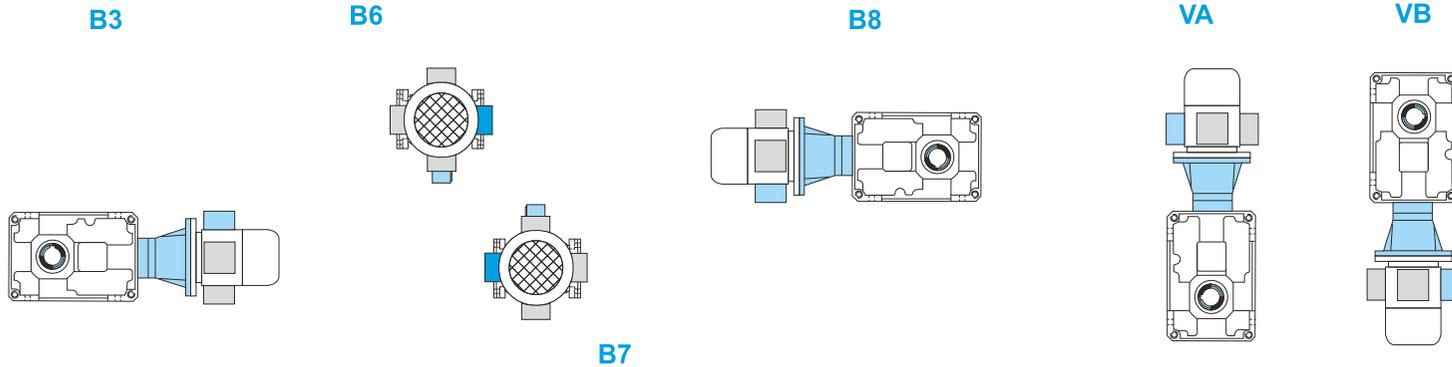
The dimensions of the electric motors are approximate values

| 3.6 | 3.6 | 4.6 | 4.3 | 4.3 | 4.3 |

Oil quantity [litres]

Lubricant type: Long life synthetic oil ISO VG320

Direction of rotation

Weight
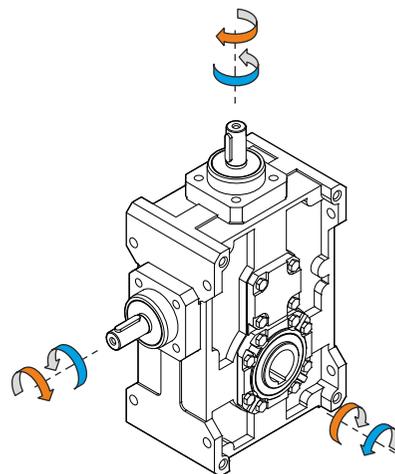
| Gear unit [kg] | 75 |
| Electric Motor [kg] | 109 |

T F 140 B 16 160_B5 O B3 SD55