

Input data

System of measurement		Metric
Input type		Coupling for electric motor
Input speed	[rpm]	1400
Output speed	[rpm]	17.5
Ratio (i=)		80
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.55
Service factor		1.1

Output data

Gear unit	CM 075 U 80 80B5 M1	
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Type		CM - Wormgearboxes
Size		075
Ratio (i=)		80
Input flange		B5
Mounting position		M1
Input speed	[rpm]	1400
Output speed	[rpm]	17.5
Rated output torque	[Nm]	180.09
Service Factor		1.1
Efficiency		0.6

Gear unit configuration

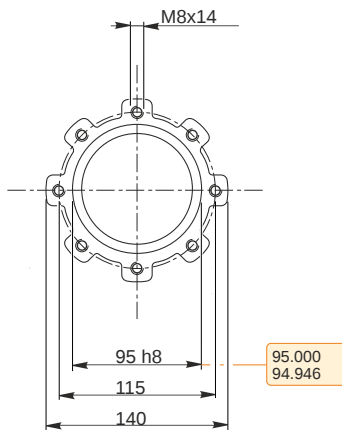
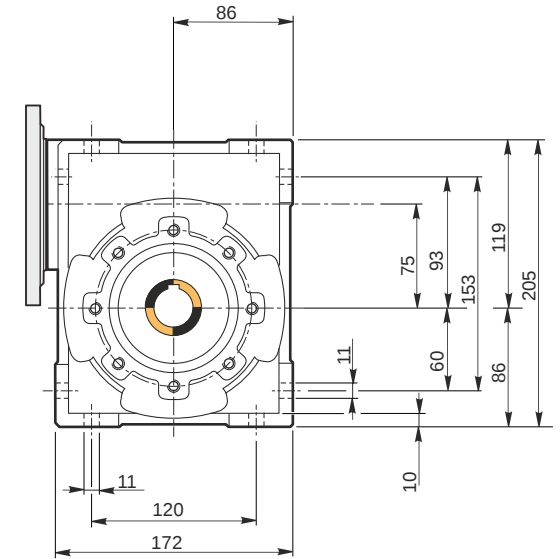
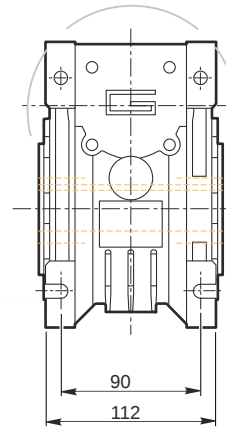
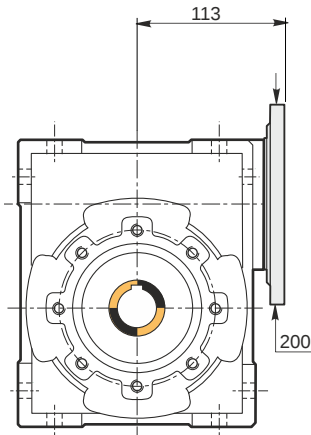
Frame dimensions		METRIC
Output shaft		Hollow output shaft
Fixing		Universal
Mounting position		M1

Output radial and axial loads

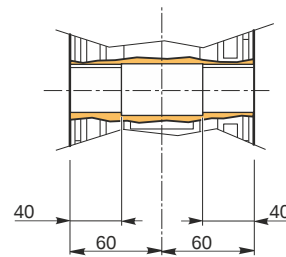
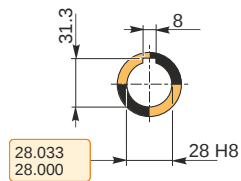
Output radial load	[N]	6162
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Electric motor coupling

Size		801-4
Poles n.		4
Power	[kW]	0.55

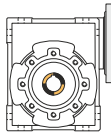


Hollow output shaft

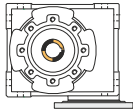


Mounting positions

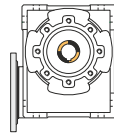
M1(B3)



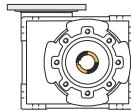
M2(V6)



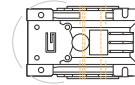
M3(B8)



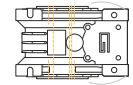
M4(V5)



M5(B7)



M6(B6)

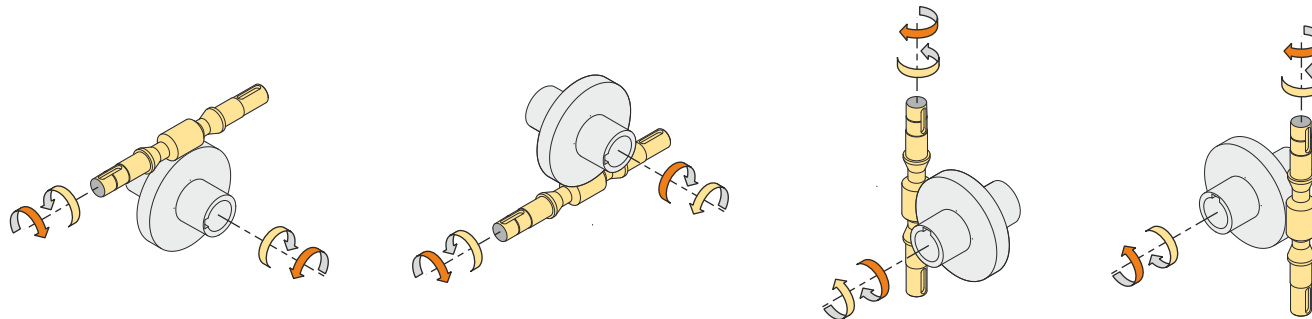


Lubricant type: this gear unit is delivered life lubricated



Oil quantity [litres]

Direction of rotation



Weight

Gear unit [kg] 9

Gearing data

Number of starts 1
Lead angle 3° 14'
Pressure angle 20°

Backdriving

Static self-locking
Slow back-driving in case of vibrations
Low dynamic back-driving