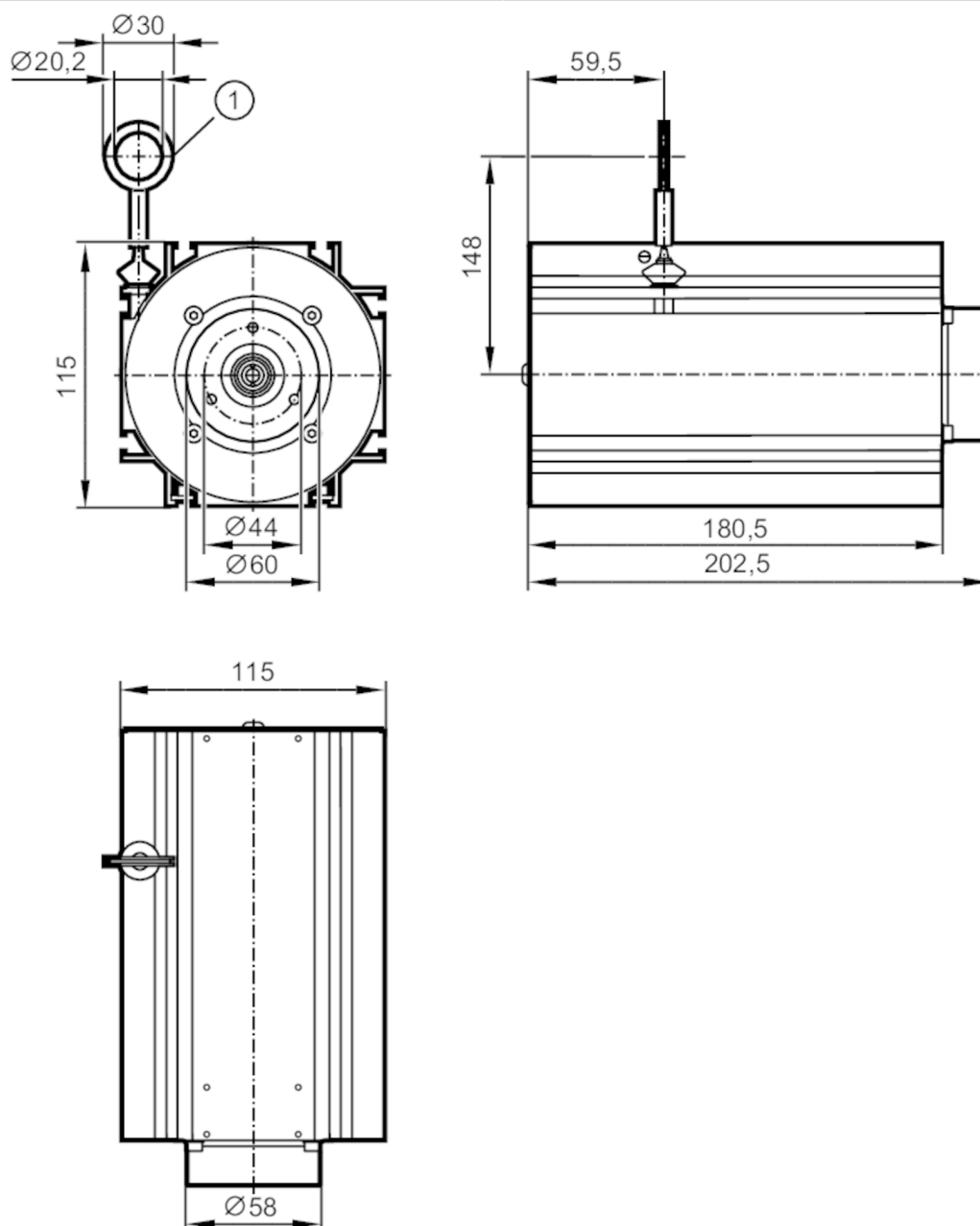


Draw-wire mechanism for encoders

DRAW WIRE 15000



Product characteristics

Shaft design	solid shaft
Shaft diameter [mm]	6

Application

Design	for encoders with 58 mm synchro flange and 6 mm solid shaft
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Accuracy / deviations

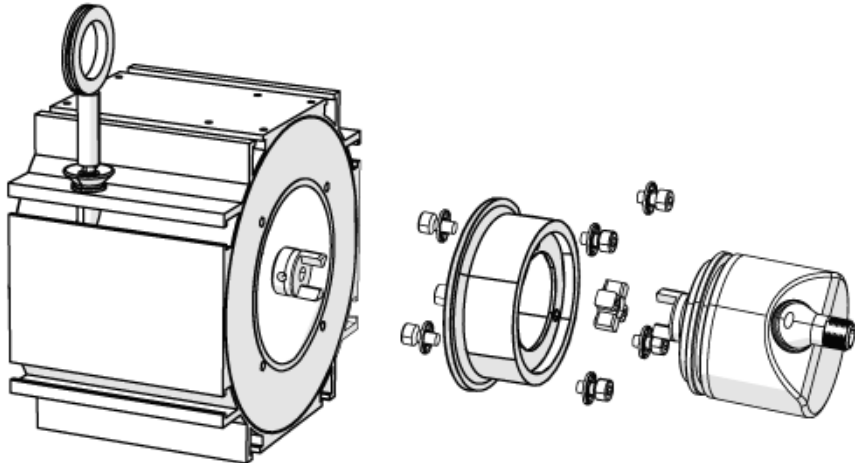
Accuracy	± 0.01 % FSO
Repeatability	± 0,001 % FSO

Operating conditions

Ambient temperature [°C]	-20...80
Storage temperature [°C]	-40...80
Storage humidity [%]	5...95; (non condensing)

Draw-wire mechanism for encoders

DRAW WIRE 15000

Tests / approvals			
Shock resistance	IEC628-2-27		50 g / 20 ms
Vibration resistance	IEC68-2-6		20 g / 20..200 Hz
Mechanical data			
Weight	[g]	3824.8	
Dimensions	[mm]	115 x 180.7 x 115	
Top flange diameter	[mm]	58	
Materials		housing: aluminium anodised; wire: stainless steel polyamide coated	
Shaft design		solid shaft	
Shaft diameter	[mm]	6	
Max. measuring length	[mm]	15000	
Wire drum circumference	[mm]	315	
Wire diameter	[mm]	1	
Wire connection		20,2; (eyelet)	
Wire properties	max. speed of wire displacement	[m /s]	2
	max. wire acceleration	[g]	3
	max. extension force	[N]	25
	min. retraction force	[N]	8
Fixing flange		synchro-flange	
Accessories			
Items supplied	screws: 2 x M4		
	cylinder screws: 4 x M4		
	washers		
	synchro-flange		
	Coupling for encoders		
Remarks			
Pack quantity	1 pcs.		
Diagrams and graphs			
			
Installation instruction			