

ACCESSORIES ENCODER MOUNTING DEVICE



Description

The encoder mounting device MGY58 enables the user to mount all absolute and incremental encoders with a synchro flange in a simple and inexpensive way.

A clutch with high torsional rigidity and low reset forces is necessary between the shaft encoder and the rotating shaft to compensate the shaft offset

and to damp vibrations. The spring-ring clutch FSK3022 provides electrical and thermal insulation to an engine or a driver device.

The assembly of the encoder to the mounting device can be made by the provided mounting material.

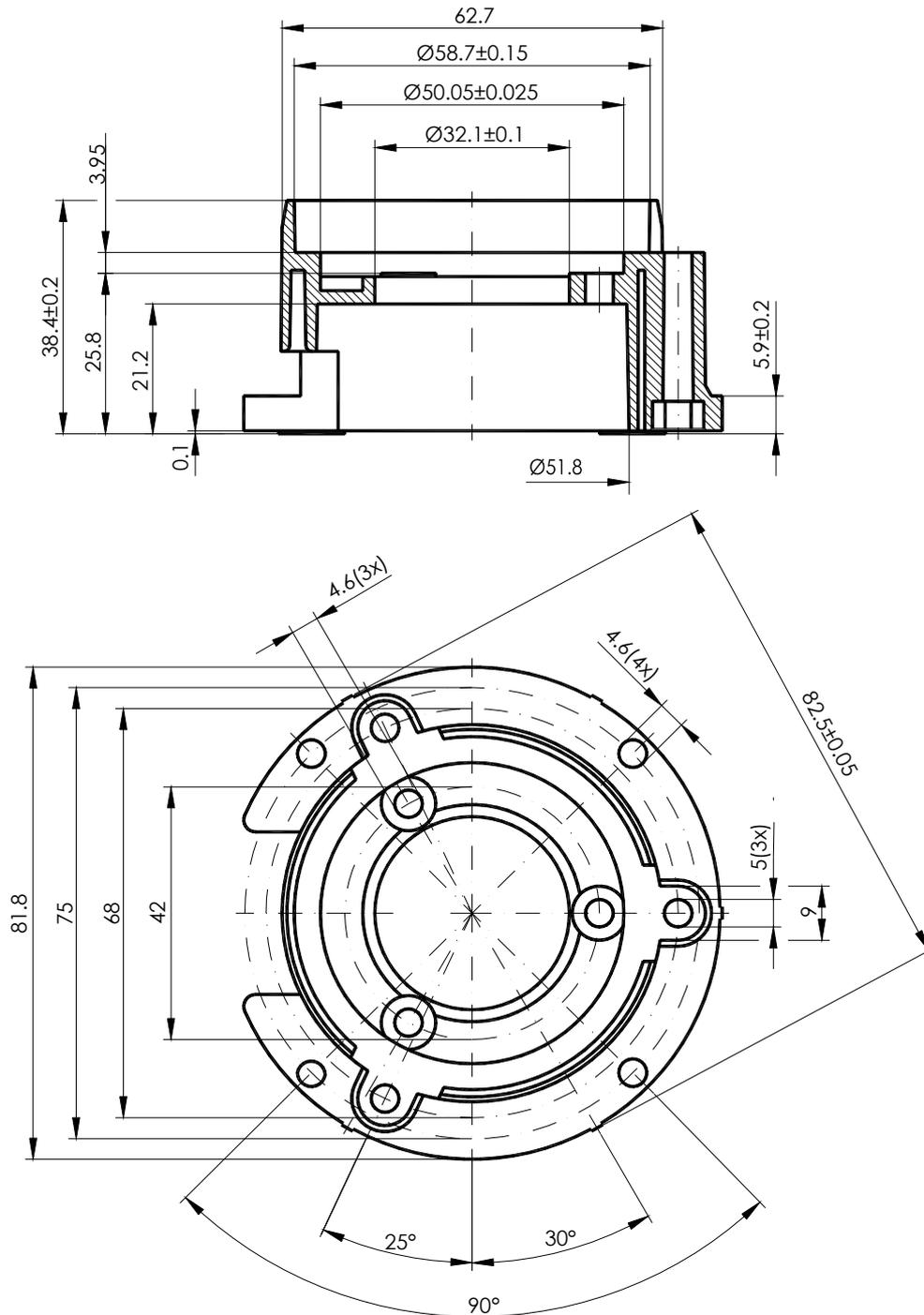
Mechanical Data

Material encoder mounting device

Fortron 1140L4 (40% glass-fiber reinforced)

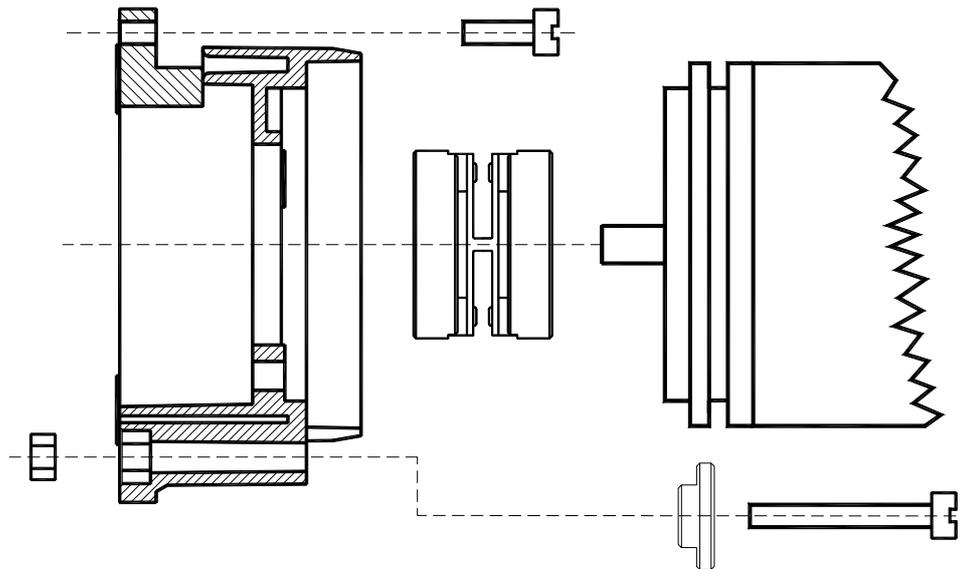
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Mechanical Drawings

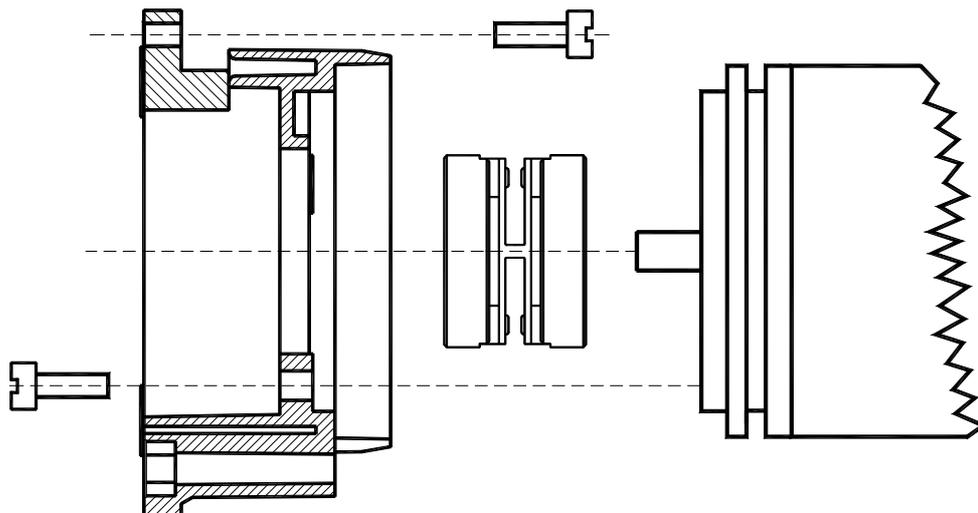


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Mounting with clamp discs

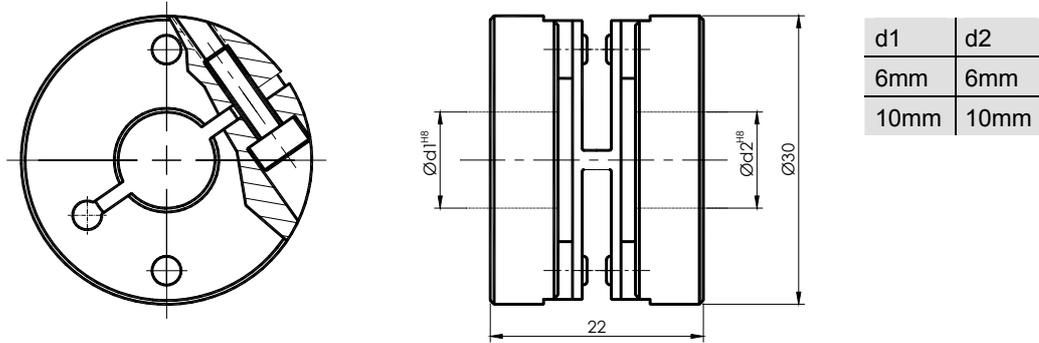


Mounting through threads in Synchro-flange



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Spring-ring clutch FSK3022



Mechanical Data FSK3022

Material flange clutch		Aluminum, protected surface
Material spring-ring		plastic, glass-fibre reinforced
R.P.M.		max. 12.000 min ⁻¹
Torque		max. 60 Ncm
Shaft offset	radial	± 0.3 mm
	axial	± 0.4 mm
	angle	± 2.5 mm
Torsional Rigidity		50 Nm/rad

Models and Ordering Description

Description	Type key
Encoder mounting device	MGY58
Spring-ring clutch	FSK3022 06/06
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-----“-----	FSK3022 10/10

Further models on request

We do not assume responsibility for technical inaccuracies or omissions. Specifications are subject to change without notice.