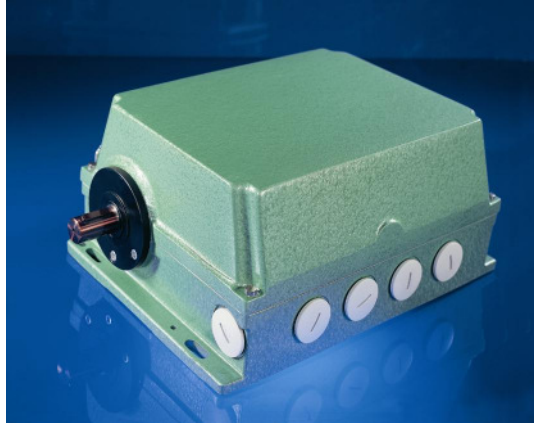


POSITAL

FRABA

ACCESSORIES PROTECTION BOX ALG



Description

In the heavy-machinery industry (steel mills, off shore, etc.) a higher level of protection is often required to avoid external mechanical damage. Due to this fact, POSITAL rotary encoders can be

built into the heavy duty, cast aluminum ALG protection box.

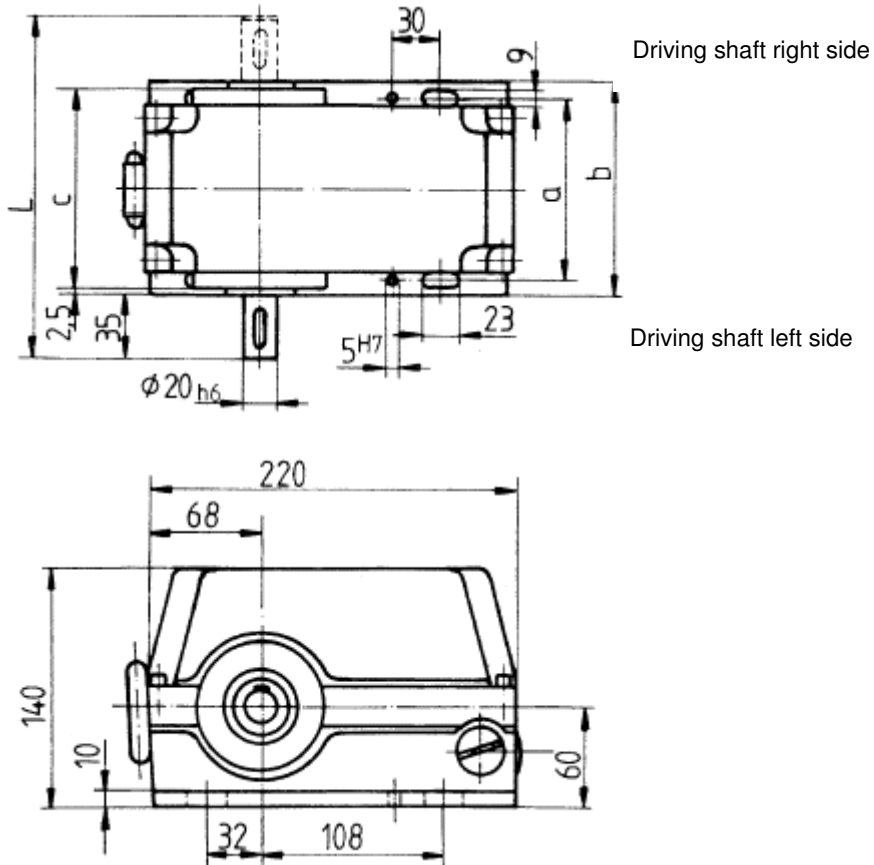
This housing will delivered with M32 screws (see picture).

Mechanical Data

Housing	Cast aluminum, varnished
Degree of protection	IP 65
Shaft	Steel, grinded, with fit spring slot by DIN 6885
Shaft loading	Axial 50 N, radial 250 N
Friction torque	Max. 15 Nm
RPM	Max. 3,000

ACCESSORIES PROTECTION BOX ALG

Mechanical drawing



Available box dimensions

Type	Number of cable carries M32	Dimension a / [mm]	b / [mm]	c / [mm]	L / [mm]
ALG-15	7	370	390	380	455
ALG-12	6	285	304	294	369
ALG-9	5	225	244	234	309

ACCESSORIES PROTECTION BOX ALG

Models/Ordering Description

Description	Type Key				
Protection box	ALG	__ -	0 -	___ -	-
Housing dimension		15			
		12			
		09			
Electrical connection	Cable carry-ins M32		0		
Encoder type	Ø 58 with synchro flange, 6mm shaft			Wzz	
	Ø 58 with clamp flange, 10 mm shaft			Wer	
	Ø 65 with clamp flange, 10 mm shaft			Wer	
	Ø 65 with 6mm shaft			Web	
	Ø100 with 6mm shaft			Wdf	
Driving shaft	Right side				R
	Left side (standard)				L

Further models on request.

Needed accessories

Description	Type key
Shaft couplings for Ø 6 mm shaft (Web, Wdf)	ASK 018
Shaft couplings for Ø 6 mm shaft (Wzz)	GS 6
Shaft couplings for Ø 10 mm shaft (Wer)	GS 10

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