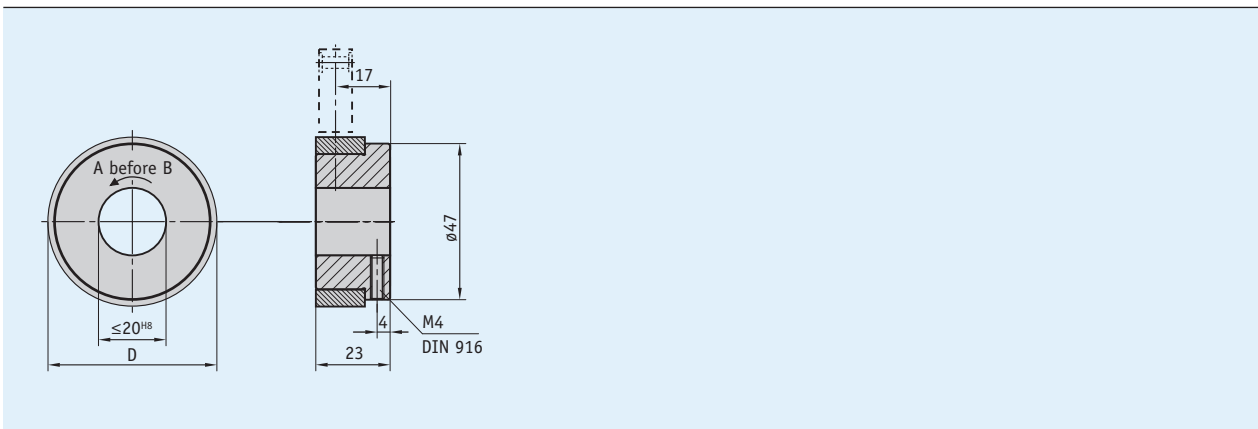
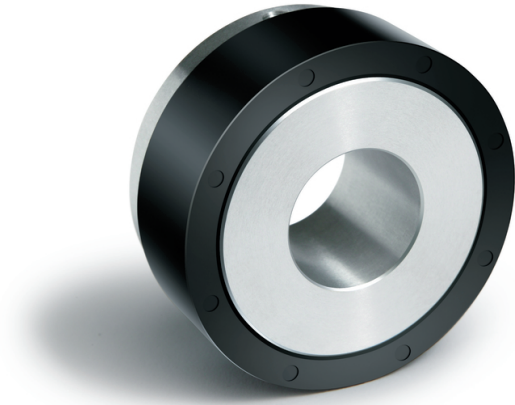


Profile

- Easy hollow-shaft mounting
- Rotary encoder system with IP67 protection category (in combination with MSK320)
- Up to 4096 pulses/revolution (16384 increments)



Mechanical data

Feature	Technical data	Additional information
Flange	aluminum	

■ Table of dimensions

Poles	64
Diameter D [mm]	50
Circumference [mm]	157
Speed n [min ⁻¹]	≤9550

System data

Feature	Technical data	Additional information
Pole length	2.453 mm	
System accuracy	±0.5°	
Measuring range	360°	

■ Pulses/revolution

Number of poles	64	
Scaling factor of sensor	64	4096
	32	2048
	20	1280
	16	1024
	10	640
	8	512
	5	320
	4	256
1	64	

Table applies to the combination of MRI01 with MSK320

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	0 ... 60 °C	
Storage temperature	-20 ... 85 °C	
Relative humidity	100 %	condensation admissible

Order

■ Ordering table

Feature	Ordering data	Specification	Additional information
Pole number	64	64 poles	
	A	others on request	
Bore diameter	20	ø20 mm	
	9	ø9 mm	
		others on request	≤ø35 mm

■ Order key

MRI01 - - - MNG

Scope of delivery: MRI01