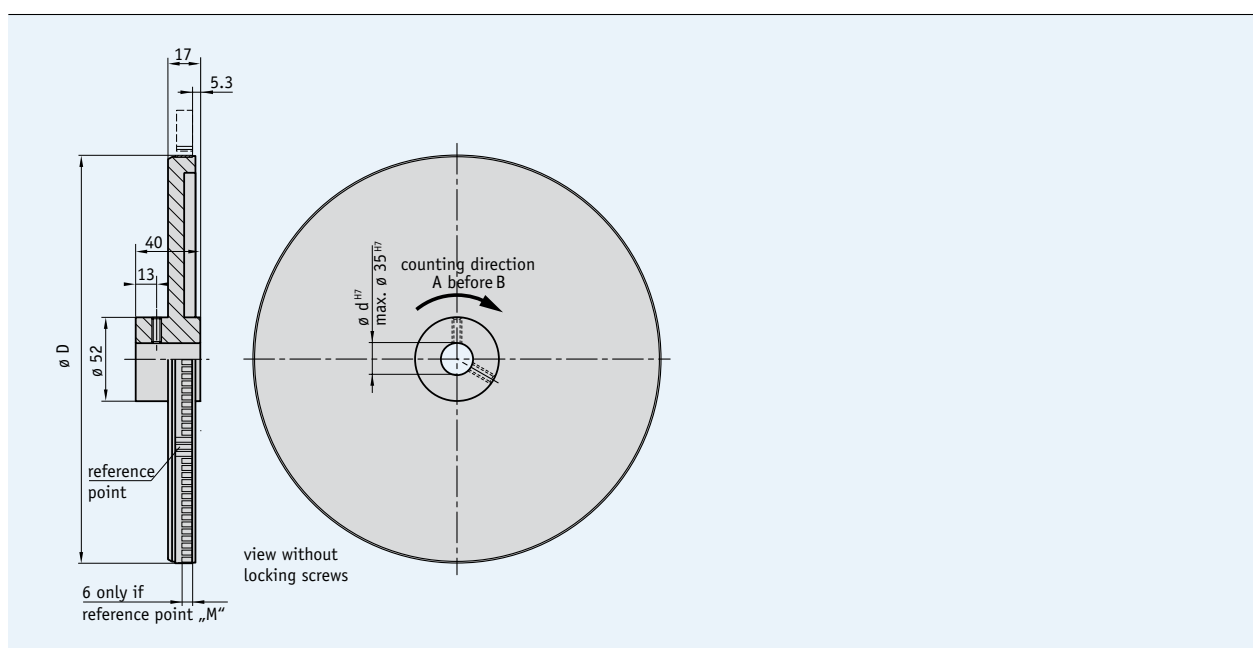


Profile

- Easy hollow-shaft mounting
- Rotary encoder system with IP67 protection category (in combination with MSK320)
- Up to 5000 pulses/revolution ($\pm 20\,000$ increments)
- With reference point as an option



Mechanical data

Feature	Technical data	Additional information
Pole length	3.2 mm	
Measurement range	360°	
System accuracy	$\pm 0.1^\circ$	
Operating temperature	-20 ... +70 °C	
Storage temperature	-20 ... +70 °C	
Humidity	100 % rh	condensation permitted
Flange material	aluminum	

■ Dimensions

Pole	100	150	180	250
Diameter D (mm)	100	151	181	253
Circumference (mm)	320	480	570	800
Max. Speed n (rpm)	4680	3120	2630	1870

■ Pulses/revolution

		Number of poles 100	Number of poles 150	Number of poles 180	Number of poles 250
Scaling factor of sensor	20	2000	3000	3600	5000
	16	1600	2400	2880	4000
	10	1000	1500	1800	2500
	8	800	1200	1440	2000
	5	500	750	900	1250
	4	400	600	720	1000
	1	100	150	180	250

The table applies to the combination of MR320 with MSK320

Order

■ Order table

Feature	Order data	Specifications	Additional information
Number of poles	100	100 poles, distributed on circumference	
	150	150 poles, distributed on circumference	
	180	180 poles, distributed on circumference	
	250	250 poles, distributed on circumference	
		others on request	
Bore diameter	20	20 H7	
		others on request	
Reference point	0	without	
	M	with	

■ Order code

MR320 - - - MNG -

Scope of delivery: MR320, User information

Additional information:

Short Description, Technical Details
Product Overview

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