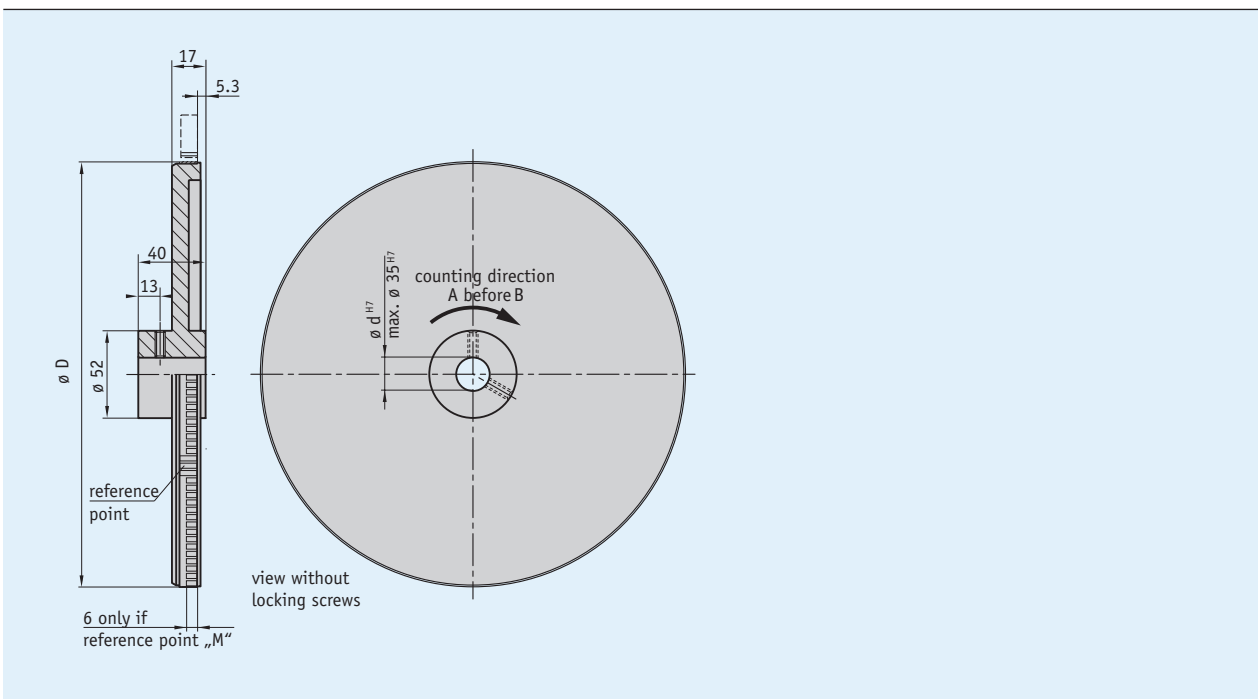


Profile

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



Mechanical data

Feature	Technical data	Additional information
Flange	aluminum	

Table of dimensions

Poles	100	150	180	250
Diameter D [mm]	100	151	181	253
Circumference [mm]	320	480	570	800
Speed [min ⁻¹]	≤4680	≤3120	≤2630	≤1870

System data

Feature	Technical data	Additional information
Pole length	3.2 mm	
System accuracy	±0.1°	
Measuring range	360°	

■ Pulses/revolution

Pol number	100	150	180	250
Sensor scaling factor				
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

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	-20 ... 70 °C	
Storage temperature	-20 ... 70 °C	
Relative humidity	100 %	condensation admissible

Order

■ Ordering table

Feature	Ordering data	Specification	Additional information
Pole number	100	100 poles	
	150	150 poles	
	180	180 poles	
	250	250 poles	
		others on request	
Bore/diameter	20	ø20 mm	
		others on request	
Reference point	0	without	
	M	with	

■ Order key

MR320 - - - MNG -

Scope of delivery: MR320