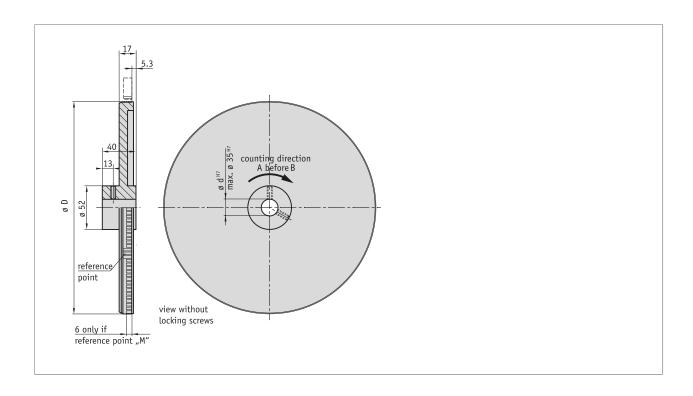
Incrementally coded ring with permanently connected flange, pole length 5 mm

Profile

- Easy hollow-shaft mounting
- Rotary encoder system with IP67 protection class (in combination with MSK5000)
- Up to 200 000 pulses/revolution (800 000 increments)
- With reference point as an option





Mechanical data

Feature	Technical data	Additional information
Flange	aluminum	

Dimensions

Pole	64	96	160
Diameter D [mm]	102	153	255
Scope [mm]	320	480	800
Rotational speed	"variable"	"variable"	"variable"

www.siko-global.com **SIKO**

Incrementally coded ring with permanently connected flange, pole length 5 mm

■ Speed

Maximum speeds are calculated in relation to circumferential speed, with the circumference of the magnetic ring being decisive. The circumferential speed of the MSK5000 sensor is variable; it results from the selection of pulse interval and scaling factor (see table MSK5000). Speed is calculated according to the formula:

System data

Feature	Technical data	Additional information
Pole length	5 mm	
System accuracy	±0.1 ° at T _U = 20° C	
Measuring range	360 °	

■ pulses/revolution

"Pole number"		64	96	160
Scaling factor of sensor	1250	80000	120000	200000
	250	16000	24000	40000
	125	8000	12000	20000
	50	3200	4800	8000
	25	1600	2400	4000
	12.5	800	1200	2000

Table applies to the combination MR500 with MSK5000

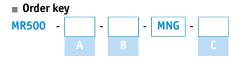
Ambient conditions

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	Spezifikation	Additional information
"Pole number "	64	64 poles	
	96	96 poles	
	160	160 poles	
		others on request	
bore/diameter	20	ø20 mm	
	D -	others on request	
reference point	0	without	
	M	with	





SIKO