

Magnetic-band ring MBR...

Separate magnetic band intended for attaching on a shaft or ring.



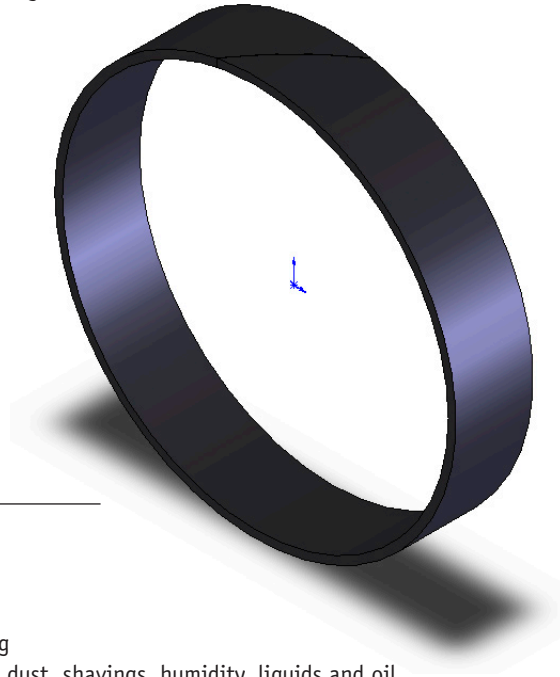
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Feature:

- easy mounting
- insensitive to dust, shavings, humidity, liquids and oil
- with reference point as an option
- Different number of poles on request

MBR100

Feature	Order text	Additional information
Pole pitch	540 A 540 poles	shaft or ring diameter 170,1±0,03
	720 A 720 poles	shaft or ring diameter 227,4±0,03
Reference point	0 B without	

MBR200

Feature	Order text	Additional information
Pole pitch	50 A 50 poles	shaft or ring diameter 30,7±0,03
	64 A 64 poles	shaft or ring diameter 39,6±0,03
	100 A 100 poles	shaft or ring diameter 62,6±0,03
Reference point	0 B without	
	M B with	

MBR320

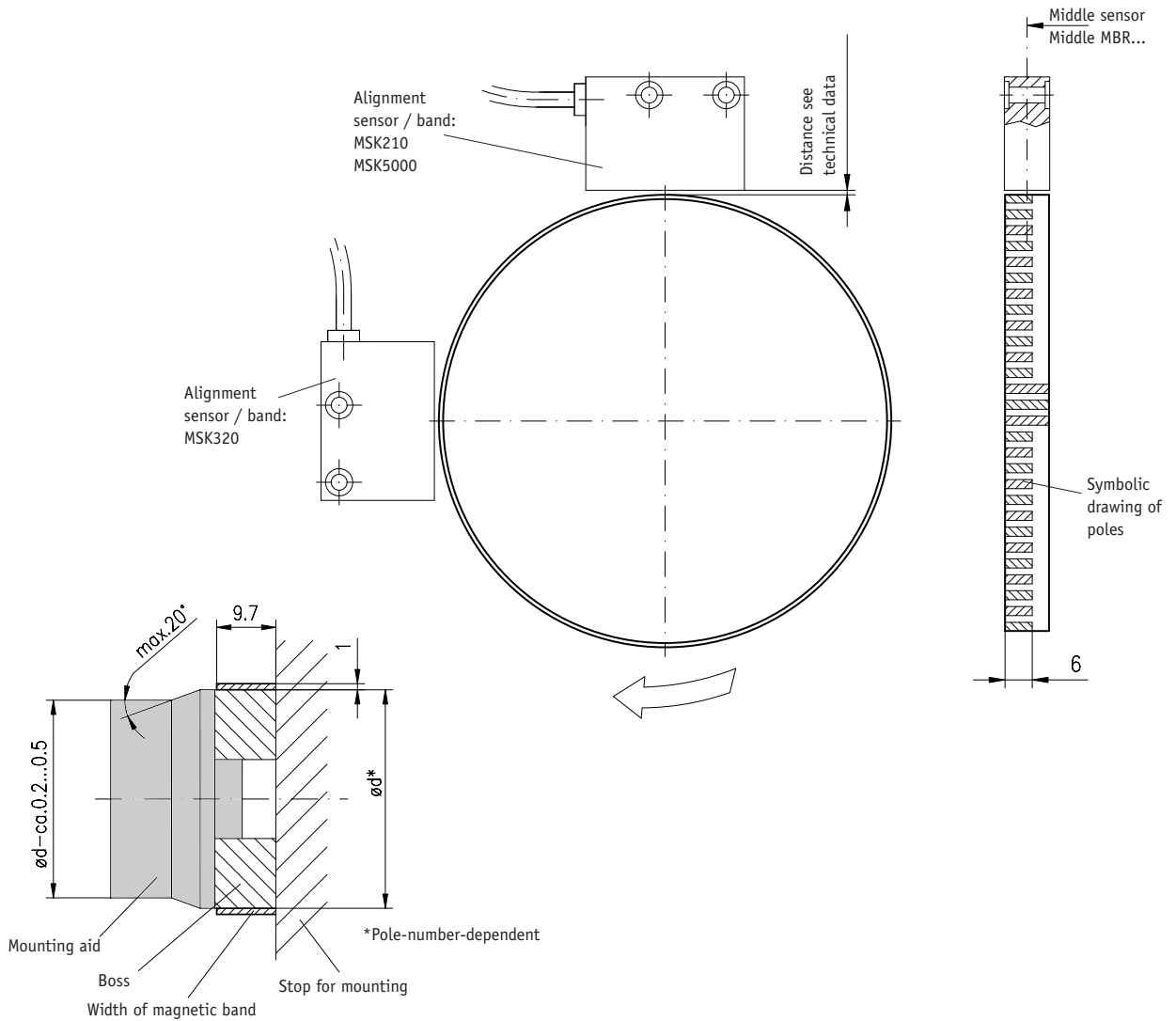
Feature	Order text	Additional information
Pole pitch	100 A 100 poles	shaft or ring diameter 100,9±0,03
	150 A 150 poles	shaft or ring diameter 151,8±0,03
	180 A 180 poles	shaft or ring diameter 182,4±0,03
	250 A 250 poles	shaft or ring diameter 253,7±0,03
Reference point	0 B without	
	M B with	

MBR500

Feature	Order text	Additional information
Pole pitch	36 A 36 poles	shaft or ring diameter 57,5±0,03
	50 A 50 poles	shaft or ring diameter 79,8±0,03
	64 A 64 poles	shaft or ring diameter 102,0±0,03
	96 A 96 poles	shaft or ring diameter 153,0±0,03
	160 A 160 poles	shaft or ring diameter 254,8±0,03
Reference point	0 B without	
	M B with	

Your ordering: - -

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Technical data

Additional information

Mechanical data:		
Band width		9.7 mm
Wall thickness		1 mm
Minimum diameter		40 mm
Maximum diameter		255 mm
Environmental conditions:		
Working temperature		0 ... +60°C
Storage temperature		-20° ... +70°C
Humidity		100%rF condensation permitted
System data, resolution and accuracy:		
Pole length		1 / 2 / 3,2 / 5 mm
Travel speed		ca. 10 m/s
Sensor / band distance:		
MBR100		
without reference point		0,2 mm Tol. +0,2 mm / -0,1 mm
MBR200		
without reference point		0,4 mm Tol. +0,4 mm / -0,3 mm
with reference point		0,2 mm Tol. +0,2 mm / -0,1 mm
MBR320		
without reference point		1,0 mm Tol. +1,0 mm / -0,9 mm
with reference point		0,5 mm Tol. +0,5 mm / -0,4 mm
MBR500		
without reference point		1,0 mm Tol. +1,0 mm / 0,9 mm
with reference point		1,0 mm Tol. +0,5 mm / -0,9 mm