

LINEPULS

Magnetic rings

series

MRI/xxx



- Modular, flexible and robust encoder ring systems in combination with magnetic sensors
- Custom specific designs available up to 600 mm outside diameter



MRI/xxx

ENVIRONMENTAL SPECIFICATIONS

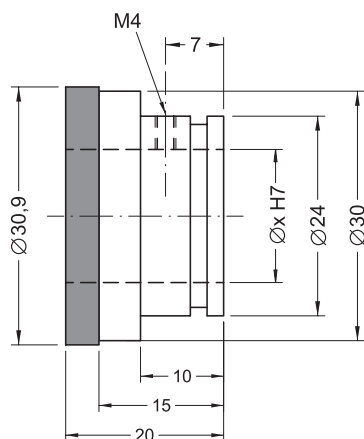
Operating temperature range:	-40°C ÷ +120°C (-40°F +248°F)
Storage temperature range:	-40°C ÷ +120°C (-40°F +248°F)
Protection:	IP67

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Ring support:	Aluminium or steel
Rotational speed:	MRI/31, MRI/48 = 20000 rpm max. MRI/114, MRI/284 = 1500 rpm max.
Magnetic poles:	see ordering code
System accuracy:	± 0,1°
Repeatability:	±1 increment

ACCESSORIES

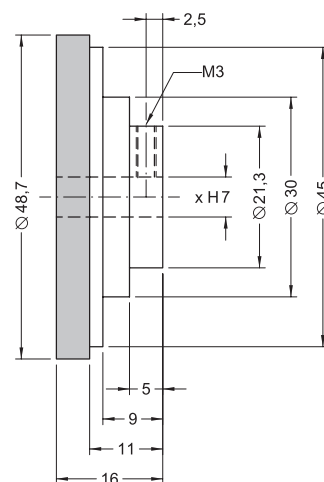
SME2:	Magnetic sensor
SME1:	Magnetic sensor
SME5:	Magnetic sensor
SMS:	Magnetic sensor
SMX:	Magnetic sensor



MRI/31

ORDERING CODE

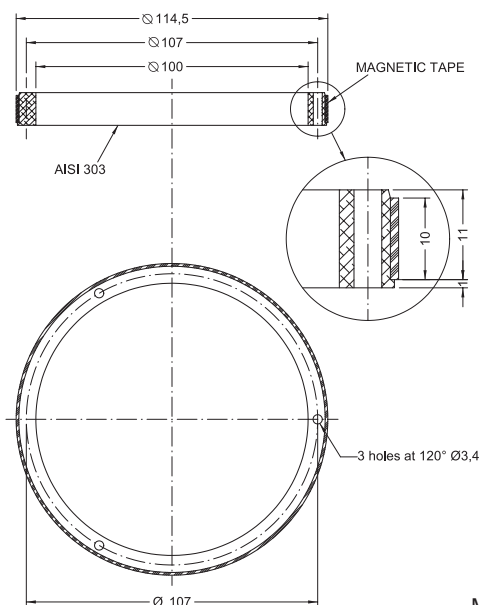
XXX	-	XX	-	XX
SERIES				
MRI/31				
MAGNETIC POLES/PITCH			SHAFT-Ø	
48 Pole/poli @ 2 mm		48-2	16 16 mm	
20 Pole/poli @ 5 mm		20-5	19 19 mm	



MRI/48

ORDERING CODE

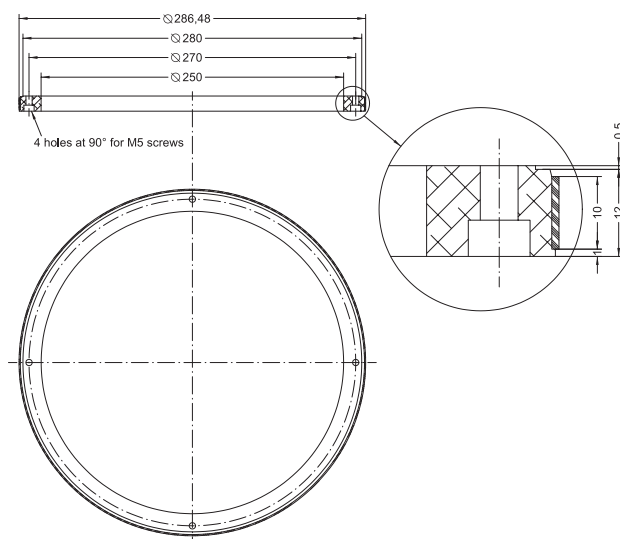
XXX	-	XX	-	X
SERIES				
MRI/48				
MAGNETIC POLES/PITCH			SHAFT-Ø	
32 Pole/poli @ 5 mm		32-5	6 6 mm	



MRI/114

ORDERING CODE

XXX	-	XX	-	XXX
SERIES				
MRI/114				
MAGNETIC POLES/PITCH			SHAFT-Ø	
72 Pole/poli @ 5 mm		72-5	100 100 mm	
182 Pole/poli @ 2 mm		182-2		



MRI/284

ORDERING CODE

XXX	-	XX	-	XXX
SERIES				
MRI/284				
MAGNETIC POLES/PITCH			SHAFT-Ø	
900 Pole/poli @ 1 mm		900-1	250 250 mm	
450 Pole/poli @ 2 mm		450-2		
180 Pole/poli @ 5 mm		180-5		