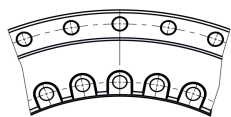


AXRY 100-NGS

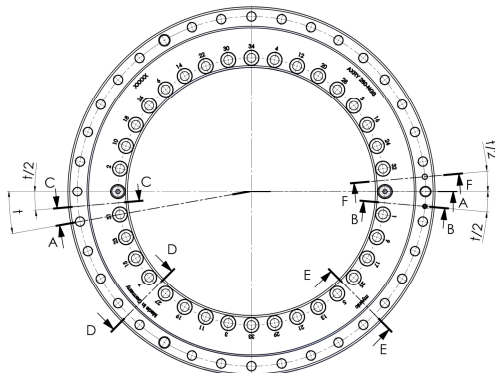
Axial-radial-bearing



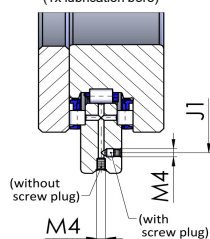
Technical data sheet



Screw counterbores in inner ring open to bearing bore. Bore diameter is not supported in this area.

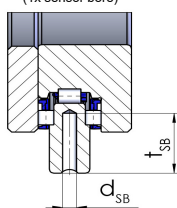


B-B
(1x lubrication bore)

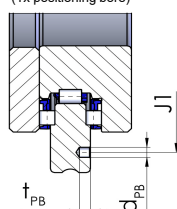


Note:
In the case of axial lubrication, please remove the screw plug and seal off the radial lubrication!

C-C
(1x sensor bore)

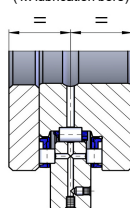


F-F
(1x positioning bore)

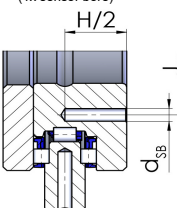


available optional design -SBI ordering code -SBI

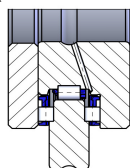
B-B
(1x lubrication bore)



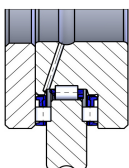
C-C
(1x sensor bore)



D-D
(2x 180° lubrication bore)

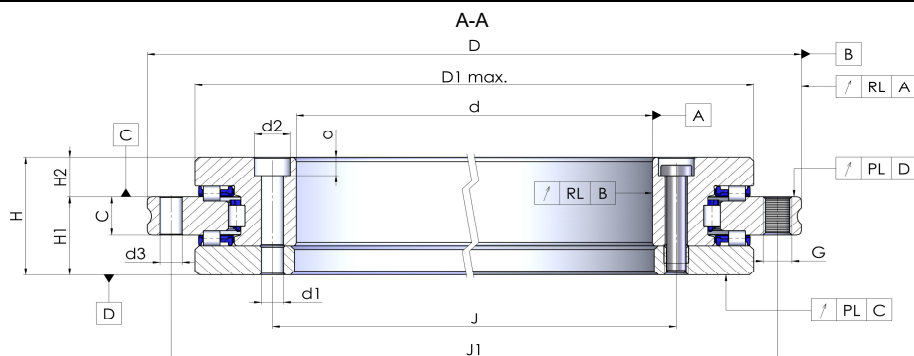


E-E
(2x 180° lubrication bore)



Drawings do not represent an original reproduction of the product. They are for illustration purposes only.

Errors in the data sheet remain reserved. myonic reserves the right to make unilateral technical changes to the data sheet at any time.



DIMENSIONS

d	100 mm	0 mm -0,01 mm	Bore diameter
D	185 mm	0 mm -0,015 mm	Outside diameter
H	38 mm		Height
H1	25 mm	0,025 mm -0,025 mm	Connection dimension H1
H2	13 mm		Connection dimension H2; standard
H2	13 mm	0,025 mm -0,025 mm	Connection dimension H2; restricted (ordering code -H2)
C	12 mm		Width outer ring
D1 max	160 mm		Maximum bore diameter inner ring
J	112 mm		Pitch circle diameter fixing holes inner ring
J1	170 mm		Pitch circle diameter fixing holes outer ring
d1	5,6 mm		Diameter fixing holes inner ring
d2	10 mm		Counterbore diameter fixing holes inner ring
a	5,4 mm		Counterbore depth fixing holes inner ring
	16		Quantity fixing holes inner ring
d3	5,6 mm		Diameter fixing holes outer ring
	15		Quantity fixing holes outer ring
n x t	18 x 20°		Quantity x pitch angle fixing holes
G	M6		Extraction threads outer ring
	3 x 120°		Quantity x pitch angle extraction threads
M _A	8,5 Nm		Screw tightening torque
	2		Quantity retaining screws
J _{SB}	117 mm		Pitch circle diameter sensor bore inner ring
d _{SB}	3,2 mm		Diameter sensor bore
t _{SB}	19,4 mm		Depth sensor bore outer ring
d _{PB}	5 mm		Diameter positioning bore
t _{PB}	5 mm		Depth positioning bore
≈m	3,5 kg		Weight

PERFORMANCE DATA

For further details on this bearing please contact our application engineering under MTC-Engineering@myonic.com