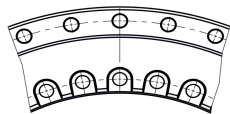


AXRY 325-NGS

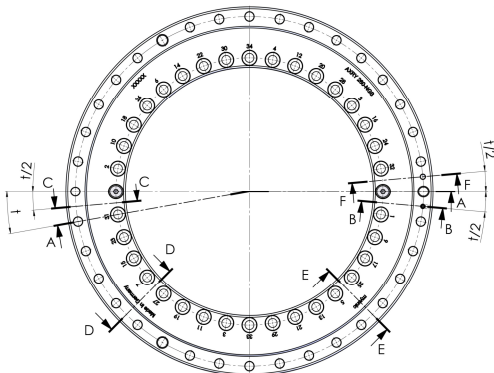
Axial-radial-bearing



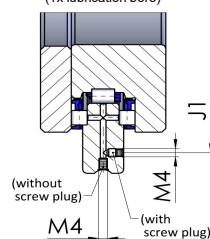
Technical data sheet



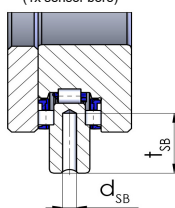
Screw counterbores in inner ring open to bearing bore. Bore diameter is not supported in this area.



B-B
(1x lubrication bore)

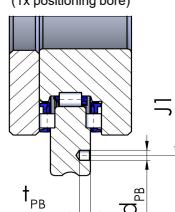


C-C
(1x sensor bore)



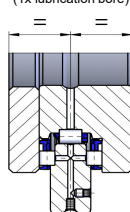
Note:
In the case of axial lubrication, please remove the screw plug and seal off the radial lubrication!

F-F
(1x positioning bore)

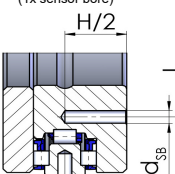


available optional design -SBI
ordering code -SBI

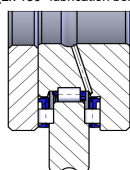
B-B
(1x lubrication bore)



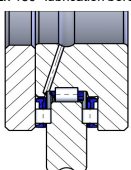
C-C
(1x sensor bore)



D-D
(2x 180° lubrication bore)

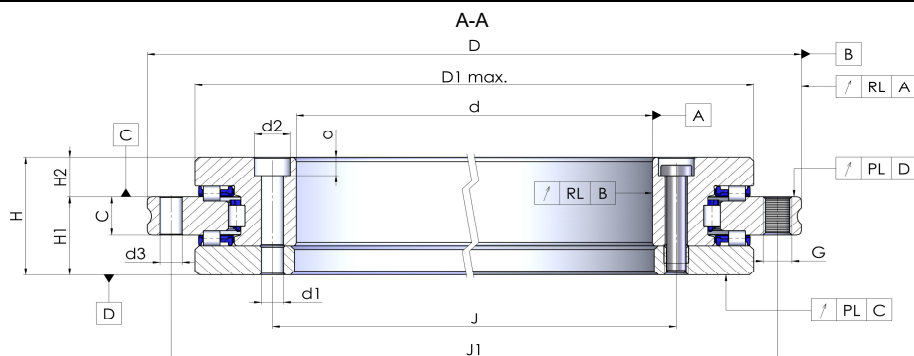


E-E
(2x 180° lubrication bore)



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	325 mm	0 mm -0,023 mm	Bore diameter
D	450 mm	0 mm -0,023 mm	Outside diameter
H	60 mm		Height
H1	40 mm	0,05 mm -0,05 mm	Connection dimension H1
H2	20 mm		Connection dimension H2; standard
H2	20 mm	0,025 mm -0,025 mm	Connection dimension H2; restricted (ordering code -H2)
C	20 mm		Width outer ring
D1 max	415 mm		Maximum bore diameter inner ring
J	342 mm		Pitch circle diameter fixing holes inner ring
J1	430 mm		Pitch circle diameter fixing holes outer ring
d1	9,3 mm		Diameter fixing holes inner ring
d2	15 mm		Counterbore diameter fixing holes inner ring
a	8,6 mm		Counterbore depth fixing holes inner ring
	34		Quantity fixing holes inner ring
d3	9,3 mm		Diameter fixing holes outer ring
	33		Quantity fixing holes outer ring
n x t	36 x 10°		Quantity x pitch angle fixing holes
G	M12		Extraction threads outer ring
	3 x 120°		Quantity x pitch angle extraction threads
MA	34 Nm		Screw tightening torque
	2		Quantity retaining screws
JSB	360,8 mm		Pitch circle diameter sensor bore inner ring
dSB	6,2 mm		Diameter sensor bore
tSB	26,6 mm		Depth sensor bore outer ring
dPB	5 mm		Diameter positioning bore
tPB	5 mm		Depth positioning bore
m	23,9 kg		Weight

PERFORMANCE DATA

Cr	115,6 kN	Dynamic load rating, radial
C0r	345,4 kN	Static load rating, radial
Ca	188,0 kN	Dynamic load rating, axial
C0a	1277,6 kN	Static load rating, axial
caL	10,3 kN/μm	Axial rigidity of bearing position
crL	5,2 kN/μm	Radial rigidity of bearing position
ckL	193,4 kNm/mrad	Tilting rigidity of bearing position
MA	2787 kg*cm ²	Mass moment of inertia for rotating outer ring
MI	4035 kg*cm ²	Mass moment of inertia for rotating inner ring
nG	1000 1/min	Limiting speed (please contact us in case of long duty cycle)
PL & RL	6 μm	Axial and radial runout; standard
PL & RL	3 μm	Axial and radial runout; restricted (ordering code -PRR50)