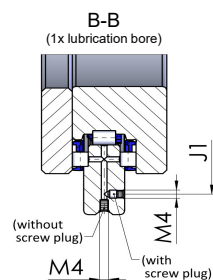
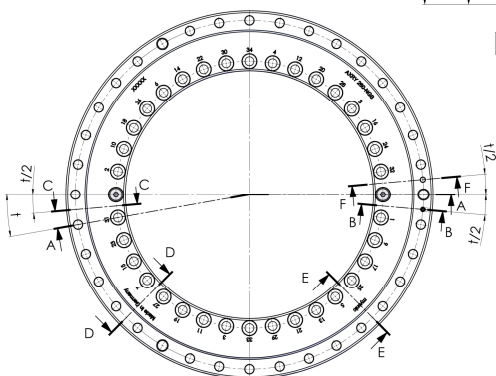


AXRY 120-NGS

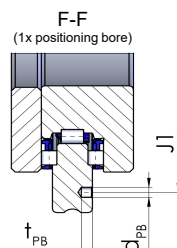
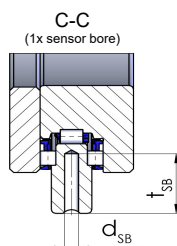
Axial-radial-bearing



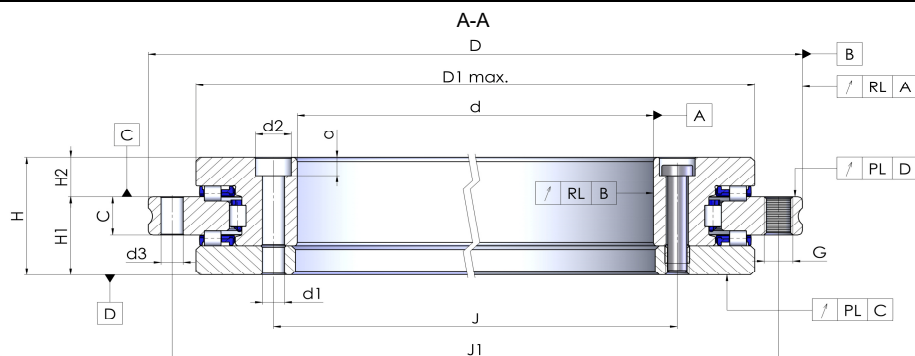
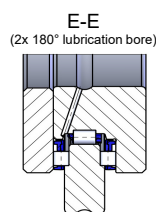
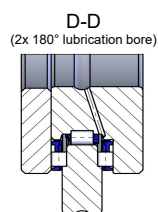
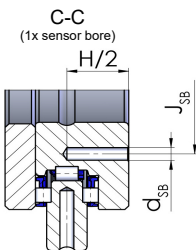
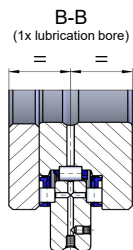
Technical data sheet



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



available optional design -SBI
ordering code -SBI



DIMENSIONS

d	120 mm	0 mm -0,01 mm	Bore diameter
D	210 mm	0 mm -0,015 mm	Outside diameter
H	40 mm		Height
H1	26 mm	0,025 mm -0,025 mm	Connection dimension H1
H2	14 mm		Connection dimension H2; standard
H2	14 mm	0,025 mm -0,025 mm	Connection dimension H2; restricted (ordering code -H2)
C	12 mm		Width outer ring
D1 max	184 mm		Maximum bore diameter inner ring
J	135 mm		Pitch circle diameter fixing holes inner ring
J1	195 mm		Pitch circle diameter fixing holes outer ring
d1	7 mm		Diameter fixing holes inner ring
d2	11 mm		Counterbore diameter fixing holes inner ring
a	6,4 mm		Counterbore depth fixing holes inner ring
	22		Quantity fixing holes inner ring
d3	7 mm		Diameter fixing holes outer ring
	21		Quantity fixing holes outer ring
n x t	24 x 15°		Quantity x pitch angle fixing holes
G	M8		Extraction threads outer ring
	3 x 120°		Quantity x pitch angle extraction threads
MA	14 Nm		Screw tightening torque
	2		Quantity retaining screws
JSB	140,8 mm		Pitch circle diameter sensor bore inner ring
dSB	3,2 mm		Diameter sensor bore
tSB	21 mm		Depth sensor bore outer ring
dPB	5 mm		Diameter positioning bore
tPB	5 mm		Depth positioning bore
m	4,5 kg		Weight

PERFORMANCE DATA

Cr	40,1 kN	Dynamic load rating, radial
C0r	82,8 kN	Static load rating, radial
Ca	100,4 kN	Dynamic load rating, axial
C0a	484,7 kN	Static load rating, axial
caL	4,1 kN/μm	Axial rigidity of bearing position
crL	1,9 kN/μm	Radial rigidity of bearing position
ckL	14,2 kNm/mrad	Tilting rigidity of bearing position
MA	120 kg*cm ²	Mass moment of inertia for rotating outer ring
MI	112 kg*cm ²	Mass moment of inertia for rotating inner ring
nG	2150 1/min	Limiting speed (please contact us in case of long duty cycle)
PL & RL	3 μm	Axial and radial runout; standard
PL & RL	1,5 μm	Axial and radial runout; restricted (ordering code -PRR50)

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.