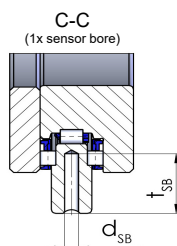
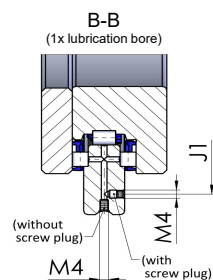
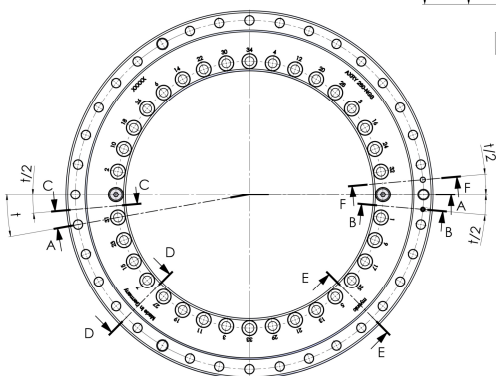


AXRY 460-NGS

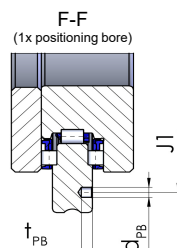
Axial-radial-bearing



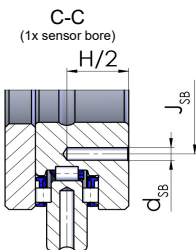
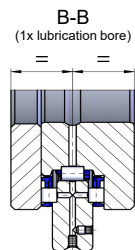
Technical data sheet



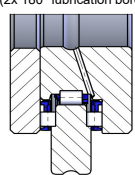
Note:
In the case of axial lubrication,
please remove the screw plug
and seal off the radial lubrication!



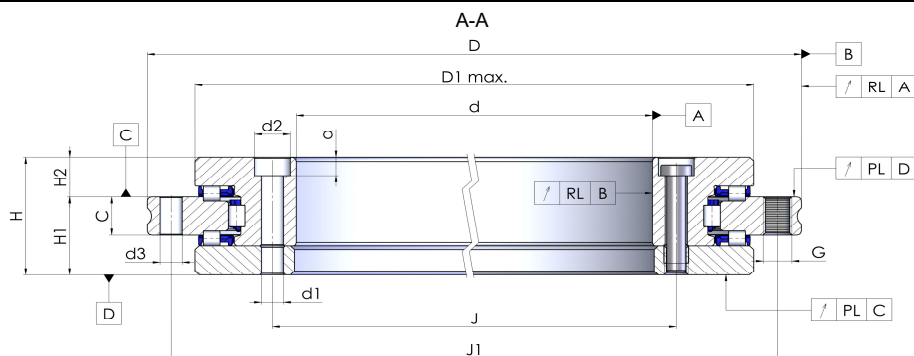
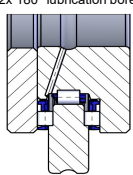
available optional design -SBI
ordering code -SBI



D-D (2x 180° lubrication bore)



E-E (2x 180° lubrication bore)



DIMENSIONS

d	460 mm	0 mm -0,023 mm	Bore diameter
D	600 mm	0 mm -0,028 mm	Outside diameter
H	70 mm		Height
H1	46 mm	0,06 mm -0,06 mm	Connection dimension H1
H2	24 mm		Connection dimension H2; standard
H2	24 mm	0,03 mm -0,03 mm	Connection dimension H2; restricted (ordering code -H2)
C	22 mm		Width outer ring
D1 max	560 mm		Maximum bore diameter inner ring
J	482 mm		Pitch circle diameter fixing holes inner ring
J1	580 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
	46		Quantity fixing holes inner ring
d3	9,3 mm		Diameter fixing holes outer ring
	45		Quantity fixing holes outer ring
n x t	48 x 7,5°		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
J _{SB}	503,8 mm		Pitch circle diameter sensor bore inner ring
d _{SB}	6,2 mm		Diameter sensor bore
t _{SB}	29,1 mm		Depth sensor bore outer ring
d _{PB}	5 mm		Diameter positioning bore
t _{PB}	5 mm		Depth positioning bore
m	42,4 kg		Weight

PERFORMANCE DATA

C _r	177,1 kN	Dynamic load rating, radial
C _{0r}	605,6 kN	Static load rating, radial
C _a	190,9 kN	Dynamic load rating, axial
C _{0a}	1427,9 kN	Static load rating, axial
c _{aL}	12,9 kN/μm	Axial rigidity of bearing position
c _{rL}	7,5 kN/μm	Radial rigidity of bearing position
c _{kL}	455,1 kNm/mrad	Tilting rigidity of bearing position
M _{MA}	8130 kg*cm ²	Mass moment of inertia for rotating outer ring
M _{MI}	14695 kg*cm ²	Mass moment of inertia for rotating inner ring
n _G	700 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)

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.