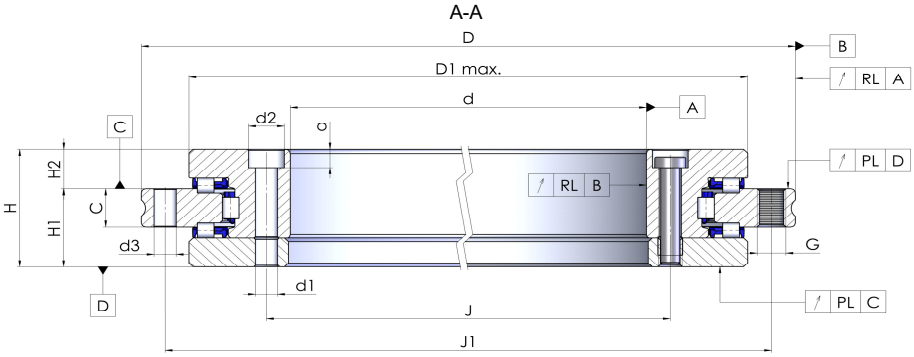
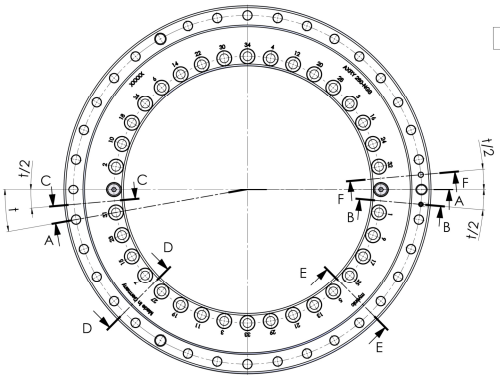
AXRY 395-NGS

Axial-radial-bearing

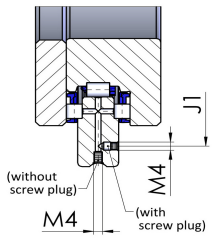
myonic
MinebeaMitsumi Group

Technical data sheet

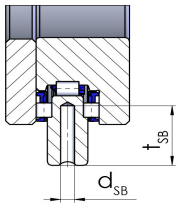




B-B
(1x lubrication bore)

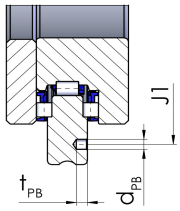


C-C
(1x sensor bore)



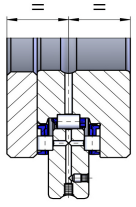
Note:
In the case of axial lubrication, please remove the screw plug and seal off the radial lubrication!

F-F
(1x positioning bore)

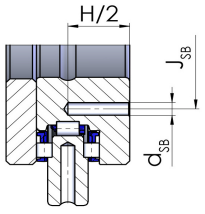


available optional design -SBI
ordering code -SBI

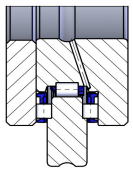
B-B
(1x lubrication bore)



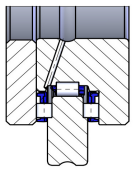
C-C
(1x sensor bore)



D-D
(2x 180° lubrication bore)



E-E
(2x 180° lubrication bore)



DIMENSIONS			
d	395 mm	0 mm -0,023 mm	Bore diameter
D	525 mm	0 mm -0,028 mm	Outside diameter
H	65 mm		Height
H1	42,5 mm	0,05 mm -0,05 mm	Connection dimension H1
H2	22,5 mm		Connection dimension H2; standard
H2	22,5 mm	0,025 mm -0,025 mm	Connection dimension H2; restricted (ordering code -H2)
C	20 mm		Width outer ring
D1 max	486 mm		Maximum bord diameter inner ring
J	415 mm		Pitch circle diameter fixing holes inner ring
J1	505 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
M_A	34 Nm		Screw tightening torque
	2		Quantity retaining screws
J_{SB}	431,2 mm		Pitch circle diameter sensor bore inner ring
d_{SB}	6,2 mm		Diameter sensor bore
t_{SB}	28,8 mm		Depth sensor bore outer ring
d_{PB}	5 mm		Diameter positioning bore
t_{PB}	5 mm		Depth positioning bore
≈m	31,6 kg		Weight

PERFORMANCE DATA		
C_r	154,1 kN	Dynamic load rating, radial
C_{0r}	529,8 kN	Static load rating, radial
C_a	212,5 kN	Dynamic load rating, axial
C_{0a}	1578,2 kN	Static load rating, axial
c_{aL}	12,9 kN/µm	Axial rigidity of bearing position
c_{rL}	7,2 kN/µm	Radial rigidity of bearing position
c_{kL}	337,5 kNm/mrad	Tilting rigidity of bearing position
M_{MA}	4786 kg*cm²	Mass moment of inertia for rotating outer ring
M_{MI}	7470 kg*cm²	Mass moment of inertia for rotating inner ring
n_G	800 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)

08.11.2022