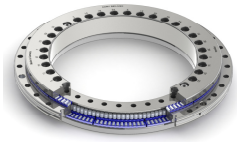
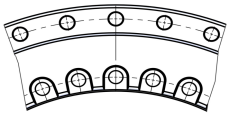
AXRY 325-NGX

Axial-radial-bearing



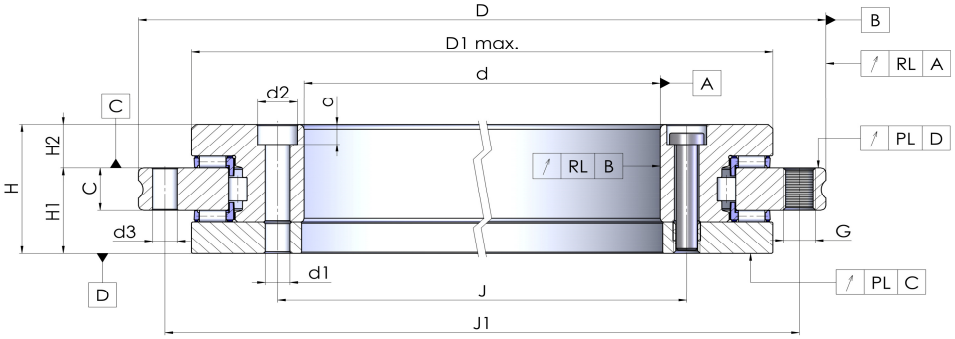
myonic
MinebeaMitsumi Group

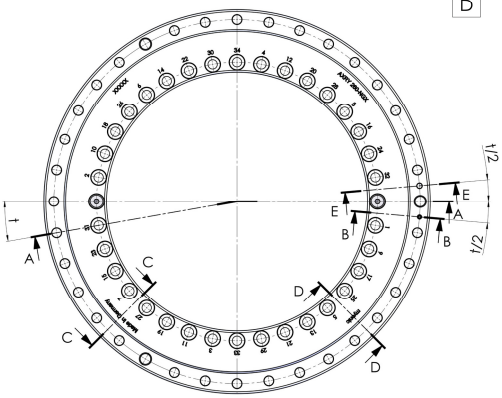
Technical data sheet



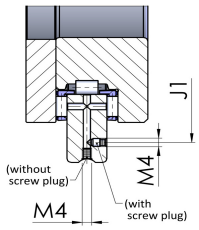
Screw counterbores in inner ring open to bearing bore. Bore diameter is not supported in this area.

A-A



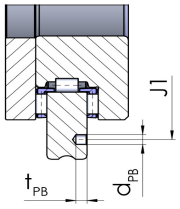


B-B
(1x lubrication bore)



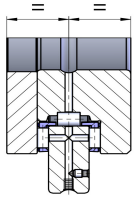
Note:
In the case of axial lubrication, please remove the screw plug and seal off the radial lubrication!

E-E
(1x positioning bore)

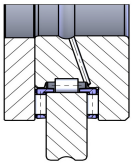


available optional design -SBI
ordering code -SBI

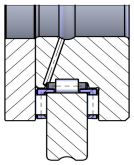
B-B
(1x lubrication bore)



C-C
(2x 180° lubrication bore)



D-D
(2x 180° lubrication bore)



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	0,025 mm -0,025 mm	Connection dimension H2
C	20 mm		Width outer ring
D1 max	415 mm		Maximum bord 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
M_A	34 Nm		Screw tightening torque
	2		Quantity retaining screws
d_{PB}	5 mm		Diameter positioning bore
t_{PB}	5 mm		Depth positioning bore
≈m	24,5 kg		Weight

PERFORMANCE DATA		
C_r	181,7 kN	Dynamic load rating, radial
C_{0r}	531,4 kN	Static load rating, radial
C_a	249,3 kN	Dynamic load rating, axial
C_{0a}	1900,8 kN	Static load rating, axial
c_{aL}	15,2 kN/µm	Axial rigidity of bearing position
c_{rL}	7,2 kN/µm	Radial rigidity of bearing position
c_{kL}	272,1 kNm/mrad	Tilting rigidity of bearing position
n_G	200 1/min	Limiting speed (please contact us in case of long duty cycle)
M_R	13 Nm	Bearing friction torque (reference value)
PL & RL	6 µm	Axial and radial runout; standard
PL & RL	3 µm	Axial and radial runout; restricted (ordering code -PRR50)

09.11.2022