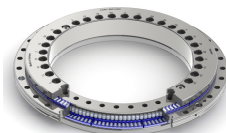
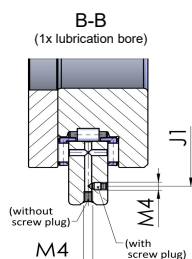
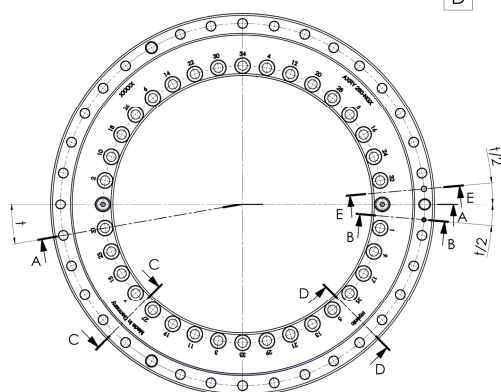
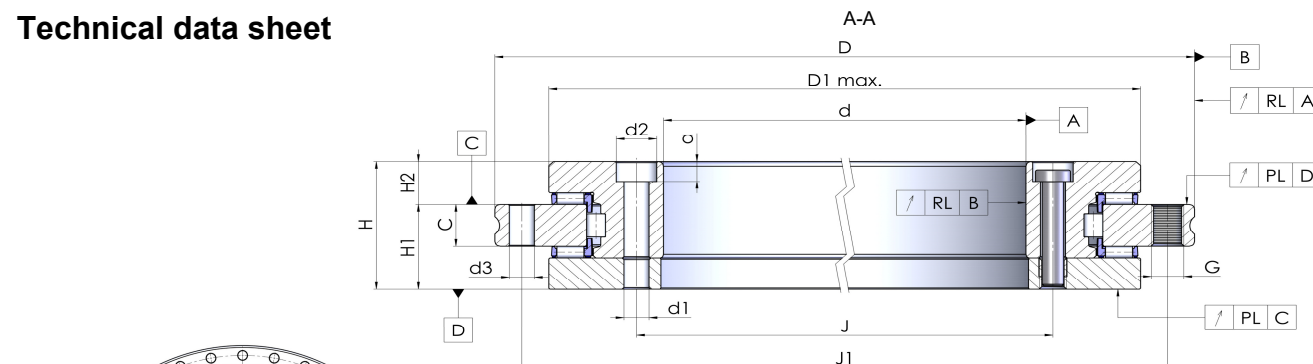


AXRY 650-NGX

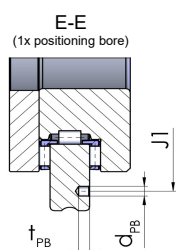
Axial-radial-bearing



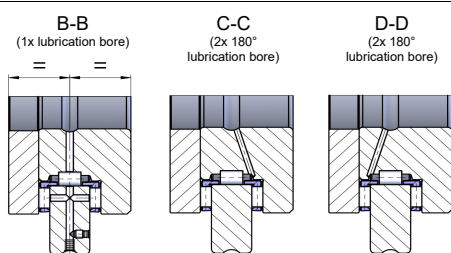
Technical data sheet



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	650 mm	0 mm -0,038 mm	Bore diameter
D	870 mm	0 mm -0,05 mm	Outside diameter
H	122 mm		Height
H1	78 mm	0,25 mm -0,25 mm	Connection dimension H1; standard
H1	78 mm	0,1 mm -0,1 mm	Connection dimension H1; restricted (ordering code -H1)
H2	44 mm	0,25 mm -0,25 mm	Connection dimension H2; standard
H2	44 mm	0,03 mm -0,03 mm	Connection dimension H2; restricted (ordering code -H2)
C	34 mm		Width outer ring
D1 max	800 mm		Maximum bore diameter inner ring
J	680 mm		Pitch circle diameter fixing holes inner ring
J1	830 mm		Pitch circle diameter fixing holes outer ring
d1	14 mm		Diameter fixing holes inner ring
d2	20 mm		Counterbore diameter fixing holes inner ring
a	12,6 mm		Counterbore depth fixing holes inner ring
	46		Quantity fixing holes inner ring
d3	14 mm		Diameter fixing holes outer ring
	42		Quantity fixing holes outer ring
n x t	48 x 7,5°		Quantity x pitch angle fixing holes
G	M12		Extraction threads outer ring
	6 x 60°		Quantity x pitch angle extraction threads
MA	116 Nm		Screw tightening torque
	2		Quantity retaining screws
dPB	10 mm		Diameter positioning bore
tPB	10 mm		Depth positioning bore
m	165,2 kg		Weight

PERFORMANCE DATA

Cr	459,6 kN	Dynamic load rating, radial
C0r	1317,1 kN	Static load rating, radial
Ca	1010,7 kN	Dynamic load rating, axial
C0a	7682,4 kN	Static load rating, axial
caL	27,1 kN/μm	Axial rigidity of bearing position
crL	9,7 kN/μm	Radial rigidity of bearing position
ckL	1880,1 kNm/mrad	Tilting rigidity of bearing position
nG	70 1/min	Limiting speed (please contact us in case of long duty cycle)
MR	70 Nm	Bearing friction torque (reference value)
PL & RL	10 μm	Axial and radial runout; standard
PL & RL	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.