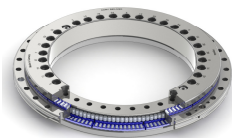
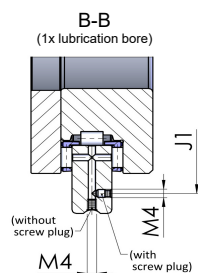
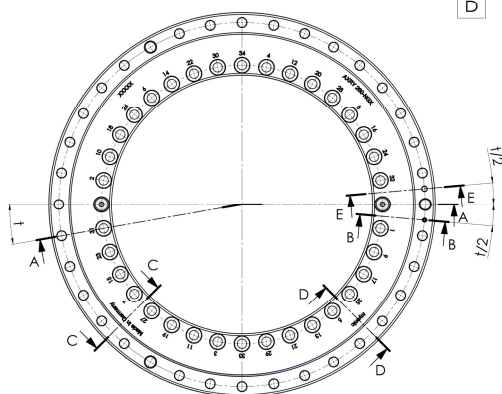
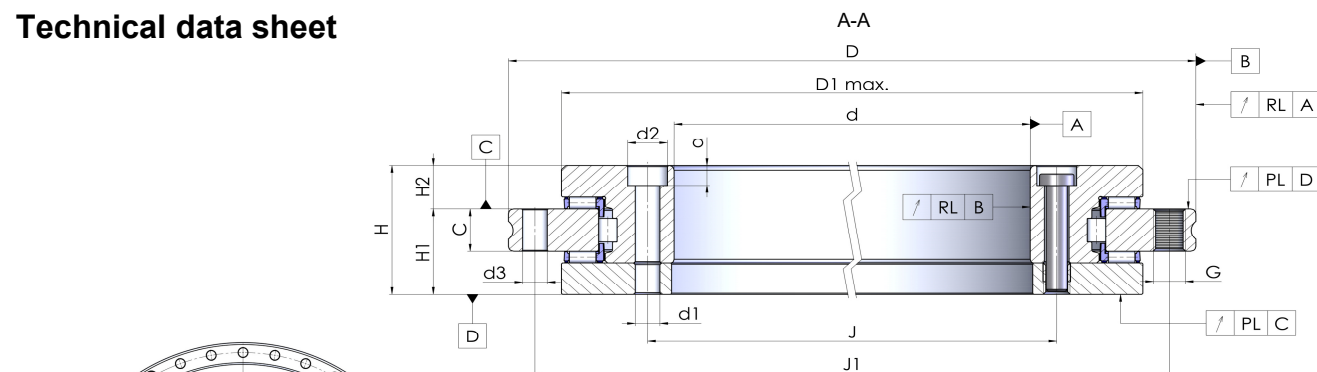


AXRY 180-NGX

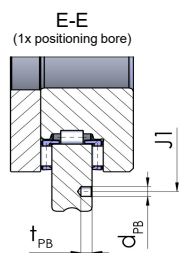
Axial-radial-bearing



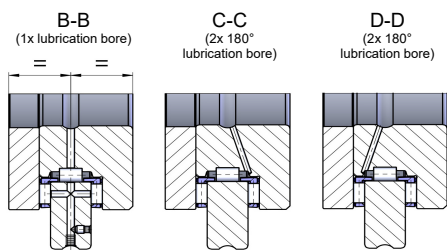
Technical data sheet



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	180 mm	0 mm -0,013 mm	Bore diameter
D	280 mm	0 mm -0,018 mm	Outside diameter
H	43 mm		Height
H1	29 mm	0,03 mm -0,03 mm	Connection dimension H1
H2	14 mm	0,025 mm -0,025 mm	Connection dimension H2
C	15 mm		Width outer ring
D1 max	244 mm		Maximum bore diameter inner ring
J	194 mm		Pitch circle diameter fixing holes inner ring
J1	260 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
d3	46		Quantity fixing holes inner ring
d3	7 mm		Diameter fixing holes outer ring
d3	45		Quantity fixing holes outer ring
n x t	48 x 7,5°		Quantity x pitch angle fixing holes
G	M8		Extraction threads outer ring
G	3 x 120°		Quantity x pitch angle extraction threads
MA	14 Nm		Screw tightening torque
MA	2		Quantity retaining screws
dPB	5 mm		Diameter positioning bore
tPB	5 mm		Depth positioning bore
≈m	7,1 kg		Weight

PERFORMANCE DATA

C _r	99,4 kN	Dynamic load rating, radial
C _{0r}	200,3 kN	Static load rating, radial
C _a	139,3 kN	Dynamic load rating, axial
C _{0a}	755,0 kN	Static load rating, axial
C _{aL}	8,1 kN/μm	Axial rigidity of bearing position
C _{rL}	3,3 kN/μm	Radial rigidity of bearing position
C _{kL}	51,1 kNm/mrad	Tilting rigidity of bearing position
n _G	600 1/min	Limiting speed (please contact us in case of long duty cycle)
M _R	5 Nm	Bearing friction torque (reference value)
PL & RL	4 μm	Axial and radial runout; standard
PL & RL	2 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.