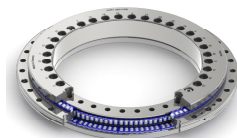
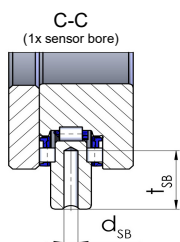
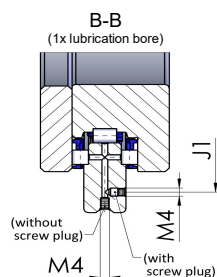
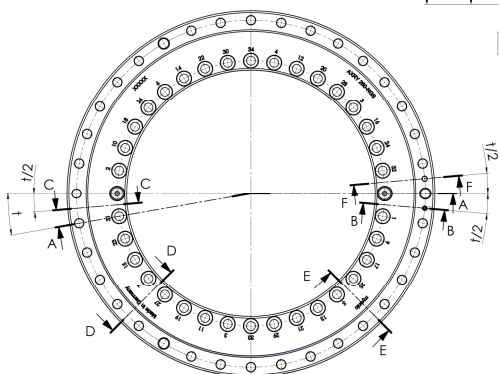


AXRY 580-NGS

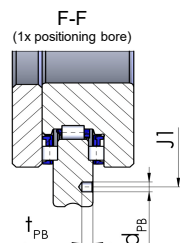
Axial-radial-bearing



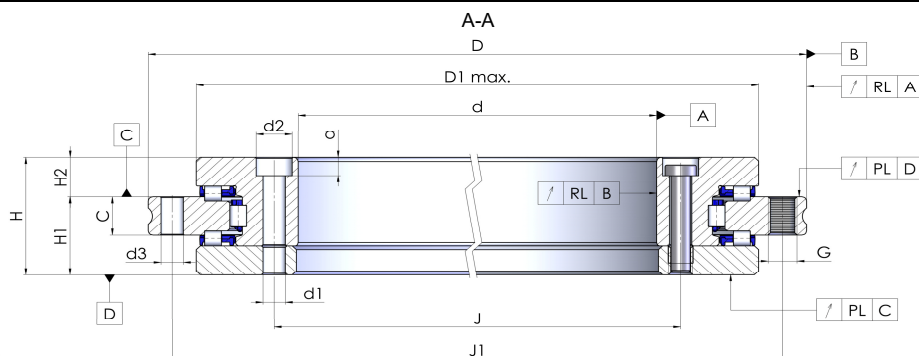
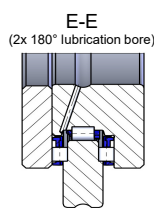
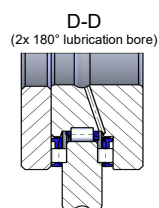
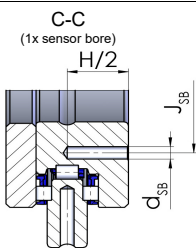
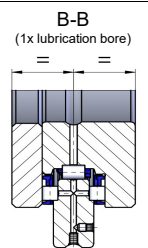
Technical data sheet



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



DIMENSIONS

d	580 mm	0 mm -0,025 mm	Bore diameter
D	750 mm	0 mm -0,035 mm	Outside diameter
H	90 mm		Height
H1	60 mm	0,25 mm -0,25 mm	Connection dimension H1; standard
H1	60 mm	0,075 mm -0,075 mm	Connection dimension H1; restricted (ordering code -H1)
H2	30 mm		Connection dimension H2; standard
H2	30 mm	0,03 mm -0,03 mm	Connection dimension H2; restricted (ordering code -H2)
C	30 mm		Width outer ring
D1 max	700 mm		Maximum bore diameter inner ring
J	610 mm		Pitch circle diameter fixing holes inner ring
J1	720 mm		Pitch circle diameter fixing holes outer ring
d1	11,4 mm		Diameter fixing holes inner ring
d2	18 mm		Counterbore diameter fixing holes inner ring
a	10,6 mm		Counterbore depth fixing holes inner ring
	46		Quantity fixing holes inner ring
d3	11,4 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	68 Nm		Screw tightening torque
	2		Quantity retaining screws
J _{SB}	628,6 mm		Pitch circle diameter sensor bore inner ring
d _{SB}	6,2 mm		Diameter sensor bore
t _{SB}	39,7 mm		Depth sensor bore outer ring
d _{PB}	8 mm		Diameter positioning bore
t _{PB}	8 mm		Depth positioning bore
≈m	84,8 kg		Weight

PERFORMANCE DATA

C _r	251,6 kN	Dynamic load rating, radial
C _{0r}	867,2 kN	Static load rating, radial
C _a	484,7 kN	Dynamic load rating, axial
C _{0a}	3492,7 kN	Static load rating, axial
c _{aL}	16,9 kN/μm	Axial rigidity of bearing position
c _{rL}	8,8 kN/μm	Radial rigidity of bearing position
c _{kL}	917,2 kNm/mrad	Tilting rigidity of bearing position
M _{MA}	28467 kg*cm ²	Mass moment of inertia for rotating outer ring
M _{MI}	42140 kg*cm ²	Mass moment of inertia for rotating inner ring
n _G	500 1/min	Limiting speed (please contact us in case of long duty cycle)
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.