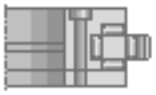


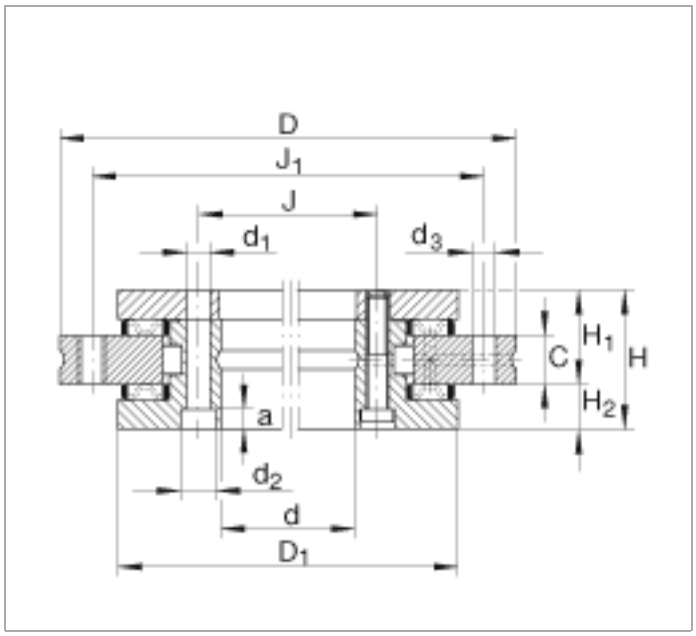
Axial/radial bearings YRT580 (Series YRT)

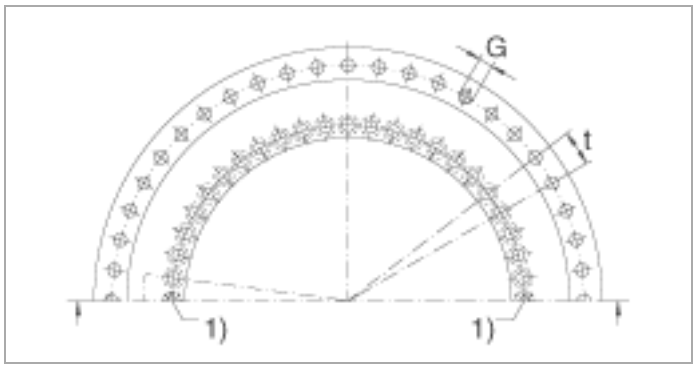
double direction, for screw mounting

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	580	mm	Sizes d > 1030 mm available by agreement
D	750	mm	
H	90	mm	
	46		Number of fixing holes in inner ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	42		Number of fixing holes in outer ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	2		Number of retaining screws
	6		Number of extraction threads
1)			Retaining screws
a	11	mm	Fixing holes in inner ring
C	30	mm	
d_1	11,4	mm	Fixing holes in inner ring
D_1 max	700	mm	
d_2	18	mm	Fixing holes in inner ring
d_3	11,4	mm	Fixing holes in outer ring
G	M12		Extraction thread
H_1	60	mm	
H_2	30	mm	
J	610	mm	Fixing holes in inner ring
J_1	720	mm	Fixing holes in outer ring
t	48 X 7,5°		Pitch t

			Including retaining screws and extraction threads Quantity X t
m	89	kg	Mass
M_A	68	Nm	Screw tightening torque Tightening torque for screws to DIN 912, grade 10.9.
C_a	390000	N	Basic dynamic load rating, axial
C_{0a}	3600000	N	Basic static load rating, axial
C_r	211000	N	Basic dynamic load rating, radial
C_{0r}	820000	N	Basic static load rating, radial
n_G	60	1/min	Limiting speed For high operating durations or continuous operation, please contact us.
M_R	140	Nm	Bearing frictional torque
c_{aL}	6900	N/µm	Axial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{rL}	9000	N/µm	Radial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{kL}	380000	Nm/mrad	Tilting rigidity of the bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{aL}	42100	N/µm	Axial rigidity of rolling element set
c_{rL}	17400	N/µm	Radial rigidity of rolling element set
c_{kL}	2062000	Nm/mrad	Tilting rigidity of rolling element set


D
J1
J
d1
d3
C
H1
H
H2
a
d2
d
D1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1)
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