



Axial/radial bearings YRT460 (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	460 mm	Sizes d > 1030 mm available by agreement
D	600 mm	
H	70 mm	
	46	Number of fixing holes in inner ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	45	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
	3	Number of extraction threads
1)		Retaining screws
a	8,2 mm	Fixing holes in inner ring
C	22 mm	
d ₁	9,3 mm	Fixing holes in inner ring
D ₁	560 mm	
max		
d ₂	15 mm	Fixing holes in inner ring
d ₃	9,3 mm	Fixing holes in outer ring
G	M12	Extraction thread
H ₁	46 mm	
H ₂	24 mm	
J	482 mm	Fixing holes in inner ring
J ₁	580 mm	Fixing holes in outer ring
t	48 X 7,5°	Pitch t

Including retaining screws and extraction threads Quantity X t		
m	45 kg	Mass
MA	34 Nm	Screw tightening torque Tightening torque for screws to DIN 912, grade 10.9.
Ca	217000 N	Basic dynamic load rating, axial
C0a	2300000 N	Basic static load rating, axial
Cr	187000 N	Basic dynamic load rating, radial
C0r	650000 N	Basic static load rating, radial
nG	80 1/min	Limiting speed For high operating durations or continuous operation, please contact us.
MR	70 Nm	Bearing frictional torque
CaL	5700 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.
CrL	7000 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.
CkL	200000 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.
CaL	33500 N/μm	Axial rigidity of rolling element set
CrL	13900 N/μm	Radial rigidity of rolling element set
CkL	1049000 Nm/mrad	Tilting rigidity of rolling element set

