



Axial/radial bearings YRT150 (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	150 mm	Sizes d > 1030 mm available by agreement
D	240 mm	
H	40 mm	
	34	Number of fixing holes in inner ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	33	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	6,2 mm	Fixing holes in inner ring
C	12 mm	
d1	7 mm	Fixing holes in inner ring
D1	214 mm	
max		
d2	11 mm	Fixing holes in inner ring
d3	7 mm	Fixing holes in outer ring
G	M8	Extraction thread
H1	26 mm	
H2	14 mm	
J	165 mm	Fixing holes in inner ring
J1	225 mm	Fixing holes in outer ring
t	36 X 10°	Pitch t

Including retaining screws and extraction threads Quantity X t		
m	6,2 kg	Mass
MA	14 Nm	Screw tightening torque Tightening torque for screws to DIN 912, grade 10.9.
Ca	85000 N	Basic dynamic load rating, axial
C0a	510000 N	Basic static load rating, axial
Cr	77000 N	Basic dynamic load rating, radial
C0r	179000 N	Basic static load rating, radial
nG	210 1/min	Limiting speed For high operating durations or continuous operation, please contact us.
MR	13 Nm	Bearing frictional torque
CaL	2300 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	2600 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	11000 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	8700 N/μm	Axial rigidity of rolling element set
CrL	4600 N/μm	Radial rigidity of rolling element set
CkL	38000 Nm/mrad	Tilting rigidity of rolling element set

