



PRODUCT DATASHEET

Datasheet creation date: 2025/06/02 8:53 (UTC)

MOTION & CONTROL
NSK



HR30226J

Metric Series Tapered Roller Bearings

Dimension series

ISO	4FB	ISO355 dimension series approx.	
Boundary Dimensions			
d	130	mm	Bore diameter
D	230	mm	Outside diameter
T	43.75	mm	Total width
B	40	mm	Width of inner ring
C	34	mm	Width of outer ring
Cup r (min.)	3	mm	Chamfer dimension of outer ring (Cup)
Cone r (min.)	4	mm	Chamfer dimension of inner ring (Cone)

Basic Load Ratings

Cr	460000	N	Basic dynamic load rating
C0r	505000	N	Basic static load rating

Speeds

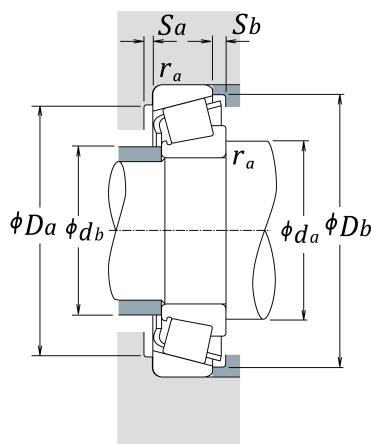
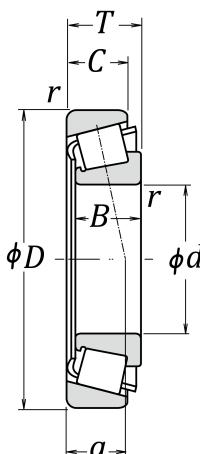
Grease	1500	min-1	Grease lubrication
Oil (Oil-bath)	2000	min-1	Oil-bath lubrication

Dimensions

a	45.8	mm	Effective load center
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Abutment and Fillet Dimensions

da (min.)	151	mm	Diameter of shaft abutment
Db (min.)	217	mm	Diameter of housing abutment
Da (min.)	205	mm	Diameter of housing abutment
Da (max.)	216	mm	Diameter of housing abutment
Sa	7	mm	Minimum width of space required in housing on large side face
Sb	9.5	mm	Minimum width of space required in housing on small side face
db (max.)	151	mm	Diameter of shaft abutment
ra (max.)	3	mm	Radius of shaft or housing fillet of inner ring
ra (max.)	2.5	mm	Radius of shaft or housing fillet of outer ring



Calculation factors

e	0.44	Constant
Y0	0.76	Axial load Factors



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Y1

1.4

Axial load Factors

Mass

Mass approx.

7.25

kg

Mass approx.