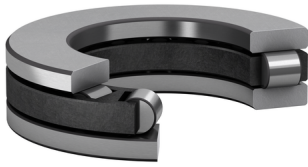


81103 TN

- Popular item



Cylindrical roller thrust bearings

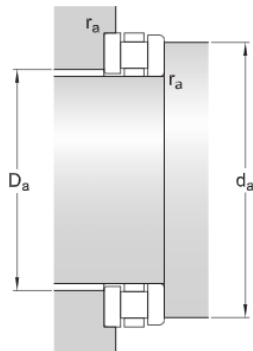
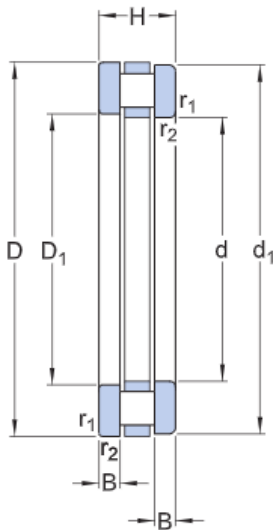
Bearing data, Design considerations

Tolerances,
table, table, values,Design considerations,
table

Bearing interfaces

Seat tolerances for standard
conditions

Technical specification



DIMENSIONS

d	17 mm	Bore diameter
D	30 mm	Outside diameter
H	9 mm	Nominal height
d ₁	30 mm	Outside diameter shaft washer
D ₁	18 mm	Bore diameter housing washer
B	2.75 mm	Height shaft washer
r _{1,2}	min.0.3 mm	Chamfer dimension housing washer

ABUTMENT DIMENSIONS

da	min.29 mm	Abutment diameter shaft
Da	max.18 mm	Abutment diameter housing
ra	max.0.3 mm	Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	12.2 kN
Basic static load rating	C ₀	31.5 kN
Fatigue load limit	P _u	2.85 kN
Reference speed		4 300 r/min
Limiting speed		8 500 r/min
Minimum axial load factor	A	0

MASS

Mass bearing	0.027 kg
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INCLUDED PRODUCTS

Roller and cage thrust assembly	K 81103 TN
Shaft washer	WS 81103
Housing washer	GS 81103