

# SKF 89311TN thrust roller bearings

Find the discount SKF 89311TN thrust roller bearings online you 10 Outer Diameter (mm) need . We offer ... If you check out our large selection of SKF 89311TN thrust roller bearings 19x10x5 Size (mm) once .

Size (mm)	19x10x5
Bore Diameter (mm)	19
Outer Diameter (mm)	10
Width (mm)	5
d	10 mm
D	19 mm
B	5 mm
d1	13.1 mm
d2	13.1 mm
D1	16.1 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.15 mm
a	4.5 mm
da – min.	12 mm
db – min.	12 mm
Da – max.	17 mm
Db – max.	18.2 mm
ra – max.	0.3 mm
rb – max.	0.15 mm
dn	13.4 mm
Basic dynamic load rating – C	1.9 kN

Basic static load rating – C0	0.98 kN
Fatigue load limit – Pu	0.043 kN
Limiting speed for grease lubrication	95000 r/min
Limiting speed for oil lubrication	150000 mm/min
Ball – Dw	2.381 mm
Ball – z	12
Gref	0.06 cm <sup>3</sup>
Calculation factor – f0	15
Preload class A – GA	10 N
Preload class B – GB	30 N
Preload class C – GC	60 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.1
Calculation factor – f2C	1.18
Calculation factor – fHC	1.02
Preload class A	14 N/micron
Preload class B	24 N/micron
Preload class C	36 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
da min.	12 mm
db min.	12 mm
Da max.	17 mm
Db max.	18.2 mm
ra max.	0.3 mm
rb max.	0.15 mm
Basic dynamic load rating C	1.9 kN
Basic static load rating C0	0.98 kN

Fatigue load limit $P_u$	0.043 kN
Attainable speed for grease lubrication	95000 r/min
Attainable speed for oil-air lubrication	150000 r/min
Ball diameter $D_w$	2.381 mm
Number of balls $z$	12
Reference grease quantity $G_{ref}$	0.06 cm <sup>3</sup>
Preload class A $G_A$	10 N
Static axial stiffness, preload class A	14 N/ $\mu$ m
Preload class B $G_B$	30 N
Static axial stiffness, preload class B	24 N/ $\mu$ m
Preload class C $G_C$	60 N
Static axial stiffness, preload class C	36 N/ $\mu$ m
Calculation factor $f$	1.05
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.1
Calculation factor $f_{2C}$	1.18
Calculation factor $f_{HC}$	1.02
Calculation factor $f_0$	15
Mass bearing	0.005 kg