

# Toyana 32016 tapered roller bearings

High Quality Toyana 32016 tapered roller bearings. Competitive Pricing. Accept Small Order. Easy and Fast 47x30x9 Size (mm) Shipping.

Size (mm)	47x30x9
Bore Diameter (mm)	47
Outer Diameter (mm)	30
Width (mm)	9
d	30 mm
D	47 mm
B	9 mm
d1	35.6 mm
d2	35.6 mm
D1	41.4 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	9.7 mm
da – min.	32 mm
db – min.	32 mm
Da – max.	45 mm
Db – max.	45.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
dn	36.8 mm
Basic dynamic load rating – C	7.2 kN
Basic static load rating – C0	4.6 kN

Fatigue load limit – Pu	0.193 kN
Limiting speed for grease lubrication	38000 r/min
Limiting speed for oil lubrication	53000 mm/min
Ball – Dw	4.762 mm
Ball – z	20
Gref	0.63 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	10.4
Preload class A – GA	25 N
Preload class B – GB	50 N
Preload class C – GC	100 N
Preload class D – GD	200 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.07
Calculation factor – f <sub>2C</sub>	1.12
Calculation factor – f <sub>2D</sub>	1.18
Calculation factor – f <sub>HC</sub>	1.04
Preload class A	29 N/micron
Preload class B	39 N/micron
Preload class C	53 N/micron
Preload class D	74 N/micron
r <sub>1,2</sub> min.	0.3 mm
r <sub>3,4</sub> min.	0.2 mm
d <sub>a</sub> min.	32 mm
d <sub>b</sub> min.	32 mm
D <sub>a</sub> max.	45 mm
D <sub>b</sub> max.	45.6 mm
r <sub>a</sub> max.	0.3 mm
r <sub>b</sub> max.	0.2 mm

Basic dynamic load rating C	7.15 kN
Basic static load rating C <sub>0</sub>	4.55 kN
Fatigue load limit P <sub>u</sub>	0.193 kN
Attainable speed for grease lubrication	38000 r/min
Attainable speed for oil-air lubrication	53000 r/min
Ball diameter D <sub>w</sub>	4.762 mm
Number of balls z	20
Reference grease quantity G <sub>ref</sub>	0.63 cm <sup>3</sup>
Preload class A G <sub>A</sub>	25 N
Static axial stiffness, preload class A	29 N/μm
Preload class B G <sub>B</sub>	50 N
Static axial stiffness, preload class B	39 N/μm
Preload class C G <sub>C</sub>	100 N
Static axial stiffness, preload class C	53 N/μm
Preload class D G <sub>D</sub>	200 N
Static axial stiffness, preload class D	74 N/μm
Calculation factor f	1.08
Calculation factor f <sub>1</sub>	1
Calculation factor f <sub>2A</sub>	1
Calculation factor f <sub>2B</sub>	1.07
Calculation factor f <sub>2C</sub>	1.12
Calculation factor f <sub>2D</sub>	1.18
Calculation factor f <sub>HC</sub>	1.04
Calculation factor f <sub>0</sub>	10.4
Mass bearing	0.045 kg