

# FAG 32026-X-XL-DF-A125-175 tapered roller bearings

The online FAG 32026-X-XL-DF-A125-175 tapered roller bearings parts store 68x40x15 Size (mm) gives you immediate access to a selection of 68 Bore Diameter (mm) more than 1.4 million new, used, remanufactured.

Size (mm)	68x40x15
Bore Diameter (mm)	68
Outer Diameter (mm)	40
Width (mm)	15
d	40 mm
D	68 mm
B	15 mm
d1	49.7 mm
d2	47.6 mm
D1	58.25 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	20.3 mm
da – min.	44.6 mm
db – min.	44.6 mm
Da – max.	63.4 mm
Db – max.	63.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	51.6 mm
Basic dynamic load rating – C	11.7 kN

Basic static load rating – C <sub>0</sub>	7.2 kN
Fatigue load limit – P <sub>u</sub>	0.305 kN
Limiting speed for grease lubrication	27000 r/min
Limiting speed for oil lubrication	41000 mm/min
Ball – D <sub>w</sub>	7.144 mm
Ball – z	19
G <sub>ref</sub>	2.8 cm <sup>3</sup>
Calculation factor – e	0.68
Calculation factor – Y <sub>2</sub>	1.41
Calculation factor – Y <sub>0</sub>	0.76
Calculation factor – X <sub>2</sub>	0.67
Calculation factor – Y <sub>1</sub>	0.92
Preload class A – G <sub>A</sub>	105 N
Preload class B – G <sub>B</sub>	310 N
Preload class C – G <sub>C</sub>	630 N
Calculation factor – f	1.06
Calculation factor – f <sub>1</sub>	0.99
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.03
Calculation factor – f <sub>2C</sub>	1.06
Calculation factor – f <sub>HC</sub>	1
Preload class A	87 N/micron
Preload class B	129 N/micron
Preload class C	169 N/micron
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	44.6 mm
d <sub>b</sub> min.	44.6 mm
D <sub>a</sub> max.	63.4 mm

Db max.	63.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	11.7 kN
Basic static load rating C0	7.2 kN
Fatigue load limit Pu	0.305 kN
Attainable speed for grease lubrication	27000 r/min
Attainable speed for oil-air lubrication	41000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	19
Reference grease quantity Gref	2.8 cm <sup>3</sup>
Preload class A GA	105 N
Static axial stiffness, preload class A	87 N/μm
Preload class B GB	310 N
Static axial stiffness, preload class B	129 N/μm
Preload class C GC	630 N
Static axial stiffness, preload class C	169 N/μm
Calculation factor f	1.06
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.06
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92

Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.19 kg