

# PFI 31594/20 tapered roller bearings

Enjoy High 80 Outer Diameter (mm) Margins on Competitive Pricing.Great 125 Bore Diameter (mm) Wholesale 125x80x22 Size (mm) Products at Low Costs.

Size (mm)	125x80x22
Bore Diameter (mm)	125
Outer Diameter (mm)	80
Width (mm)	22
d	80 mm
D	125 mm
B	22 mm
d1	95.83 mm
d2	93 mm
D2	112.6 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	24.9 mm
da – min.	86 mm
da – max.	95.1 mm
db – min.	86 mm
db – max.	92.3 mm
Da – max.	119 mm
Db – max.	120.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	33.8 kN

Basic static load rating – C0	28 kN
Fatigue load limit – Pu	1.2 kN
Limiting speed for grease lubrication	15000 r/min
Ball – Dw	11.112 mm
Ball – z	25
Calculation factor – f0	9.4
Preload class A – GA	180 N
Preload class B – GB	550 N
Preload class C – GC	1090 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1
Preload class A	72 N/micron
Preload class B	114 N/micron
Preload class C	157 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	86 mm
da max.	95.1 mm
db min.	86 mm
db max.	92.3 mm
Da max.	119 mm
Db max.	120.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	33.8 kN
Basic static load rating C0	28 kN

Fatigue load limit $P_u$	1.18 kN
Attainable speed for grease lubrication	15000 r/min
Ball diameter $D_w$	11.112 mm
Number of balls $z$	25
Preload class A $G_A$	180 N
Static axial stiffness, preload class A	72 N/ $\mu$ m
Preload class B $G_B$	550 N
Static axial stiffness, preload class B	114 N/ $\mu$ m
Preload class C $G_C$	1090 N
Static axial stiffness, preload class C	157 N/ $\mu$ m
Calculation factor $f$	1.1
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.4
Mass bearing	0.9 kg