FAG NUP2312-E-TVP2 cylindrical roller bearings

Various types and sizes to accommodate 62x40x12 Size (mm) your FAG NUP2312-E-TVP2 cylindrical roller bearings requirements. 62 Bore Diameter (mm)

Size (mm)	62x40x12
Bore Diameter (mm)	62
Outer Diameter (mm)	40
Width (mm)	12
d	40 mm
D	62 mm
B	12 mm
d1	48.46 mm
d2	47.6 mm
D2	55.64 mm
b	2 mm
C1	5.9 mm
C2	2.8 mm
C3	1.7 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	14.8 mm
da – min.	43.2 mm
db – min.	43.2 mm
Da – max.	58.8 mm
Db – max.	60 mm
ra – max.	0.6 mm

rb – max.	0.3 mm
dn	49.1 mm
Basic dynamic load rating – C	5.4 kN
Basic static load rating – C0	4.2 kN
Fatigue load limit – Pu	0.176 kN
Limiting speed for grease lubrication	30000 r/min
Limiting speed for oil lubrication	45000 mm/min
Ball – Dw	3.969 mm
Ball – z	28
Gref	1.38 cm3
Calculation factor – f0	9.8
Preload class A – GA	18 N
Preload class B – GB	36 N
Preload class C – GC	110 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.07
Calculation factor – fHC	1
Preload class A	25 N/micron
Preload class B	32 N/micron
Preload class C	52 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	43.2 mm
db min.	43.2 mm
Da max.	58.8 mm
Db max.	60 mm
ra max.	0.6 mm

rb max.	0.3 mm
Basic dynamic load rating C	7.15 kN
Basic static load rating C0	6.95 kN
Fatigue load limit Pu	0.176 kN
Attainable speed for grease lubrication	30000 r/min
Attainable speed for oil-air lubrication	45000 r/min
Ball diameter Dw	3.969 mm
Number of balls z	28
Reference grease quantity Gref	1.38 cm^3
Preload class A GA	18 N
Static axial stiffness, preload class A	25 N/µm
Preload class B GB	36 N
Static axial stiffness, preload class B	32 N/µm
Preload class C GC	110 N
Static axial stiffness, preload class C	52 N/µm
Calculation factor f	1.06
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.07
Calculation factor fHC	1
Calculation factor f0	9.8
Mass bearing	0.12 kg