

# SKF NATR 17 X cylindrical roller bearings

SKF NATR 17 X cylindrical roller bearings Industries and Applications ? We sell discount online as 55 Outer Diameter (mm) well as cheap 90 Bore Diameter (mm) machinery 90x55x18 Size (mm) parts.

Size (mm)	90x55x18
Bore Diameter (mm)	90
Outer Diameter (mm)	55
Width (mm)	18
d	55 mm
D	90 mm
B	18 mm
d1	67.73 mm
d2	65.6 mm
D1	77.25 mm
K	0.5 mm
C1	6.3 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	26.1 mm
da – min.	61 mm
db – min.	61 mm
Da – max.	84 mm
Db – max.	85.8 mm
ra – max.	1 mm
rb – max.	0.6 mm

dn	69.6 mm
Basic dynamic load rating – C	15.9 kN
Basic static load rating – C0	11.6 kN
Fatigue load limit – Pu	0.49 kN
Limiting speed for grease lubrication	23000 r/min
Limiting speed for oil lubrication	35000 mm/min
Ball – Dw	7.938 mm
Ball – z	24
Gref	5 cm <sup>3</sup>
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	140 N
Preload class B – GB	430 N
Preload class C – GC	860 N
Calculation factor – f	1.07
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.06
Calculation factor – fHC	1.01
Preload class A	128 N/micron
Preload class B	193 N/micron
Preload class C	251 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	61 mm

db min.	61 mm
Da max.	84 mm
Db max.	85.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	15.9 kN
Basic static load rating C0	11.6 kN
Fatigue load limit Pu	0.49 kN
Attainable speed for grease lubrication	23000 r/min
Attainable speed for oil-air lubrication	35000 r/min
Ball diameter Dw	7.938 mm
Number of balls z	24
Reference grease quantity Gref	5 cm <sup>3</sup>
Preload class A GA	140 N
Static axial stiffness, preload class A	128 N/μm
Preload class B GB	430 N
Static axial stiffness, preload class B	193 N/μm
Preload class C GC	860 N
Static axial stiffness, preload class C	251 N/μm
Calculation factor f	1.07
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.06
Calculation factor fHC	1.01
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	0.36 kg