

# Timken 342/3320 tapered roller bearings

LET 85x150x28 Size (mm) OUR Timken 342/3320 tapered roller bearings 85 Bore Diameter (mm) EXPERTS GET YOU THE PARTS YOU NEED.

Size (mm)	85x150x28
Bore Diameter (mm)	85
Outer Diameter (mm)	150
Width (mm)	28
d	85 mm
D	150 mm
B	28 mm
C	28 mm
d1	106.5 mm
d2	106.5 mm
r1 min.	2 mm
r2 min.	2 mm
r3 min.	1 mm
r4 min.	1 mm
D1	129.5 mm
D2	– mm
da min.	96 mm
Da max.	139 mm
db min	96 mm
ra max.	2 mm
rb max.	1 mm
dh	111,5 mm

Db max	144,4 mm
Weight	1,85 Kg
Basic dynamic load rating (C)	99,5 kN
Basic static load rating (C0)	88 kN
(Grease) Lubrication Speed	9 000 r/min
(Oil) Lubrication Speed	15 000 r/min
Fatigue load limit (Pu)	3,45
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.89
EAN	7316570943344
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7   ISO P4
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Angular Contact   Super Precision   High Capacity

Long Description	85MM Bore; 150MM Outside Diameter; 28MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	7217 CD/P4A
Weight / LBS	4.171
Outside Diameter	5.906 Inch   150 Millimeter
Width	1.102 Inch   28 Millimeter
Bore	3.346 Inch   85 Millimeter
r1,2 min.	2 mm
r3,4 min.	1 mm
a	29.9 mm
db min.	96 mm
Db max.	144.4 mm
dn	111.5 mm
Basic dynamic load rating C	99.5 kN
Basic static load rating C0	88 kN
Fatigue load limit Pu	3.45 kN
Attainable speed for grease lubrication	9000 r/min
Attainable speed for oil-air lubrication	15000 r/min
Ball diameter Dw	19.05 mm
Number of balls z	17
Reference grease quantity Gref	21.822 cm <sup>3</sup>

Preload class A GA	370 N
Static axial stiffness, preload class A	102 N/ $\mu\text{m}$
Preload class B GB	740 N
Static axial stiffness, preload class B	139 N/ $\mu\text{m}$
Preload class C GC	1480 N
Static axial stiffness, preload class C	193 N/ $\mu\text{m}$
Preload class D GD	2960 N
Static axial stiffness, preload class D	278 N/ $\mu\text{m}$
Calculation factor f	1.08
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.03
Calculation factor f2D	1.05
Calculation factor fHC	1
Calculation factor f $\theta$	14.9
Mass bearing	1.86 kg