



**Bearing No. NKX 45**

d	45 mm
F	45 mm
D	58 mm
C	32 mm
series:	NKX
Category	Roller Bearings
flanges:	No Flange
Size (mm)	58x45x32
Inventory	0.0
Inner ring	IR 40x45x20
Width (mm)	32
Mass bearing	0.252 kg
maximum rpm:	6300 rpm
$C_2$	9 mm
Product Group	B04144
$B_i$	20 mm
$d_i$	40 mm
closure type:	Open
$C_1$	14 mm
$D_1$	65.2 mm
$B_i$	20 mm
$F_w$	45 mm
$d_i$	40 mm
$F_w$	45 mm
$C_1$	14 mm
$C_2$	9 mm
$D_1$	65.2 mm
overall width:	32 mm
cage material:	Steel

Bearing number	NKX 45
bore diameter:	45 mm
Limiting speed	6300 r/min
number of rows:	One
Reference speed	4500 r/min
precision rating:	Not Rated
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	0.27
outside diameter:	58 mm
Bore Diameter (mm)	58
r <sub>b</sub> max.	0.3 mm
r <sub>a</sub> max.	0.6 mm
d <sub>a</sub> min.	60.5 mm
Outer Diameter (mm)	45
d <sub>a</sub> - min.	60.5 mm
r <sub>b</sub> - max.	0.3 mm
needle bearing type:	Roller & Cage Assembly
r <sub>1,2</sub> min.	0.6 mm
r <sub>a</sub> - max.	0.6 mm
Minimum Buy Quantity	N/A
static load capacity:	57 kN
r <sub>1,2</sub> - min.	0.6 mm
dynamic load capacity:	27.5 kN
lubrication hole type:	Hole on Outer Ring
manufacturer upc number:	7316577106032
Minimum axial load factor A	0.029
operating temperature range:	Maximum of +250 °F °F
Basic dynamic load rating, axial direction C	28.1 kN

Basic dynamic load rating, radial direction C	27.5 kN
Basic dynamic load rating, axial direction - C	28.1 kN
Basic dynamic load rating, radial direction - C	27.5 kN
Fatigue load limit, axial direction $P_u$	2.8 kN
Fatigue load limit, radial direction $P_u$	7.1 kN
Fatigue load limit, axial direction - $P_u$	2.8 kN
Fatigue load limit, radial direction - $P_u$	7.1 kN
Basic static load rating, axial direction $C_0$	75 kN
Basic static load rating, radial direction $C_0$	57 kN
Basic static load rating, axial direction - $C_0$	75 kN
Basic static load rating, radial direction - $C_0$	57 kN