



### Bearing No. NKX 50

d	50 mm
F	50 mm
D	62 mm
C	35 mm
series:	NKX
Category	Roller Bearings
flanges:	No Flange
Size (mm)	62x50x35
Inventory	0.0
Inner ring	IR 45x50x25
Width (mm)	35
Mass bearing	0.28 kg
maximum rpm:	6300 rpm
C <sub>2</sub>	10 mm
Product Group	B04144
B <sub>i</sub>	25 mm
d <sub>i</sub>	45 mm
closure type:	Open
C <sub>1</sub>	14 mm
D <sub>1</sub>	70.2 mm
B <sub>i</sub>	25 mm
F <sub>w</sub>	50 mm
d <sub>i</sub>	45 mm
F <sub>w</sub>	50 mm
C <sub>1</sub>	14 mm
C <sub>2</sub>	10 mm
D <sub>1</sub>	70.2 mm
overall width:	35 mm
cage material:	Steel

Bearing number	NKX 50
bore diameter:	50 mm
Limiting speed	6300 r/min
number of rows:	One
Reference speed	4300 r/min
precision rating:	Not Rated
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	0.298
outside diameter:	62 mm
Bore Diameter (mm)	62
r <sub>b</sub> max.	0.6 mm
r <sub>a</sub> max.	0.6 mm
d <sub>a</sub> min.	65.5 mm
Outer Diameter (mm)	50
d <sub>a</sub> - min.	65.5 mm
r <sub>b</sub> - max.	0.6 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:	78 kN
r <sub>1,2</sub> - min.	0.6 mm
dynamic load capacity:	38 kN
lubrication hole type:	Hole on Outer Ring
manufacturer upc number:	7316577027894
Minimum axial load factor A	0.034
operating temperature range:	Maximum of +250 °F °F
Basic dynamic load rating, axial direction C	28.6 kN

Basic dynamic load rating, radial direction C	38 kN
Basic dynamic load rating, axial direction - C	28.6 kN
Basic dynamic load rating, radial direction - C	38 kN
Fatigue load limit, axial direction $P_u$	3.05 kN
Fatigue load limit, radial direction $P_u$	9.65 kN
Fatigue load limit, axial direction - $P_u$	3 kN
Fatigue load limit, radial direction - $P_u$	9.6 kN
Basic static load rating, axial direction $C_0$	81.5 kN
Basic static load rating, radial direction $C_0$	78 kN
Basic static load rating, axial direction - $C_0$	81.5 kN
Basic static load rating, radial direction - $C_0$	78 kN