

# Timken SMN114K deep groove ball bearings

Timken SMN114K deep groove ball bearings manufacturer and global supplier of reliable ball and 30 Outer Diameter (mm) roller ... Timken SMN114K deep groove ball bearings Industries 72 Bore Diameter (mm) Products Manufacturing & Engineering and Agricultural Bearings designed to 72x30x19 Size (mm) meet the unique requirements of our targeted industries.

Size (mm)	72x30x19
Bore Diameter (mm)	72
Outer Diameter (mm)	30
Width (mm)	19
d	30 mm
D	72 mm
B	19 mm
d1	45 mm
D1	58.35 mm
F	40.5 mm
r1,2 – min.	1.1 mm
r3,4 – min.	1.1 mm
s	1.4 mm
da – min.	37 mm
da – max.	39 mm
db – min.	47 mm
Da – max.	65.1 mm
ra – max.	1 mm
Basic dynamic load rating – C	58.5 kN
Basic static load rating – C0	48 kN

Fatigue load limit – Pu	6.2 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.371
EAN	7316570207194
Product Group	B04144
bore diameter:	30 mm
static load capacity:	48 kN
outside diameter:	72 mm
precision rating:	Not Rated
overall width:	19 mm
maximum rpm:	12000 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	19 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	1 mm
dynamic load capacity:	58.5 kN

series:	NJ3
d1 ≈	45 mm
D1 ≈	58.35 mm
r1,2 min.	1.1 mm
r3,4 min.	1.1 mm
s max.	1.4 mm
da min.	37 mm
da max.	39 mm
db min.	47 mm
Da max.	65.1 mm
ra max.	1 mm
Basic dynamic load rating C	58.5 kN
Basic static load rating C0	48 kN
Fatigue load limit Pu	6.2 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.37 kg
Angle ring	HJ 306 EC