

# NSK 140PCR3101 cylindrical roller bearings

What is NSK 140PCR3101 cylindrical roller bearings in mechanical engineering? Manufacturing 2FD Dimension series Service . Upload your CAD file for an instant.

Dimension series	2FD
d	45 mm
D	100 mm
T	38.25 mm
d1 ≈	71.1 mm
B	36 mm
C	30 mm
r1,2 min.	2 mm
r3,4 min.	1.5 mm
a	24.712 mm
da max.	57 mm
db min.	55 mm
Da min.	82 mm
Da max.	92 mm
Db min.	93 mm
Ca min.	4 mm
Cb min.	8 mm
ra max.	2 mm
rb max.	1.5 mm
Basic dynamic load rating C	173 kN
Basic static load rating C0	170 kN
Fatigue load limit Pu	20.4 kN

Reference speed	5300 r/min
Limiting speed	7000 r/min
Calculation factor e	0.35
Calculation factor Y	1.7
Calculation factor Y <sub>0</sub>	0.9
Mass bearing	1.39 kg