

# 1314 NSK 70x150x35mm CAng 8.455 Self aligning ball bearings

Bearing number	1314
Size (mm)	70x150x35
Brand	NSK
Bore Diameter (mm)	70
Outer Diameter (mm)	150
Width (mm)	35
d	70 mm
D	150 mm
B	35 mm
C	35 mm
r min.	2.1 mm
d <sub>0</sub> min.	81 mm
D <sub>0</sub> max.	139 mm
r <sub>0</sub> max.	2 mm
Weight	3.19 Kg
Basic dynamic load rating (C)	75 kN
Basic static load rating (C <sub>0</sub> )	27.7 kN
Lubrication Speed (Grease)	4 000 r/min
Lubrication Speed (Oil)	5 000 r/min
Calculation factor (e)	0.22
Calculation factor (Y <sub>B</sub> )	3
Calculation factor (Y <sub>2</sub> )	4.4
SEI	0.58
Y <sub>3</sub>	2.8
hi4Y0d1	1314
LangID	1
PCD	121
D	150
Y <sub>2</sub>	4.4
SREX	0
cyl count	16
R	35
CAD	<a href="http://service.web2cad.co.jp/pcor/Maker-NSK_R8&amp;info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_asstb-prj&amp;varset={STAN-3,(ORDER=1314),(SD=70),(D=150),(B=35),(R=2.1),(CR1=45000),(COR1=25100),(CR2=7650),(COR2=2830),(LG=4000),(LO=5000),(DA1=81.0),(DA2=139.0),(RA=2.0),(E=0.22),(Y2=4.4),(Y3=2.80),(YB=3.00),(MSS=3.000)}">http://service.web2cad.co.jp/pcor/Maker-NSK_R8&amp;info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_asstb-prj&amp;varset={STAN-3,(ORDER=1314),(SD=70),(D=150),(B=35),(R=2.1),(CR1=45000),(COR1=25100),(CR2=7650),(COR2=2830),(LG=4000),(LO=5000),(DA1=81.0),(DA2=139.0),(RA=2.0),(E=0.22),(Y2=4.4),(Y3=2.80),(YB=3.00),(MSS=3.000)}</a>
hidTable	ecat_H55AB
d11 rpm	5800
SEI	0
Y <sub>B</sub>	3
maxC	3
ra	2
d15 rpm	4000
SREX	0.88
groove inner	92.733
Q <sub>2</sub>	129
SREN	0
C <sub>B</sub>	25.1
groove outer	130.476
SREN	0
X <sub>B</sub>	1
Prod_Type3	SAB8_SA_CB
X1	1
d <sub>2</sub>	81
X <sub>2</sub>	0.65
e	0.22
y0d1	1314
r	2.1
KBRG	1352
CAng	8.455
cyl dia	18.256
calcort	/bearingguide/html/calculation.jsp