

# 2302 NSK Y2 1.9 15x42x17mm Self aligning ball bearings

Bearing number	2302
Size (mm)	15x42x17
Brand	NSK
Bore Diameter (mm)	15
Outer Diameter (mm)	42
Width (mm)	17
d	15 mm
D	42 mm
B	17 mm
C	17 mm
r min.	1 mm
da min.	20 mm
Da max.	37 mm
ra max.	1 mm
Weight	0.108 Kg
Basic dynamic load rating (C)	12.3 kN
Basic static load rating (C0)	2.91 kN
(Grease) Lubrication Speed	14 000 r/min
(Oil) Lubrication Speed	18 000 r/min
Calculation factor (a)	0.51
Calculation factor (YB)	1.3
Calculation factor (Y2)	1.9
SR1	3.75
Y3	1.2
hidfoBa	2302
LongID	1
PCB	27.8
D <sub>1</sub>	42
Y2	1.9
SREX	0
cyl count	10
B	17
CAD	<a href="http://service.web2cad.co.jp/pcon/Make-NSK_R8&amp;Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_asstb.prj&amp;varset=(STAN-), (ORDER=2302), (SD=15), (D=42), (B=17), (B=1.0), (CR1=12300), (COR1=2910), (CR2=1250), (COR2=296), (LG=14000), (LD=18000), (DA1=20.0), (DA2=37.0), (RA=1.0), (E=0.51), (Y2=1.9), (Y3=1.20), (YB=1.30), (MASS=0.108)">http://service.web2cad.co.jp/pcon/Make-NSK_R8&amp;Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_asstb.prj&amp;varset=(STAN-), (ORDER=2302), (SD=15), (D=42), (B=17), (B=1.0), (CR1=12300), (COR1=2910), (CR2=1250), (COR2=296), (LG=14000), (LD=18000), (DA1=20.0), (DA2=37.0), (RA=1.0), (E=0.51), (Y2=1.9), (Y3=1.20), (YB=1.30), (MASS=0.108)</a>
hidfTable	ecat_NSAB
Oil rpm	18000
SRE	0
YB	1.3
Mass	0.108
ra	1
GRS rpm	14000
SR1x	0.64
groove liner	20.637
D <sub>2</sub>	37
SR1W	0
CB	2.91
groove outer	36.49
SREN	0
XB	1
Prod_Type3	SAB8_SA_CB
X1	1
da	20
X2	0.65
e	0.51
ydb1	2302
r	1
KBRG	1354
CAnG	18.682
cyl dia	7.144
calcort	/bearingguide/html/calculation.jsp