

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 (Y0)	1.3
Calculation factor (Y2)	1.9
SR1	3.75
Y3	1.2
hidf0b1	2302
LongID	1
PCB	27.8
D1	42
Y2	1.9
SREN	0
cyl count	10
B	17
CAD	http://service.web2cad.co.jp/pcon/Make-NSK_R&Info=nsk_rb/roller_bearings/self_aligning_bh/cylindrical_bore_asstb.prj&varset=(S100~J).(O00E0~2302).(S0~15).(D~42).(B~17).(R~1.0).(CR1~12300).(COR1~2910).(CR2~1250).(COR2~296).(LG~14000).(LD~10000).(DA1~20.0).(DA2~37.0).(RA~1.0).(E~0.51).(Y2~1.9).(Y3~1.20).(Y0~1.30).(MASS~0.108)
hidfTable	ecat_NISAB
DL1_rpm	10000
SRE	0
Y0	1.3
mass	0.108
ra	1
GRS_rpm	14000
SR1x	0.84
groove inner	20.637
D_g	37
SR1W	0
C0	2.91
groove outer	36.49
SREN	0
X0	1
Prod_Type3	SAB0_SA_CB
X1	1
da	20
X2	0.65
e	0.51
y0b1	2302
r	1
KBRG	1354
CAng	10.682
cyl dia	7.144
calc0r1	/BearingGuide/html/calculation.jsp