

21310EAKE4 NSK SBRG 3
50x110x27mm Spherical roller
bearings

Order number		21310R0604
Size (mm)		58x110x27
Brand		ROR
Bore Diameter (mm)		58
Outer Diameter (mm)		110
Width (mm)		27
d		58 mm
D		110 mm
B		27 mm
C		27 mm
r min.		2 mm
d1 min.		60 mm
d1 max.		72 mm
D1 min.		98 mm
D1 max.		100 mm
e1 max.		7 mm
Weight		1.21 kg
Basic dynamic load rating (C)		142 kN
Basic static load rating (C0)		174 kN
(Grease) Lubrication Speed		4300 r/min
(Oil) Lubrication Speed		5300 r/min
Calculation factor (a)		0.23
Calculation factor (V0)		2.9
Calculation factor (V2)		4.4
Category	Spherical Roller Bearings	
BDI Inventory		0-0
Manufacturer Name		ROR
Minimum Buy Quantity		N/A
Weight / kilogram		1.28
EAN		0020170410079
Product Group - BDI		HM411
Internal Clearance		O-Medium
Mounting Method		Adapter Mount
Rolling Element		Spherical Roller Bearing
Bore Profile		Tapered
Cage Material		Steel
Enclosure		Open
Number of Rows of Rollers		Double Row
Nonadjustable		Yes
Withdrawal Sleeve		M310 (Specify bore)
Inch - Metric		Metric
Long Description	SMM Tapered Bore; 110mm Outer Diameter; 27mm Width; O-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Nonadjustable; Adapter Part Number - M310 (Specify bore)	
Other Features	Order adapter or withdrawal sleeve or not separately. Others may be available	
Category - BDI		Spherical Roller Bearing
UNSPSC		31775510
Harmonized Tariff Code		84023000
Name		Bearing
Keyword String		Spherical
Manufacturer URL	http://www.nskamericas.com	
Manufacturer Item Number		21310R0604
Weight / LBS		1.28
Width		1.063 Inch 27 Millimeter
Adapter Part Number	SMW3 H310 H310 H310 H510 (Specify Bore) Inch H310 (Specify Bore) Millimeter	
Outside Diameter		4.331 Inch 110 Millimeter
Bore		1.909 Inch 58 Millimeter
V2		3
hdftds		21310R0604
LengID		1
V1		2-9
D		110
V3		4-4
Recht rpm		6000
B		27
CAD	 https://service.webcad.co.jp/pom/maker_login.php?maker=ROR_R&language=japanese_nsk_ru/roller_bearings/spherical_ru/tapered_bore_smtab.prj&srst=U3Tab(WP5)&(D000H-21310R0604)&(D=HD)&(D=110)&(B=27.0)&(B=2.0)&(C)=170000)&(C000+174000)&(L=5300)&(LL=6000)&(DA1=60)&(DA2=72)&(DA3=100)&(DA4=00)&(B=2.0)&(B=4.23)&(Y=4.4)&(Y=2.0)&(WAS=1.21)	
hdftable		ecat_NOSP8
d1 rpm		5600
m		2-3
max		1.21
GMS rpm		4500
v4		2
VDR rpm		5300
C0		174
D1		97.556
X0		1
Prod_Type3		SMB_CTB_TB
x1		
x2		0.47
S3H		10.3
a		0.23
HA		11.42
bump		21310R0604
Z		19
ALF2		10
ALP1		0
ALP3		0
D 1 max		100
D 1 min		98
ydb1		21310R0604
MP1		MP1
ALPD1		0.151
SD1		06.983
KRMG		2
SRMG		2329
Q1		3
sd1sd1		74.111
sd1sd1	/Bearings/datasheet/calculation.tex	