



Bearing No. 23138-2CS5/VT143

D	320 mm
d	190 mm
B	104 mm
b	13.9 mm
K	7.5 mm
series:	231
Category	Roller Bearings
Inventory	0.0
Size (mm)	320x190x104
seal type:	Nitrile Rubber Seals
Width (mm)	104
bore type:	Straight
Mass bearing	35 kg
d ₂	215 mm
closure type:	Double Sealed
Product Group	B04311
D ₁	288 mm
cage material:	Steel
overall width:	104 mm
Bearing number	23138-2CS5/VT143
Limiting speed	400 r/min
bore diameter:	190 mm
outer ring type:	Not Split
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	35.72
outside diameter:	320 mm
maximum rpm (oil):	1400 rpm
r _a max.	2.5 mm
D _a max.	306 mm

d _a max.	215 mm
d _a min.	204 mm
Bore Diameter (mm)	320
Outer Diameter (mm)	190
internal clearance:	C3
D _a - max.	306 mm
d _a - max.	215 mm
d _a - min.	204 mm
Calculation factor e	0.3
Minimum Buy Quantity	N/A
r _{1,2} min.	3 mm
r _a - max.	2.5 mm
d ₂ ?	215 mm
maximum rpm (grease):	1000 rpm
D ₁ ?	288 mm
static load capacity:	468000 lbf
dynamic load capacity:	315000 lbf
Calculation factor - e	0.3
r _{1,2} - min.	3 mm
manufacturer upc number:	7316574278176
Basic dynamic load rating C	1458 kN
Basic dynamic load rating - C	1458 kN
maximum operating temperature:	392 °F
Fatigue load limit P _u	183 kN
Calculation factor Y ₀	2.2
Calculation factor Y ₂	3.4
Calculation factor Y ₁	2.3
Calculation factor - Y ₀	2.2
Fatigue load limit - P _u	183 kN

Calculation factor - Y_2	3.4
Calculation factor - Y_1	2.3
Basic static load rating C_0	2080 kN
Basic static load rating - C_0	2080 kN