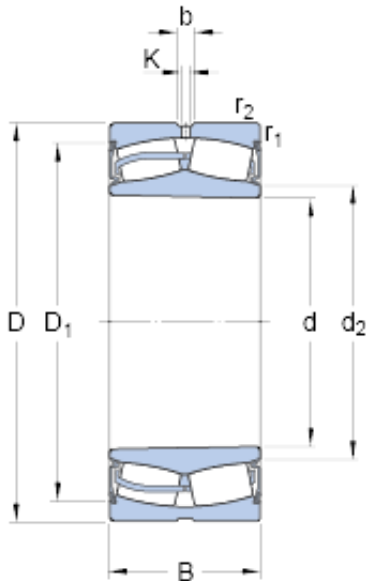




## BEARING DRIVESHAFT, INC.

110 mm x 200 mm x 69.8 mm SKF  
23222-2CS5K/VT143 spherical roller bearings



23222-2CS5K/VT143 Bearing 2D drawings and 3D CAD models

Bearing No. 23222-2CS5K/VT143

Size	200x110x69.8 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	69,8 mm
d	110 mm
D	200 mm
B	69.8 mm
d <sub>2</sub>	126 mm
D <sub>1</sub>	178 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	118 mm
d <sub>a</sub> - max.	126 mm
D <sub>a</sub> - max.	188 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	627 kN
Basic static load rating - C <sub>0</sub>	765 kN
Fatigue load limit - P <sub>u</sub>	76.5 kN
Limiting speed	640 r/min
Calculation factor - e	0.33
Calculation factor - Y <sub>1</sub>	2
Calculation factor - Y <sub>2</sub>	3
Calculation factor - Y <sub>0</sub>	2



## BEARING DRIVESHAFT, INC.

Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	9.374
EAN	7316574276844
Product Group	B04311
bore diameter:	110 mm
static load capacity:	172000 lbf
outside diameter:	200 mm
maximum rpm (grease):	1600 rpm
overall width:	69.8 mm
maximum rpm (oil):	2000 rpm
bore type:	Tapered 1:12
cage material:	Steel
outer ring type:	Not Split
seal type:	Nitrile Rubber Seals
internal clearance:	C3
bearing material:	Steel
closure type:	Double Sealed
series:	232
maximum operating temperature:	392 ° F
manufacturer upc number:	7316574276844
dynamic load capacity:	135000 lbf
$d_2$	126 mm
$D_1$	178 mm
$r_{1,2}$ min.	2.1 mm
$D_a$ max.	188 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	627 kN
Basic static load rating $C_0$	765 kN



## BEARING DRIVESHAFT, INC.

Fatigue load limit $P_u$	76.5 kN
Calculation factor $e$	0.33
Calculation factor $Y_1$	2
Calculation factor $Y_2$	3
Calculation factor $Y_0$	2
Mass bearing	9.55 kg