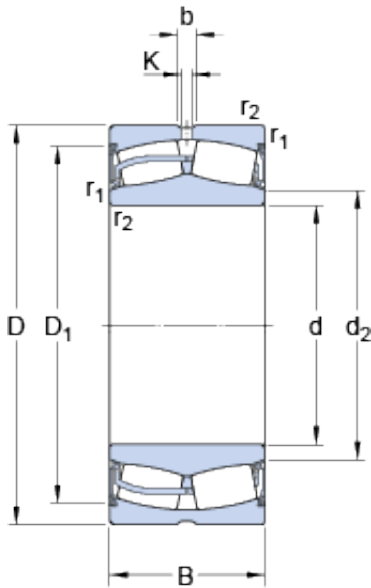




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160 mm x 290 mm x 80 mm SKF 22232-2CS5/VT143 spherical roller bearings

Bearing No. 22232-2CS5/VT143



22232-2CS5/VT143 Bearing 2D drawings and 3D CAD models

Size	290x160x80 mm
Bore Diameter	290 mm
Outer Diameter	160 mm
Width	80 mm
d	160 mm
D	290 mm
B	80 mm
d ₂	185 mm
D ₁	264 mm
b	13.9 mm
K	7.5 mm
r _{1,2} - min.	3 mm
d _a - min.	174 mm
d _a - max.	185 mm
D _a - max.	276 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	1044 kN
Basic static load rating - C ₀	1290 kN
Fatigue load limit - P _u	118 kN
Limiting speed	600 r/min
Calculation factor - e	0.25
Calculation factor - Y ₁	2.7
Calculation factor - Y ₂	4
Calculation factor - Y ₀	2.5



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Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	23.005
EAN	7316573300649
Product Group	B04311
bore diameter:	160 mm
static load capacity:	290000 lbf
outside diameter:	290 mm
maximum rpm (grease):	1500 rpm
overall width:	80 mm
maximum rpm (oil):	1900 rpm
bore type:	Straight
cage material:	Steel
outer ring type:	Not Split
seal type:	Nitrile Rubber Seals
internal clearance:	C3
bearing material:	Steel
closure type:	Double Sealed
series:	222
maximum operating temperature:	392 ° F
manufacturer upc number:	7316573300649
dynamic load capacity:	225000 lbf
d ₂	185 mm
D ₁	264 mm
r _{1,2} min.	3 mm
d _a min.	174 mm
d _a max.	185 mm
D _a max.	276 mm
r _a max.	2.5 mm



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Basic dynamic load rating C	1044 kN
Basic static load rating C_0	1290 kN
Fatigue load limit P_u	118 kN
Calculation factor e	0.25
Calculation factor Y_1	2.7
Calculation factor Y_2	4
Calculation factor Y_0	2.5
Mass bearing	22.5 kg