



Bearing No. 22217 E

D	150 mm
d	85 mm
B	36 mm
b	6 mm
K	3 mm
series:	222
Category	Roller Bearings
Size (mm)	150x85x36
Inventory	0.0
cage type:	Inner Ring Guided
Width (mm)	36
bore type:	Straight
Mass bearing	2.69 kg
maximum rpm:	5600 RPM
Product Group	B04311
closure type:	Open
d ₂	101 mm
D ₁	133 mm
Bearing number	22217 E
fillet radius:	2 mm
Limiting speed	5600 r/min
cage material:	Steel
overall width:	36 mm
bore diameter:	85 mm
finish/coating:	Uncoated
Reference speed	4000 r/min
outer ring type:	Not Split
Manufacturer Name	SKF
outside diameter:	150 mm
precision rating:	Not Rated

bearing material:	Steel
outer ring width:	36 mm
Weight / Kilogram	2.737
r_a max.	2 mm
Bore Diameter (mm)	150
D_a max.	139 mm
d_a min.	96 mm
internal clearance:	C0
Outer Diameter (mm)	85
d_a - min.	96 mm
Minimum Buy Quantity	N/A
D_a - max.	139 mm
Calculation factor e	0.22
r_a - max.	2 mm
$r_{1,2}$ min.	2 mm
static load capacity:	325 kN
d_2 ?	101 mm
D_1 ?	133 mm
$r_{1,2}$ - min.	2 mm
Calculation factor - e	0.22
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	285 kN
Basic dynamic load rating C	291 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	291 kN
Calculation factor Y_1	3
Fatigue load limit P_u	34.5 kN
Calculation factor Y_2	4.6
Calculation factor Y_0	2.8

Fatigue load limit - P_u	34.5 kN
Calculation factor - Y_1	3
Calculation factor - Y_2	4.6
Calculation factor - Y_0	2.8
Basic static load rating C_0	325 kN
Basic static load rating - C_0	325 kN