



Bearing No. 22315 EK

b	8.3 mm
K	4.5 mm
d	75 mm
D	160 mm
B	55 mm
series:	223
Category	Roller Bearings
Size (mm)	160x75x55
Inventory	22.0
Width (mm)	55
bore type:	Tapered 1:12
maximum rpm:	4300 RPM
Mass bearing	5.45 kg
D ₁	135 mm
d ₂	92.8 mm
closure type:	Open
Product Group	B04311
fillet radius:	2 mm
cage material:	Steel
overall width:	55 mm
Bearing number	22315 EK
bore diameter:	75 mm
Limiting speed	4300 r/min
finish/coating:	Uncoated
Reference speed	3200 r/min
outer ring type:	Not Split
bearing material:	Steel
outer ring width:	55 mm
precision rating:	Not Rated
outside diameter:	160 mm

Weight / Kilogram	5.238
Manufacturer Name	SKF
D _a max.	148 mm
Bore Diameter (mm)	160
r _a max.	2 mm
Outer Diameter (mm)	75
internal clearance:	C0
d _a - min.	83 mm
Calculation factor e	0.35
d _a - max.	92 mm
Minimum Buy Quantity	N/A
D _a - max.	148 mm
r _a - max.	2 mm
r _{1,2} min.	2.1 mm
d ₂ ?	92.8 mm
D ₁ ?	135 mm
static load capacity:	475 kN
Calculation factor - e	0.35
dynamic load capacity:	440 kN
r _{1,2} - min.	2.1 mm
lubrication hole type:	Lubrication Groove & Hole
Basic dynamic load rating C	462 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	462 kN
Fatigue load limit P _u	48 kN
Calculation factor Y ₁	1.9
Calculation factor Y ₂	2.9
Calculation factor Y ₀	1.8
Fatigue load limit - P _u	48 kN

Calculation factor - Y_1	1.9
Calculation factor - Y_0	1.8
Calculation factor - Y_2	2.9
Basic static load rating C_0	475 kN
Basic static load rating - C_0	475 kN
Recommended lock nut tightening angle ?	130 °