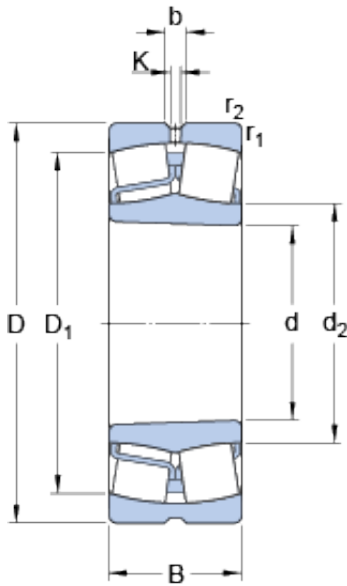




BEARING DRIVESHAFT, INC.

75 mm x 160 mm x 55 mm skf 22315 ek bearing



22315 ek Bearing 2D drawings and 3D CAD models

Bearing No. 22315 ek

Size	160x75x55 mm
Bore Diameter	160 mm
Outer Diameter	75 mm
Width	55 mm
d	75 mm
D	160 mm
B	55 mm
d ₂	92.8 mm
D ₁	135 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	83 mm
d _a - max.	92 mm
D _a - max.	148 mm
r _a - max.	2 mm
Basic dynamic load rating - C	462 kN
Basic static load rating - C ₀	475 kN
Fatigue load limit - P _u	48 kN
Reference speed	3200 r/min
Limiting speed	4300 r/min
Calculation factor - e	0.35
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	2.9
Calculation factor - Y ₀	1.8



BEARING DRIVESHAFT, INC.

Category	Roller Bearings
Inventory	22.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.238
EAN	7316571083308
Product Group	B04311
bore diameter:	75 mm
maximum rpm:	4300 RPM
outside diameter:	160 mm
operating temperature range:	Maximum of +390 ° F
overall width:	55 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	55 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	440 kN
series:	223
static load capacity:	475 kN
d ₂	92.8 mm
D ₁	135 mm
r _{1,2} min.	2.1 mm
D _a max.	148 mm
r _a max.	2 mm



BEARING DRIVESHAFT, INC.

Basic dynamic load rating C	462 kN
Basic static load rating C_0	475 kN
Fatigue load limit P_u	48 kN
Calculation factor e	0.35
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Mass bearing	5.45 kg
Recommended lock nut tightening angle	130 °