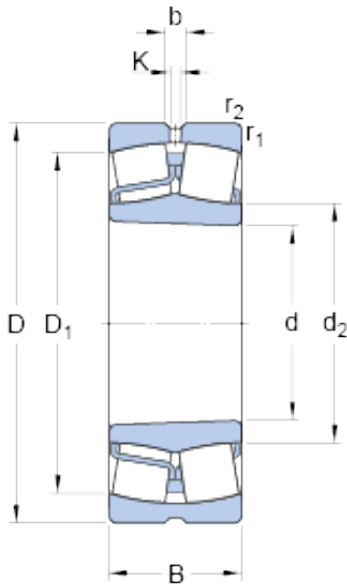




## Bearing Driveshaft do Brasil



22318 EK Bearing 2D drawings and 3D CAD models

90 mm x 190 mm x 64 mm SKF 22318 EK  
spherical roller bearings

Bearing No. 22318 EK

Size	190x90x64 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	64 mm
d	90 mm
D	190 mm
B	64 mm
d <sub>2</sub>	113 mm
D <sub>1</sub>	161 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	98 mm
d <sub>a</sub> - max.	113 mm
D <sub>a</sub> - max.	176 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	637 kN
Basic static load rating - C <sub>0</sub>	695 kN
Fatigue load limit - P <sub>u</sub>	67 kN
Reference speed	2600 r/min
Limiting speed	3600 r/min
Calculation factor - e	0.33
Calculation factor - Y <sub>1</sub>	2
Calculation factor - Y <sub>2</sub>	3



## Bearing Driveshaft do Brasil

Calculation factor - $Y_0$	2
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.612
EAN	7316570114676
Product Group	B04311
bore diameter:	90 mm
maximum rpm:	3600 RPM
outside diameter:	190 mm
operating temperature range:	Maximum of +390 ° F
overall width:	64 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	64 mm
dynamic load capacity:	610 kN
fillet radius:	2.5 mm
static load capacity:	695 kN
series:	223
$d_2$	113 mm
$D_1$	161 mm
$r_{1,2}$ min.	3 mm



## Bearing Driveshaft do Brasil

$D_a$ max.	176 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	637 kN
Basic static load rating $C_0$	695 kN
Fatigue load limit $P_u$	67 kN
Calculation factor e	0.33
Calculation factor $Y_1$	2
Calculation factor $Y_2$	3
Calculation factor $Y_0$	2
Mass bearing	8.85 kg
Recommended lock nut tightening angle	150 °