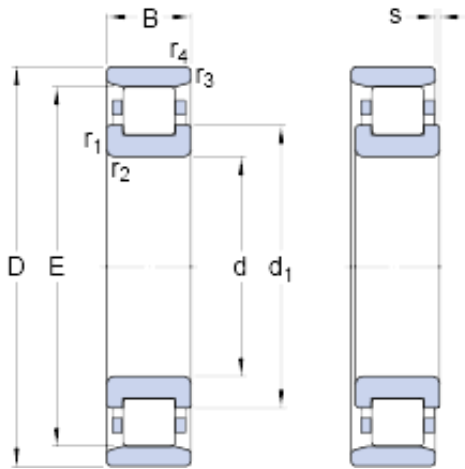




# BEARING USA CORP.



## 31.75 mm x 69.85 mm x 17.462 mm SKF CRL 10 A Ball bearing

Bearing No. CRL 10 A

Size	69.85x31.75x17.462 mm
Bore Diameter	69,85 mm
Outer Diameter	31,75 mm
Width	17,462 mm
d	31.75 mm
D	69.85 mm
B	17.462 mm
d <sub>1</sub>	45.4 mm
E	62.8 mm
r <sub>1,2</sub> - min.	1.6 mm
r <sub>3,4</sub> - min.	1.6 mm
s	1 mm
d <sub>a</sub> - min.	42 mm
d <sub>a</sub> - max.	61.2 mm
D <sub>a</sub> - min.	64 mm
D <sub>a</sub> - max.	64 mm
r <sub>a</sub> - max.	1.5 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	44.6 kN
Basic static load rating - C <sub>0</sub>	40 kN
Fatigue load limit - P <sub>u</sub>	5.1 kN
Reference speed	19000 r/min
Limiting speed	22000 r/min
Calculation factor - k <sub>r</sub>	0.12

CRL 10 A Bearing 2D drawings and 3D CAD models



# BEARING USA CORP.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.293
EAN	7316577104595
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Inch
Other Features	2 Rib Inner Ring   Plain Outer Ring   Cage on Inner Ring OD
Long Description	1-1/4" Bore; Straight Bore Profile; 2-3/4" Outside Diameter; 11/16" Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricata
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Keyword String	Cylindrical



## BEARING USA CORP.

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	CRL 10 A
Weight / LBS	0.645
Outside Diameter	2.75 Inch   69.85 Millimeter
Width	0.688 Inch   17.475 Millimeter
Bore	1.25 Inch   31.75 Millimeter
$d_1$	45.4 mm
$r_{1,2}$ min.	1.6 mm
$r_{3,4}$ min.	1.6 mm
s max.	1 mm
$d_a$ min.	42 mm
$d_a$ max.	61.2 mm
$D_a$ min.	64 mm
$D_a$ max.	64 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1.5 mm
Basic dynamic load rating C	44.6 kN
Basic static load rating $C_0$	40 kN
Fatigue load limit $P_u$	5.1 kN
Calculation factor $k_r$	0
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.28 kg