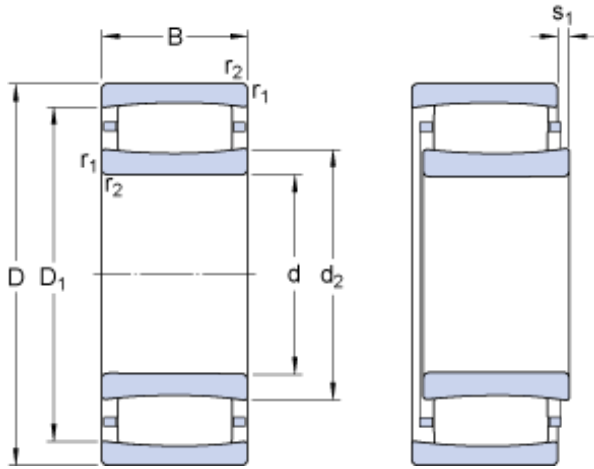




# AMERICAN BEARING MFG.CORP.



80 mm x 170 mm x 58 mm SKF C 2316  
cylindrical roller bearings

Bearing No. C 2316

C 2316 Bearing 2D drawings and 3D CAD models

Size	170x80x58 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	58 mm
d	80 mm
D	170 mm
B	58 mm
d <sub>2</sub>	102 mm
D <sub>1</sub>	146 mm
s <sub>1</sub>	10.1 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	92 mm
d <sub>a</sub> - max.	119 mm
D <sub>a</sub> - min.	133 mm
D <sub>a</sub> - max.	158 mm
C <sub>a</sub> - min.	2.4 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	510 kN
Basic static load rating - C <sub>0</sub>	550 kN
Fatigue load limit - P <sub>u</sub>	60 kN
Reference speed	3400 r/min
Limiting speed	4500 r/min
Factor - k <sub>1</sub>	0.107
Factor - k <sub>2</sub>	0.101



## AMERICAN BEARING MFG.CORP.

Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.291
Product Group	B04144
$d_2$	102 mm
$D_1$	146 mm
$s_1$ max.	10.1 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	92 mm
$d_a$ max.	119 mm
$D_a$ min.	133 mm
$D_a$ max.	158 mm
$C_a$ min.	2.4 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	510 kN
Basic static load rating $C_0$	550 kN
Fatigue load limit $P_u$	60 kN
Misalignment factor $k_1$	0.107
Operating clearance factor $k_2$	0.101
Mass bearing	6.3 kg