



**Bearing No. C 2315**

D	160 mm
d	75 mm
B	55 mm
Category	Roller Bearings
Size (mm)	160x75x55
Inventory	0.0
bore type:	Straight
Width (mm)	55
maximum rpm:	4800 rpm
Mass bearing	5.3 kg
s <sub>1</sub>	13.1 mm
closure type:	Open
Product Group	B04144
d <sub>2</sub>	98.5 mm
D <sub>1</sub>	137 mm
Limiting speed	4800 r/min
fillet radius:	2 mm
overall width:	55 mm
bore diameter:	75 mm
cage material:	Steel
Bearing number	C 2315
Reference speed	3600 r/min
outer ring width:	55 mm
Manufacturer Name	SKF
Weight / Kilogram	5.292
precision rating:	Not Rated
outside diameter:	160 mm
r <sub>a</sub> max.	2 mm
C <sub>a</sub> min.	2.2 mm
D <sub>a</sub> max.	148 mm

$D_a$ min.	126 mm
$d_a$ max.	113 mm
$d_a$ min.	87 mm
$s_1$ max.	13.1 mm
lubrication holes:	No Holes
Bore Diameter (mm)	160
internal clearance:	C0
Outer Diameter (mm)	75
$D_a$ - min.	126 mm
$r_a$ - max.	2 mm
Minimum Buy Quantity	N/A
$C_a$ - min.	2.2 mm
$r_{1,2}$ min.	2.1 mm
$D_a$ - max.	148 mm
$d_a$ - min.	87 mm
$d_a$ - max.	113 mm
$d_2$ ?	98.5 mm
$D_1$ ?	137 mm
static load capacity:	465 kN
dynamic load capacity:	425 kN
$r_{1,2}$ - min.	2.1 mm
Factor - $k_2$	0.107
Factor - $k_1$	0.103
Basic dynamic load rating C	425 kN
operating temperature range:	392 °F
Basic dynamic load rating - C	425 kN
Fatigue load limit $P_u$	52 kN
Misalignment factor $k_1$	0.103
Fatigue load limit - $P_u$	52 kN

Basic static load rating $C_0$	465 kN
Basic static load rating - $C_0$	465 kN
Operating clearance factor $k_2$	0.107