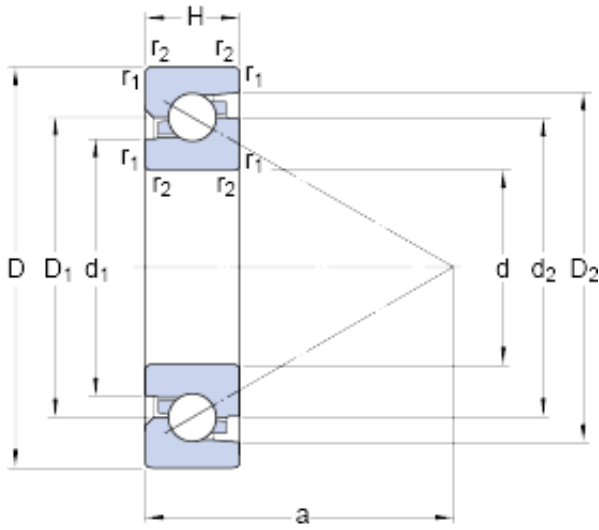




# CSC BEARING GROUP limited

## SKF BSD 4575 C Ball bearing

Bearing No. BSD 4575 C



BSD 4575 C Bearing 2D drawings and 3D CAD models

Size	45x75x15 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	15 mm
d	45 mm
D	75 mm
H	15 mm
d <sub>1</sub>	54.39 mm
d <sub>2</sub>	60 mm
D <sub>1</sub>	60.1 mm
D <sub>2</sub>	66.9 mm
r <sub>1,2</sub> - min.	1.1 mm
a	64 mm
d <sub>a</sub> - min.	53 mm
d <sub>b</sub> - min.	53 mm
D <sub>a</sub> - max.	69 mm
D <sub>b</sub> - max.	69 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	32.5 kN
Basic static load rating - C <sub>0</sub>	98 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Limiting speed for grease lubrication	7500 r/min
Limiting speed for oil lubrication	9000 mm/min



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Preload class A	2900 N
Preload class B	5800 N
Frictional moment, Preload class A	0.25 N · m
Frictional moment, Preload class B	0.41 N · m
Static Axial rigidity, Preload class A	1180 N/micron
Static Axial rigidity, Preload class B	1500 N/micron
Max. axial load - $F_a$	max. 40.2 kN
$G_{ref}$	2.7 cm <sup>3</sup>
$d_1$	54.39 mm
$d_2$	60 mm
$D_1$	60.1 mm
$D_2$	66.9 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	53 mm
$d_b$ min.	53 mm
$D_a$ max.	69 mm
$D_b$ max.	69 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating $C_0$	98 kN
Fatigue load limit $P_u$	3.65 kN
Attainable speed for grease lubrication	7500 r/min
Attainable speed for oil-air lubrication	9000 r/min
Frictional moment, preload class A	0.25 N · m
Frictional moment, preload class B	0.41 N · m
Static axial stiffness, preload A	1180 N/ $\mu$ m



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Static axial stiffness, preload B	1500 N/ $\mu$ m
Maximum axial load carrying capacity $F_a$ max.	40.2 kN
Reference grease quantity $G_{ref}$	2.7 cm <sup>3</sup>
Mass bearing	0.26 kg