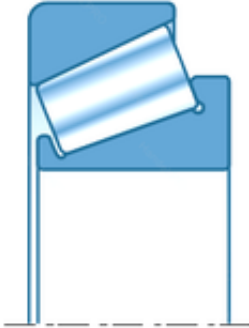




# IFB Roller Industry Co.,Ltd

## SKF BT1-8003/HA1 tapered roller bearings



Bearing No. BT1-8003/HA1

Size	479.425x717.55x136.525 mm
Bore Diameter	479,425 mm
Outer Diameter	717,55 mm
Width	136,525 mm
d	479,425 mm
D	717,55 mm
T	136,525 mm
B	130,175 mm
C	109,537 mm
d <sub>1</sub>	596 mm
r <sub>1,2</sub> min.	6.4 mm
r <sub>3,4</sub> min.	6.4 mm
a	127 mm
d <sub>a</sub> max.	542 mm
d <sub>b</sub> min.	512 mm
D <sub>a</sub> min.	640 mm
D <sub>a</sub> max.	685 mm
D <sub>b</sub> min.	679 mm
C <sub>a</sub> min.	18 mm
C <sub>b</sub> min.	26.5 mm
r <sub>a</sub> max.	6 mm
r <sub>b</sub> max.	6 mm
Basic dynamic load rating C	3030 kN
Basic static load rating C <sub>0</sub>	6800 kN
Fatigue load limit P <sub>u</sub>	490 kN
Reference speed	530 r/min

BT1-8003/HA1 Bearing 2D drawings and 3D CAD models



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Limiting speed	800 r/min
Calculation factor e	0.33
Calculation factor Y	1.8
Calculation factor $Y_0$	1
Mass bearing	190 kg