



**76.2 mm x 177.8 mm x 39.688 mm SKF AMS 24 ABP angular contact ball bearings**

Bearing No. AMS 24 ABP

AMS 24 ABP Bearing 2D drawings and 3D CAD models

Size	177.8x76.2x39.688 mm
Bore Diameter	177,8 mm
Outer Diameter	76,2 mm
Width	39,688 mm
d	76.2 mm
D	177.8 mm
B	39.688 mm
d <sub>1</sub>	107.8 mm
d <sub>2</sub>	97 mm
D <sub>1</sub>	142.15 mm
a	43 mm
r <sub>1,2</sub> - min.	4 mm
r <sub>3,4</sub> - min.	1.6 mm
d <sub>a</sub> - min.	92.71 mm
D <sub>a</sub> - max.	164.59 mm
D <sub>b</sub> - max.	168 mm
r <sub>a</sub> - max.	4 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	163 kN
Basic static load rating - C <sub>0</sub>	137 kN
Fatigue load limit - P <sub>u</sub>	5.1 kN
Reference speed	5000 r/min
Limiting speed	5000 r/min
Calculation factor - k <sub>r</sub>	0.1



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Calculation factor - $k_a$	1.4
Calculation factor - e	0.57
Calculation factor - X	0.43
Calculation factor - $Y_0$	0.42
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	1
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	31171531
Weight / Kilogram	4.303
EAN	7316577657893
Product Group	B00308
$d_1$	107.8 mm
$d_2$	97 mm
$D_1$	142.15 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	1.6 mm
$d_a$ min.	92.71 mm
$D_a$ max.	164.59 mm
$D_b$ max.	168 mm
$r_a$ max.	4 mm
$r_b$ max.	1.5 mm
Basic dynamic load rating C	163 kN
Basic static load rating $C_0$	137 kN
Fatigue load limit $P_u$	5.1 kN
Calculation factor A	0.0621
Calculation factor $k_r$	0.1
Calculation factor e	0.57
Calculation factor X	0.43
Calculation factor $Y_0$	0.42



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Calculation factor $Y_2$	1
Calculation factor $X$	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	5.21 kg