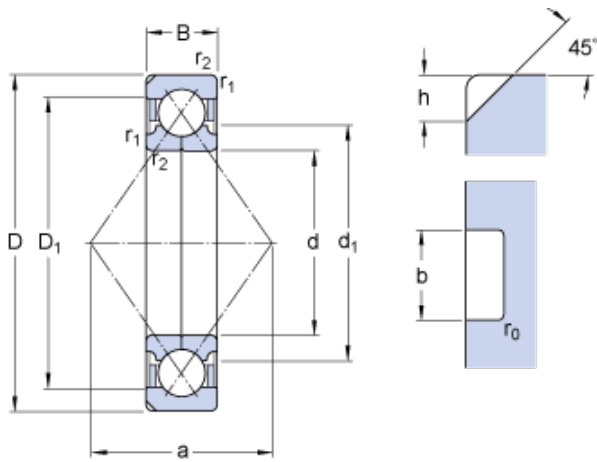




# NTN DRIVESHAFT ANDERSON, INC.



35 mm x 80 mm x 21 mm SKF QJ 307 N2PHAS angular contact ball bearings

Bearing No. QJ 307 N2PHAS

QJ 307 N2PHAS Bearing 2D drawings and 3D CAD models

Size	80x35x21 mm
Bore Diameter	80 mm
Outer Diameter	35 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
d <sub>1</sub>	46.2 mm
D <sub>1</sub>	64.3 mm
a	40 mm
h	4 mm
b	5.5 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	44 mm
D <sub>a</sub> - max.	71 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	64 kN
Basic static load rating - C <sub>0</sub>	51 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	13000 r/min
Limiting speed	15000 r/min
Calculation factor - k <sub>a</sub>	1.1
Calculation factor - e	0.95



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Calculation factor - X	0.6
Calculation factor - Y <sub>0</sub>	0.58
Calculation factor - Y <sub>1</sub>	0.66
Calculation factor - Y <sub>2</sub>	1.07
d <sub>1</sub>	46.2 mm
D <sub>1</sub>	64.3 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> min.	44 mm
D <sub>a</sub> max.	71 mm
r <sub>a</sub> max.	1.5 mm
Basic dynamic load rating C	64 kN
Basic static load rating C <sub>0</sub>	51 kN
Fatigue load limit P <sub>u</sub>	2.16 kN
Calculation factor A	0.00744
Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor Y <sub>0</sub>	0.58
Calculation factor Y <sub>1</sub>	0.66
Calculation factor Y <sub>2</sub>	1.07
Mass bearing	0.57 kg