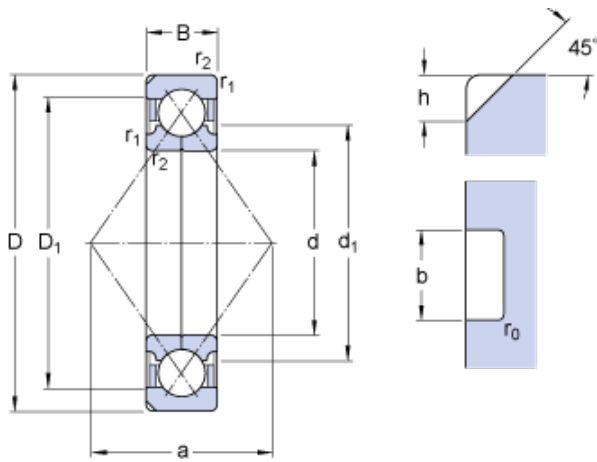




GF BEARING-SINGAPORE LTD.



35 mm x 80 mm x 21 mm skf QJ 307 N2PHAS
four-point 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 ₁	46.2 mm
D ₁	64.3 mm
a	40 mm
h	4 mm
b	5.5 mm
r ₀	0.5 mm
r _{1,2} - min.	1.5 mm
d _a - min.	44 mm
D _a - max.	71 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	64 kN
Basic static load rating - C ₀	51 kN
Fatigue load limit - P _u	2.2 kN
Reference speed	13000 r/min
Limiting speed	15000 r/min
Calculation factor - k _a	1.1
Calculation factor - e	0.95



GF BEARING-SINGAPORE LTD.

Calculation factor - X	0.6
Calculation factor - Y_0	0.58
Calculation factor - Y_1	0.66
Calculation factor - Y_2	1.07
d_1	46.2 mm
D_1	64.3 mm
r_0	0.5 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	44 mm
D_a max.	71 mm
r_a max.	1.5 mm
Basic dynamic load rating C	64 kN
Basic static load rating C_0	51 kN
Fatigue load limit P_u	2.16 kN
Calculation factor A	0.00744
Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor Y_0	0.58
Calculation factor Y_1	0.66
Calculation factor Y_2	1.07
Mass bearing	0.57 kg