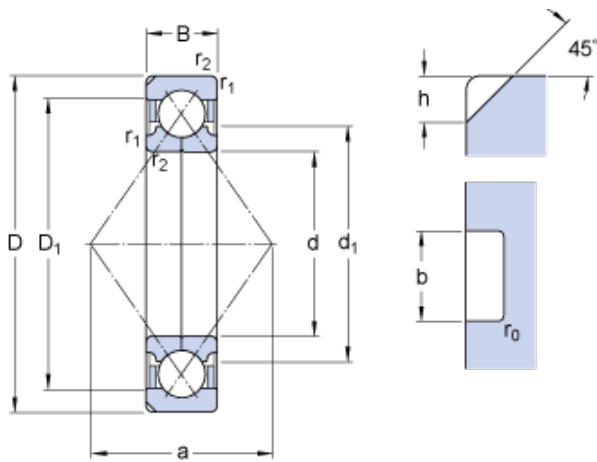




Bearing No. QJ 309 N2PHAS

D	100 mm
d	45 mm
B	25 mm
a	51 mm
h	5 mm
b	6.5 mm
Size (mm)	100x45x25
Width (mm)	25
Mass bearing	1.05 kg
r_0	0.5 mm
d_1	58 mm
D_1	81.2 mm
r_0	0.5 mm
Limiting speed	12000 r/min
Bearing number	QJ 309 N2PHAS
Reference speed	10000 r/min
r_a max.	1.5 mm
D_a max.	91 mm
d_a min.	54 mm
Bore Diameter (mm)	100
Outer Diameter (mm)	45
d_a - min.	54 mm
D_a - max.	91 mm
r_a - max.	1.5 mm
Calculation factor X	0.6
Calculation factor e	0.95
Calculation factor A	0.0202
$r_{1,2}$ min.	1.5 mm
D_1 ?	81.2 mm
d_1 ?	58 mm

Calculation factor - X	0.6
Calculation factor - e	0.95
$r_{1,2}$ - min.	1.5 mm
Basic dynamic load rating C	100 kN
Basic dynamic load rating - C	100 kN
Calculation factor Y_2	1.07
Calculation factor Y_1	0.66
Calculation factor Y_0	0.58
Fatigue load limit P_u	3.55 kN
Calculation factor - k_a	1.1
Fatigue load limit - P_u	3.6 kN
Calculation factor - Y_2	1.07
Calculation factor - Y_0	0.58
Calculation factor - Y_1	0.66
Basic static load rating C_0	83 kN
Basic static load rating - C_0	83 kN