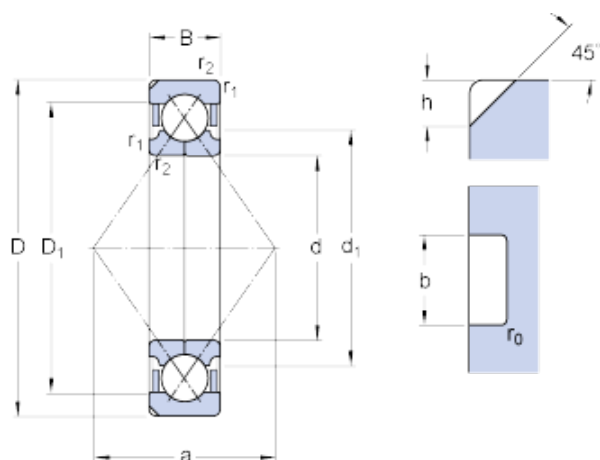




# NACHI BEARINGS TRAINING INDUSTRY



30 mm x 72 mm x 19 mm SKF QJ 306 N2PHAS  
angular contact ball bearings

Bearing No. QJ 306 N2PHAS

QJ 306 N2PHAS Bearing 2D drawings and 3D CAD models

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	40.5 mm
D <sub>1</sub>	58.2 mm
a	36 mm
h	3.5 mm
b	4.5 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	37 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	53 kN
Basic static load rating - C <sub>0</sub>	41.5 kN
Fatigue load limit - P <sub>u</sub>	1.8 kN
Reference speed	14000 r/min
Limiting speed	17000 r/min
Calculation factor - k <sub>a</sub>	1.1
Calculation factor - e	0.95



## NACHI BEARINGS TRAINING INDUSTRY

Calculation factor - X	0.6
Calculation factor - $Y_0$	0.58
Calculation factor - $Y_1$	0.66
Calculation factor - $Y_2$	1.07
$d_1$	40.5 mm
$D_1$	58.2 mm
$r_0$	0.5 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	37 mm
$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	53 kN
Basic static load rating $C_0$	41.5 kN
Fatigue load limit $P_u$	1.76 kN
Calculation factor A	0.00508
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	0.42 kg