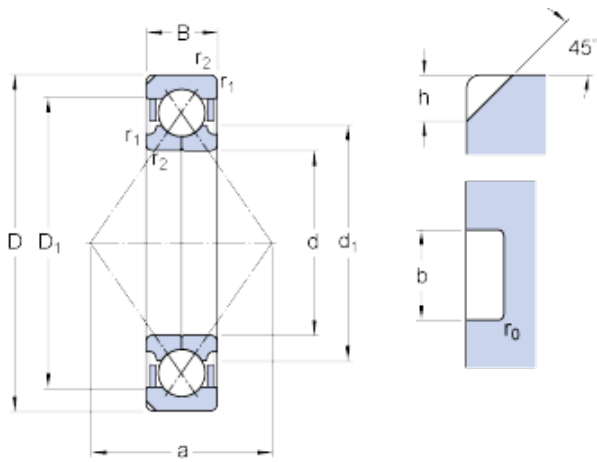




# NTPT NTK BEARINGS CO.,LTD.



70 mm x 125 mm x 24 mm SKF QJ 214  
N2PHAS Angular contact ball bearing

Bearing No. QJ 214 N2PHAS

QJ 214 N2PHAS Bearing 2D drawings and 3D CAD models

Size	125x70x24 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	24 mm
d	70 mm
D	125 mm
B	24 mm
d <sub>1</sub>	83.5 mm
D <sub>1</sub>	106 mm
a	68 mm
h	6.5 mm
b	6.5 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	79 mm
D <sub>a</sub> - max.	116 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	120 kN
Basic static load rating - C <sub>0</sub>	122 kN
Fatigue load limit - P <sub>u</sub>	5.2 kN
Reference speed	7500 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>a</sub>	1
Calculation factor - e	0.95



## NTPT NTK BEARINGS CO.,LTD.

Calculation factor - X	0.6
Calculation factor - $Y_0$	0.58
Calculation factor - $Y_1$	0.66
Calculation factor - $Y_2$	1.07
$d_1$	83.5 mm
$D_1$	106 mm
$r_0$	0.5 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	79 mm
$D_a$ max.	116 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	120 kN
Basic static load rating $C_0$	122 kN
Fatigue load limit $P_u$	5.2 kN
Calculation factor A	0.04
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	1.3 kg