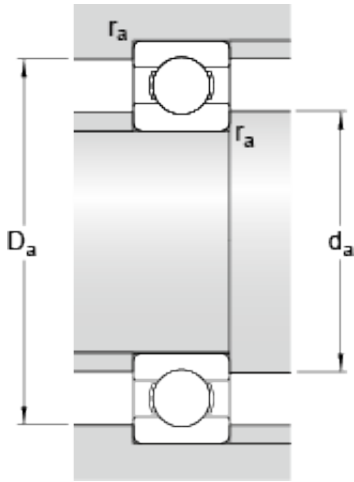




# NTPT NTK BEARINGS CO.,LTD.



## 6003/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6003/HC5C3

d	17 mm
D	35 mm
B	10 mm
d <sub>1</sub>	23 mm
D <sub>1</sub>	29.2 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> min.	19 mm
D <sub>a</sub> max.	33 mm
r <sub>a</sub> max.	0.3 mm
Basic dynamic load rating C	6.37 kN
Basic static load rating C <sub>0</sub>	3.25 kN
Fatigue load limit P <sub>u</sub>	0.137 kN
Reference speed	50000 r/min
Limiting speed	30000 r/min
Calculation factor k <sub>r</sub>	0.025
Calculation factor f <sub>0</sub>	14.4
Mass bearing	0.038 kg

6003/HC5C3 Bearing 2D drawings and 3D CAD models