



Bearing No. 7304 BECBPH

a	22.8 mm
d	20 mm
D	52 mm
B	15 mm
Size (mm)	52x20x15
Width (mm)	15
Mass bearing	0.14 kg
d <sub>1</sub>	33.15 mm
d <sub>2</sub>	26.75 mm
D <sub>1</sub>	40.5 mm
Limiting speed	18000 r/min
Bearing number	7304 BECBPH
Reference speed	18000 r/min
d <sub>a</sub> min.	27 mm
D <sub>a</sub> max.	45 mm
D <sub>b</sub> max.	47.8 mm
Bore Diameter (mm)	52
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.6 mm
Outer Diameter (mm)	20
r <sub>3,4</sub> min.	0.6 mm
r <sub>1,2</sub> min.	1.1 mm
Calculation factor A	0.00191
Calculation factor e	1.14
Calculation factor X	0.57
r <sub>b</sub> - max.	0.6 mm
r <sub>a</sub> - max.	1 mm
D <sub>b</sub> - max.	47.8 mm
D <sub>a</sub> - max.	45 mm
d <sub>a</sub> - min.	27 mm

D <sub>1</sub> ?	40.5 mm
d <sub>1</sub> ?	33.15 mm
d <sub>2</sub> ?	26.75 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	19 kN
Basic dynamic load rating - C	19 kN
Calculation factor k <sub>r</sub>	0.1
Calculation factor Y <sub>0</sub>	0.52
Calculation factor Y <sub>2</sub>	0.93
Calculation factor Y <sub>1</sub>	0.55
Fatigue load limit P <sub>u</sub>	0.425 kN
Calculation factor - Y <sub>0</sub>	0.26
Calculation factor - Y <sub>1</sub>	
Calculation factor - k <sub>a</sub>	1.6
Calculation factor - k <sub>r</sub>	0.1
Calculation factor - Y <sub>2</sub>	0.57
Fatigue load limit - P <sub>u</sub>	0.425 kN
Basic static load rating C <sub>0</sub>	10 kN
Basic static load rating - C <sub>0</sub>	10 kN