



Bearing No. 2308 E-2RS1KTN9 + H 2308

D	90 mm
d	35 mm
B	33 mm
Size (mm)	90x35x46
Width (mm)	46
D <sub>2</sub>	81.8 mm
B <sub>4</sub>	10 mm
d <sub>3</sub>	58 mm
d <sub>1</sub>	35 mm
B <sub>1</sub>	46 mm
d <sub>3</sub>	58 mm
B <sub>4</sub>	10 mm
B <sub>1</sub>	46 mm
Bearing number	2308 E-2RS1KTN9 + H 2308
Limiting speed	4800 r/min
D <sub>a</sub> max.	81 mm
B <sub>a</sub> min.	6 mm
r <sub>a</sub> max.	1.5 mm
d <sub>a</sub> max.	55 mm
Bore Diameter (mm)	90
d <sub>b</sub> min.	45 mm
Outer Diameter (mm)	35
Calculation factor e	0.23
B <sub>a</sub> - min.	6 mm
D <sub>a</sub> - max.	81 mm
d <sub>b</sub> - min.	45 mm
d <sub>a</sub> - max.	55 mm
r <sub>1,2</sub> min.	1.5 mm
	1.5 mm

ra - max.

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D <sub>2</sub> ?	81.8 mm
Calculation factor - e	0.23
r <sub>1,2</sub> - min.	1.5 mm
Fatigue load limit - P <sub>u</sub>	0.57 kN
Basic dynamic load rating C	33.8 kN
Mass bearing + adapter sleeve	1.18 kg
Basic dynamic load rating - C	33.8 kN
Fatigue load limit P <sub>u</sub>	0.57 kN
Calculation factor k <sub>r</sub>	0.05
Calculation factor Y <sub>0</sub>	2.8
Calculation factor Y <sub>1</sub>	2.7
Calculation factor Y <sub>2</sub>	4.2
Calculation factor - Y <sub>2</sub>	4.2
Calculation factor - Y <sub>1</sub>	2.7
Calculation factor - k <sub>r</sub>	0.05
Calculation factor - Y <sub>0</sub>	2.8
Permissible angular misalignment ?	1.5 °
Basic static load rating C <sub>0</sub>	11.2 kN
Basic static load rating - C <sub>0</sub>	11.2 kN