



Bearing No. 2309 E-2RS1KTN9 + H 2309

D	100 mm
d	40 mm
B	36 mm
Size (mm)	100x40x50
Width (mm)	50
D ₂	90 mm
B ₄	11 mm
d ₃	65 mm
d ₁	40 mm
B ₁	50 mm
d ₃	65 mm
B ₄	11 mm
B ₁	50 mm
Bearing number	2309 E-2RS1KTN9 + H 2309
Limiting speed	4300 r/min
D _a max.	91 mm
B _a min.	6 mm
r _a max.	1.5 mm
d _a max.	60.5 mm
Bore Diameter (mm)	100
d _b min.	50 mm
Outer Diameter (mm)	40
Calculation factor e	0.23
B _a - min.	6 mm
D _a - max.	91 mm
d _b - min.	50 mm
d _a - max.	60.5 mm
r _{1,2} min.	1.5 mm
	1.5 mm

ra - max.

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D ₂ ?	90 mm
Calculation factor - e	0.23
r _{1,2} - min.	1.5 mm
Fatigue load limit - P _u	0.695 kN
Basic dynamic load rating C	39 kN
Mass bearing + adapter sleeve	1.57 kg
Basic dynamic load rating - C	39 kN
Fatigue load limit P _u	0.7 kN
Calculation factor k _r	0.05
Calculation factor Y ₀	2.8
Calculation factor Y ₁	2.7
Calculation factor Y ₂	4.2
Calculation factor - Y ₂	4.2
Calculation factor - Y ₁	2.7
Calculation factor - k _r	0.05
Calculation factor - Y ₀	2.8
Permissible angular misalignment ?	1.5 °
Basic static load rating C ₀	13.4 kN
Basic static load rating - C ₀	13.4 kN