



Bearing No. 2310 E-2RS1KTN9 + H 2310

D	110 mm
d	45 mm
B	40 mm
Size (mm)	110x45x55
Width (mm)	55
D ₂	95.2 mm
B ₄	12 mm
d ₃	70 mm
d ₁	45 mm
B ₁	55 mm
d ₃	70 mm
B ₄	12 mm
B ₁	55 mm
Bearing number	2310 E-2RS1KTN9 + H 2310
Limiting speed	4000 r/min
D _a max.	99 mm
B _a min.	6 mm
r _a max.	2 mm
d _a max.	62.5 mm
Bore Diameter (mm)	110
d _b min.	56 mm
Outer Diameter (mm)	45
Calculation factor e	0.24
B _a - min.	6 mm
D _a - max.	99 mm
d _b - min.	56 mm
d _a - max.	62.5 mm
r _{1,2} min.	2 mm
	2 mm

ra - max.

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D ₂ ?	95.2 mm
Calculation factor - e	0.24
r _{1,2} - min.	2 mm
Fatigue load limit - P _u	0.72 kN
Basic dynamic load rating C	43.6 kN
Mass bearing + adapter sleeve	1.99 kg
Basic dynamic load rating - C	43.6 kN
Fatigue load limit P _u	0.72 kN
Calculation factor k _r	0.05
Calculation factor Y ₀	2.8
Calculation factor Y ₁	2.6
Calculation factor Y ₂	4.1
Calculation factor - Y ₂	4.1
Calculation factor - Y ₁	2.6
Calculation factor - k _r	0.05
Calculation factor - Y ₀	2.8
Permissible angular misalignment ?	1.5 °
Basic static load rating C ₀	14 kN
Basic static load rating - C ₀	14 kN