



BSF40100-DT
Double-Row Bearings (BSBD Series)

Boundary Dimensions

d	40	mm	Bore diameter
D	100	mm	Outside diameter
2B	68	mm	Assembled Width
r(min.)	0.6	mm	Chamfer Dimension
r1(min.)	0.6	mm	Chamfer Dimension

Basic Load Ratings

Ca	86.5	kN	Basic Dynamic Load Rating
C0a	176	kN	Basic Static Load Rating

Speeds

Grease	3500	min-1	Limiting Speed
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Dimensions

	60°		Contact Angle
d1	55.1	mm	Shoulder Diameter
D1	67.2	mm	Shoulder/Recess Diameter

Performance

	117	kN	Limiting Static Axial Load
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Additional information

T	14100	N	Recommended Clamping Force
	0.49	N · m	Starting Torque
A	1850	N/μm	Axial Rigidity
b	3	mm	Extraction groove position
l	59	mm	Extraction groove position
d2	8.8	mm	Through Hole for Attachment Bolts
J	80	mm	Pitch Diameter of Holes for Bolts
t	8 x 45°	mm	Number of bolts × Pitch

Mounting Bolts

	l	Bolt Type
	M8	Mounting Bolts Diameter
	7	Number of Mounting Bolts

Mass

	2.88	kg	Mass(approx.)
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