



BSF3080-DT

Double-Row Bearings (BSBD Series)

Boundary Dimensions

d	30	mm	Bore diameter
D	80	mm	Outside diameter
2B	56	mm	Assembled Width
r(min.)	0.6	mm	Chamfer Dimension
r1(min.)	0.6	mm	Chamfer Dimension

Basic Load Ratings

Ca	58.5	kN	Basic Dynamic Load Rating
C0a	111	kN	Basic Static Load Rating

Speeds

Grease	4500	min-1	Limiting Speed
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Dimensions

	60°		Contact Angle
d1	42.6	mm	Shoulder Diameter
D1	53	mm	Shoulder/Recess Diameter

Performance

	77.0	kN	Limiting Static Axial Load
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Additional information

T	8600	N	Recommended Clamping Force
	0.37	N · m	Starting Torque
A	1580	N/μm	Axial Rigidity
b	3	mm	Extraction groove position
l	47	mm	Extraction groove position
d2	6.8	mm	Through Hole for Attachment Bolts
J	63	mm	Pitch Diameter of Holes for Bolts
t	12 x 30°	mm	Number of bolts × Pitch

Mounting Bolts

	l	Bolt Type
	M6	Mounting Bolts Diameter
	11	Number of Mounting Bolts

Mass

	1.58	kg	Mass(approx.)
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