



PRODUCT DATASHEET

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BSF30100

Double-Row Bearings (BSBD Series)

Boundary Dimensions

d	30	mm	Bore diameter
D	100	mm	Outside diameter
B	38	mm	Width
r(min.)	0.6	mm	Chamfer Dimension
r1(min.)	0.6	mm	Chamfer Dimension

Basic Load Ratings

Ca	72.5	kN	Basic Dynamic Load Rating
C0a	94.0	kN	Basic Static Load Rating

Speeds

Grease	3900	min-1	Limiting Speed
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Dimensions

	60°		Contact Angle
d1	49.1	mm	Shoulder Diameter
D1	64.4	mm	Shoulder/Recess Diameter

Performance

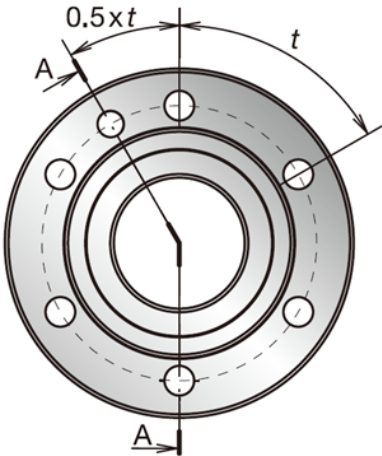
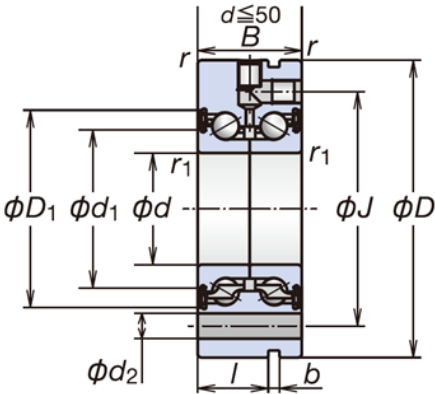
	66.5	kN	Limiting Static Axial Load
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Additional information

T	11100	N	Recommended Clamping Force
	0.59	N · m	Starting Torque
A	950	N/μm	Axial Rigidity
H	4855	N	Preload
b	3	mm	Extraction groove position
l	30	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

II		Bolt Type
M8		Mounting Bolts Diameter
8		Number of Mounting Bolts



Mass

1.71	kg	Mass(approx.)
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