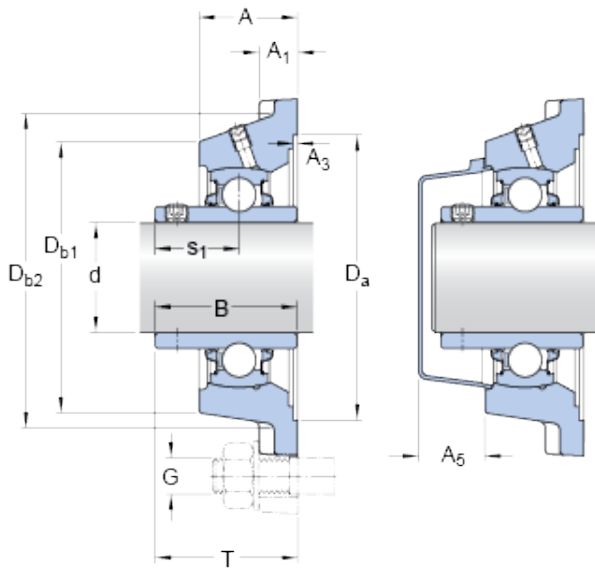




NTN BEARING-SUDAMERICANA, S.A.



SKF FY 45 TDW Bearing unit

Bearing No. FY 45 TDW

Size	45x39x14 mm
Bore Diameter	45 mm
Outer Diameter	39 mm
Width	14 mm
d	45 mm
A	39 mm
A ₁	14 mm
A ₃ - H14	3.2 mm
A ₅	23 mm
B	49.2 mm
D _a - H11	119.1 mm
D _{b1}	102 mm
D _{b2}	112 mm
J	105 mm
L	137 mm
H	16 mm
s ₁	30.2 mm
T	54.2 mm
J ₆	123 mm
J ₇	33.5 mm
N ₄	4 mm
R _G - 1/4-28 UNF	1/428 UNF
R ₁	24.5 mm
Basic dynamic load rating - C	33.2 kN

FY 45 TDW Bearing 2D drawings and 3D CAD models



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Basic static load rating - C_0	21.6 kN
Fatigue load limit - P_u	0.915 kN
Limiting speed	850 r/min
Mass bearing unit	1.95 kg
Thread - G_2	M8x1
Hexagonal key size for grub screw - H	4 mm
Housing material	Cast iron
D_a	119.1 mm
D_{b1}	102 mm
D_{b2}	112 mm
A_1	14 mm
A_3	3.2 mm
A_5	23 mm
N	16 mm
s_1	30.2 mm
R_G	1/4-28 UNF
J_6	123 mm
J_7	33.5 mm
N_4	4 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C_0	21.6 kN
Fatigue load limit P_u	0.915 kN
Thread grub screw G_2	M8x1
Hexagonal key size for grub screw N	4 mm
Recommended tightening torque for grub screw	6.5 N · m
Recommended diameter for attachment bolts, mm G	14 mm
Recommended diameter for attachment bolts, inch G	0.5625 in
Housing	FY 509 M/VZ033



NTN BEARING-SUDAMERICANA, S.A.

Bearing	YARAG 209
End cover	ECY 209