



SYFJ 45 TF Bearing 2D drawings and 3D CAD models

SKF SYFJ 45 TF bearing units

Bearing No. SYFJ 45 TF

Size	45x54x34 mm
Bore Diameter	45 mm
Outer Diameter	54 mm
Width	34 mm
d	45 mm
A	54 mm
A ₁	34 mm
B	49.2 mm
H	108.5 mm
H ₁	54.2 mm
H ₂	12 mm
J	90 mm
L	120 mm
s ₁	30.2 mm
D _N	6.5 mm
SW _N	7 mm
G _N - 1/4-28 SAE-LT	1/428 SAELT
R _G - 1/4-28 UNF	1/428 UNF
R ₁	4 mm
R	45 °
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
Limiting speed	4300 r/min



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Calculation factor - f_0	14
Weight	1.8 kg
Housing thread for attachment bolts - G	M14
Thread length - G_1	25 mm
Hexagonal key size for grub screw - H	4 mm
Recommended tightening torque for grub screw	6.5 N · m
Housing	SYFJ 509
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.971
Product Group	M06110
Housing material	Cast iron
A_1	34 mm
B_4	8 mm
H_1	54.2 mm
H_2	12 mm
s_1	30.2 mm
R_G	1/4-28 UNF
R_1	4 mm
R	45 °
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
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
Mass bearing unit	1.8 kg
Housing thread for	M14



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attachment bolts G	
Thread length G_1	25 mm
Thread grub screw G_2	M8x1
Hexagonal key size for grub screw N	4 mm