



Bearing No. SYJ 45 TF

J	143.5 mm
N	24.5 mm
L	190 mm
d	45 mm
A	52 mm
B	49.2 mm
H	24.5 mm
Weight	2.15 kg
J max.	151 mm
J min.	136 mm
J - max.	151 mm
J - min.	136 mm
Category	Bearings
Inventory	0.0
Size (mm)	45x52x36
Width (mm)	36
$D_N$	6.5 mm
Product Group	M06110
$H_2$	20 mm
$N_1$	17 mm
$A_1$	36 mm
$s_1$	30.2 mm
$R_G$	1/4-28 UNF
$R_1$	4 mm
$D_N$	6.5 mm
$R_1$	4 mm
$s_1$	30.2 mm
$N_4$	4 mm
$J_7$	18 mm
$A_1$	36 mm

H <sub>1</sub>	54 mm
H <sub>2</sub>	20 mm
N <sub>1</sub>	17 mm
J <sub>6</sub>	174 mm
J <sub>7</sub>	18 mm
N <sub>4</sub>	4 mm
H <sub>1</sub>	54 mm
J <sub>6</sub>	174 mm
G <sub>N</sub>	1/4-28 SAE-LT
B <sub>4</sub>	8 mm
SW <sub>N</sub>	7 mm
R <sub>?</sub>	45 °
Bearing number	SYJ 45 TF
SW <sub>N</sub>	7 mm
Limiting speed	4300 r/min
Housing material	Cast iron
Manufacturer Name	SKF
Mass bearing unit	2.15 kg
Weight / Kilogram	2.25
Bore Diameter (mm)	45
R <sub>?</sub>	45 °
Outer Diameter (mm)	52
Minimum Buy Quantity	N/A
R <sub>G</sub> - 1/4-28 UNF	1/428 UNF
Basic dynamic load rating C	33.2 kN
Basic dynamic load rating - C	33.2 kN
G <sub>N</sub> - 1/4-28 SAE-LT	1/428 SAELT
Thread grub screw G <sub>2</sub>	M8x1
Fatigue load limit P <sub>u</sub>	0.915 kN

Fatigue load limit - $P_u$	0.915 kN
Hexagonal key size for grub screw N	4 mm
Hexagonal key size for grub screw - H	4 mm
Basic static load rating $C_0$	21.6 kN
Basic static load rating - $C_0$	21.6 kN
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