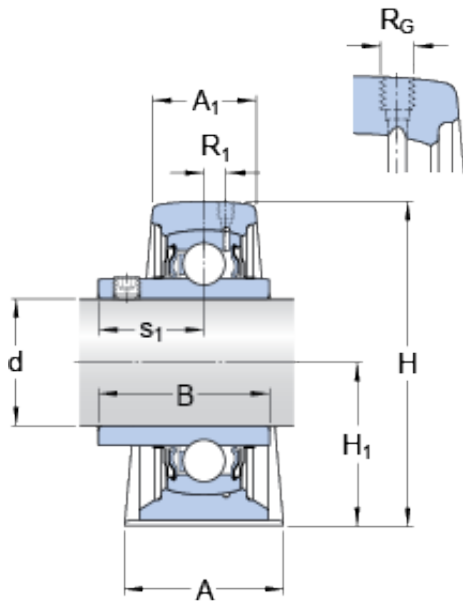




NTA PRECISION AXLE CORP.

SKF SYJ 2.1/2 TF bearing units

Bearing No. SYJ 2.1/2 TF



SYJ 2.1/2 TF Bearing 2D drawings and 3D CAD models

Size	63.5x70x49 mm
Bore Diameter	63,5 mm
Outer Diameter	70 mm
Width	49 mm
d	63.5 mm
A	70 mm
A ₁	49 mm
B	68.3 mm
H	150.5 mm
H ₁	76.2 mm
H ₂	27 mm
J	203 mm
J - max.	213 mm
J - min.	193 mm
L	265 mm
H	35 mm
N ₁	25 mm
s ₁	42.9 mm
J ₆	241 mm
J ₇	23 mm
N ₄	4 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



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R ₁	5.5 mm
R	45 °
Basic dynamic load rating - C	57.2 kN
Basic static load rating - C ₀	40 kN
Fatigue load limit - P _u	1.7 kN
Limiting speed	3000 r/min
Weight	5.9 kg
Hexagonal key size for grub screw - H	4.762 mm
Housing material	Cast iron
A ₁	49 mm
B ₄	10 mm
H ₁	76.2 mm
H ₂	27 mm
J max.	213 mm
J min.	193 mm
N	35 mm
N ₁	25 mm
s ₁	42.9 mm
R _G	1/4-28 UNF
R ₁	5.5 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	241 mm
J ₇	23 mm
N ₄	4 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C ₀	40 kN
Fatigue load limit P _u	1.7 kN



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Mass bearing unit	5.9 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm
Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for attachment bolts, mm G	20 mm
Recommended diameter for attachment bolts, inch G	0.75 in