



**Bearing No. SYJ 1.1/4 TF**

d	31.75 mm
A	46 mm
B	42,9 mm
G	14 mm
H	93 mm
J	129 mm
L	167 mm
N	24 mm
H2	17 mm
N1	17 mm
s1	25,4 mm
A1	28 mm
H1	47,6 mm
J min.	122 mm
Weight	1,55 Kg
J max.	136 mm
R <sub>1</sub>	3 mm
R <sub>G</sub>	1/4-28 UNF
s <sub>1</sub>	25.4 mm
N <sub>1</sub>	17 mm
G <sub>N</sub>	1/4-28 SAE-LT
H <sub>2</sub>	17 mm
H <sub>1</sub>	47.6 mm
B <sub>4</sub>	6 mm
A <sub>1</sub>	28 mm
J <sub>6</sub>	153 mm
J <sub>7</sub>	16 mm
N <sub>4</sub>	4 mm
D <sub>N</sub>	6.5 mm
Limiting speed	5300 r/min

SW <sub>N</sub>	7 mm
Bearing number	SYJ 1.1/4 TF
R <sub>2</sub>	45 °
Housing material	Cast iron
Mass bearing unit	1.5 kg
Bore Diameter (mm)	31.75
Fatigue load limit (Pu)	0,655
Basic dynamic load rating C	25.5 kN
Basic static load rating (C0)	15,3 kN
Basic dynamic load rating (C)	25,5 kN
Thread grub screw G <sub>2</sub>	5/16-24 UNF
Fatigue load limit P <sub>u</sub>	0.655 kN
Hexagonal key size for grub screw N	3.969 mm
Basic static load rating C <sub>0</sub>	15.3 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