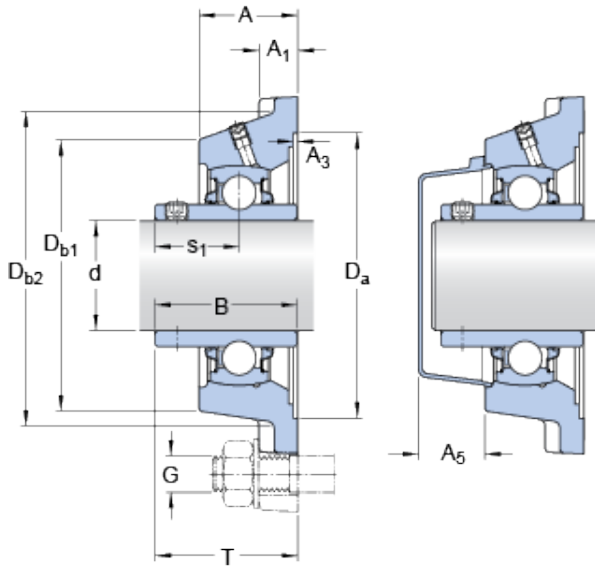




# Bearing equipment manufacturing Co., Ltd

## SKF FY 1.7/16 TDW bearing units

Bearing No. FY 1.7/16 TDW



FY 1.7/16 TDW Bearing 2D drawings and 3D CAD models

Size	36.512x34.5x13 mm
Bore Diameter	36,512 mm
Outer Diameter	34,5 mm
Width	13 mm
d	36.512 mm
A	34.5 mm
A <sub>1</sub>	13 mm
A <sub>3</sub> - H14	3.2 mm
A <sub>5</sub>	22 mm
B	42.9 mm
D <sub>a</sub> - H11	106.4 mm
D <sub>b1</sub>	87 mm
D <sub>b2</sub>	95 mm
J	92 mm
L	118 mm
H	14 mm
s <sub>1</sub>	25.4 mm
T	46.4 mm
J <sub>6</sub>	106 mm
J <sub>7</sub>	29 mm
N <sub>4</sub>	4 mm
R <sub>G</sub> - 1/4-28 UNF	1/428 UNF
R <sub>1</sub>	22.5 mm
Basic dynamic load rating - C	25.5 kN



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Basic static load rating - $C_0$	15.3 kN
Fatigue load limit - $P_u$	0.655 kN
Limiting speed	1100 r/min
Mass bearing unit	1.3 kg
Thread - $G_2$ - 5/16-24 UNF	5/1624 UNF
Hexagonal key size for grub screw - H	3.969 mm
Housing material	Cast iron
$D_a$	106.4 mm
$D_{b1}$	87 mm
$D_{b2}$	95 mm
$A_1$	13 mm
$A_3$	3.2 mm
$A_5$	22 mm
N	14 mm
$s_1$	25.4 mm
$R_G$	1/4-28 UNF
$J_6$	106 mm
$J_7$	29 mm
$N_4$	4 mm
Basic dynamic load rating C	25.5 kN
Basic static load rating $C_0$	15.3 kN
Fatigue load limit $P_u$	0.655 kN
Thread grub screw $G_2$	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m
Recommended diameter for attachment bolts, mm G	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in
Housing	FY 507 M/VZ033