



skf SY 1.3/8 TDW Ball bearing plummer block units

Bearing No. SY 1.3/8 TDW

SY 1.3/8 TDW Bearing 2D drawings and 3D CAD models

Size	34.925x45x27 mm
Bore Diameter	34,925 mm
Outer Diameter	45 mm
Width	27 mm
d	34.925 mm
A	45 mm
A ₁	27 mm
A ₅	22 mm
B	42.9 mm
H	93 mm
H ₁	47.6 mm
H ₂	19 mm
J	126 mm
J - max.	133 mm
J - min.	119 mm
L	160 mm
H	21 mm
N ₁	14 mm
s ₁	25.4 mm
J ₆	146 mm
J ₇	15.5 mm
N ₄	4 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
Weight	1.5 kg
Hexagonal key size for grub screw - H	3.969 mm
Housing material	Cast iron
A_1	27 mm
A_5	22 mm
B_4	6 mm
H_1	47.6 mm
H_2	19 mm
J max.	133 mm
J min.	119 mm
N	21 mm
N_1	14 mm
s_1	25.4 mm
J_6	146 mm
J_7	15.5 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
Mass bearing unit	1.5 kg
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



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Housing

SY 507 M/VZ033