



skf FYTB 1. LDW Ball bearing oval flanged units

Bearing No. FYTB 1. LDW

Size	25.4x41.7x30 mm
Bore Diameter	25,4 mm
Outer Diameter	41,7 mm
Width	30 mm
d	25.4 mm
d ₂	41.7 mm
A	30 mm
A ₁	12 mm
A ₃ - H14	3.2 mm
A ₅	18 mm
B ₁	33 mm
D _a - H11	63.5 mm
D _{b1}	65 mm
D _{b2}	70 mm
J	99 mm
H	124 mm
L	70 mm
H	11.5 mm
s ₁	21 mm
T	40 mm
J ₆	81 mm
J ₇	12 mm
N ₄	2 mm
R _G - 1/4-28 UNF	1/428 UNF
R ₁	20.5 mm

FYTB 1. LDW Bearing 2D drawings and 3D CAD models



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R	45 °
Basic dynamic load rating - C	14 kN
Basic static load rating - C ₀	7.8 kN
Fatigue load limit - P _u	0.335 kN
Limiting speed	1500 r/min
Mass bearing unit	0.57 kg
Thread - G ₂ - 1/4-28 UNF	1/428 UNF
Hexagonal key size for grub screw - H	3.175 mm
Housing material	Cast iron
d ₂	41.7 mm
D _a	63.5 mm
D _{b1}	65 mm
D _{b2}	70 mm
A ₁	12 mm
A ₃	3.2 mm
A ₅	18 mm
B ₁	33 mm
N	11.5 mm
s ₁	21 mm
R _G	1/4-28 UNF
R ₁	20.5 mm
R	45 °
J ₆	81 mm
J ₇	12 mm
N ₄	2 mm
Basic dynamic load rating C	14 kN
Basic static load rating C ₀	7.8 kN
Fatigue load limit P _u	0.335 kN
Thread grub screw G ₂	1/4-28 UNF
Hexagonal key size for grub screw N	3.175 mm



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Recommended tightening torque for grub screw	4 N · m
Recommended diameter for attachment bolts, mm G	10 mm
Recommended diameter for attachment bolts, inch G	0.375 in
Housing	FYTB 505 M/VZ033