

Y/UCFL 204/H

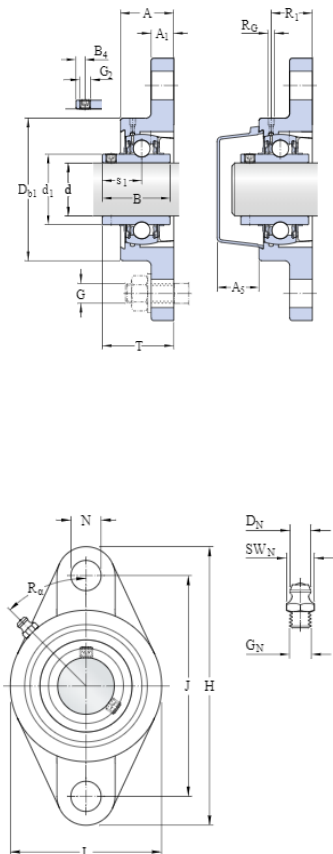
Oval flanged ball bearing units

Technical specification

Sealing solution

Standard seals with additional flingers

DIMENSIONS



d	20 mm
d ₁	≈ 28.2 mm
D _{b1}	60 mm
A	25.5 mm
A ₁	11 mm
A ₅	20.5 mm
B	31 mm
B ₄	4.5 mm
J	90 mm
H	113 mm
L	60 mm
N	12 mm
s ₁	18.3 mm
T	33.3 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	17 mm
R_α	45 °

GREASE FITTING

D_N	6.6 mm
SW_N	7.94 mm
G_N	1/4-28 UNF

CALCULATION DATA

Basic dynamic load rating	C	12.7 kN
Basic static load rating	C_0	6.55 kN
Fatigue load limit	P_u	0.28 kN
Limiting speed		6500 r/min

MASS

Mass bearing unit	0.44 kg
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MOUNTING INFORMATION

Set screw	G_2	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m
Recommended diameter for attachment bolts, mm	G	10 mm
Recommended diameter for attachment bolts, inch	G	9.525 mm

INCLUDED PRODUCTS

Housing	FL 204
Bearing	UC 204/H

ASSOCIATED PRODUCTS

End cover	ECY 204
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