

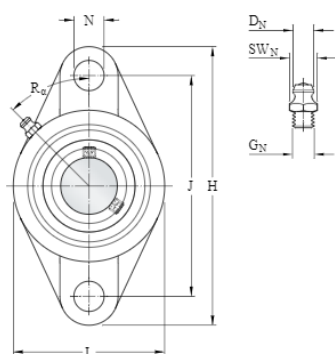
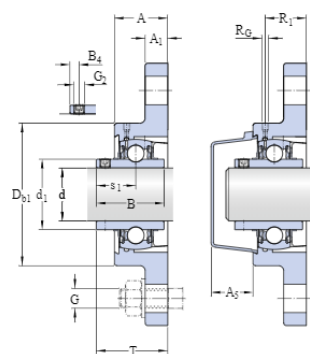
Y/UCFL 205/H

Oval flanged ball bearing units

Technical specification

Sealing solution

Standard seals with additional flingers



DIMENSIONS

d	25 mm
d ₁	≈ 33.74 mm
D _{b1}	68 mm
A	27 mm
A ₁	13 mm
A ₅	20.5 mm
B	34.1 mm
B ₄	5 mm
J	99 mm
H	130 mm
L	68 mm
N	16 mm
s ₁	19.8 mm
T	35.8 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	17.5 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	14 kN
Basic static load rating	C_0	7.8 kN
Fatigue load limit	P_u	0.335 kN
Limiting speed		5850 r/min

MASS

Mass bearing unit	0.61 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	14 mm
Recommended diameter for attachment bolts, inch	G	14.288 mm

INCLUDED PRODUCTS

Housing	FL 205
Bearing	UC 205/H

ASSOCIATED PRODUCTS

End cover	ECY 205
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