

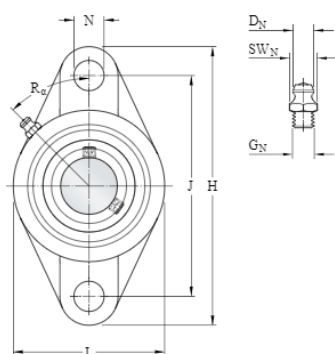
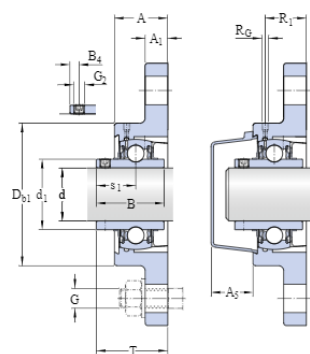
Y/UCFL 209/H

Oval flanged ball bearing units

Technical specification

Sealing solution

Standard seals with additional flingers



DIMENSIONS

d	45 mm
d ₁	≈ 56.8 mm
D _{b1}	108 mm
A	35 mm
A ₁	15 mm
A ₅	26.5 mm
B	49.2 mm
B ₄	8 mm
J	148 mm
H	188 mm
L	108 mm
N	19 mm
s ₁	30.2 mm
T	51.2 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	26 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	33.2 kN
Basic static load rating	C_0	21.6 kN
Fatigue load limit	P_u	0.915 kN
Limiting speed		3400 r/min

MASS

Mass bearing unit	1.8 kg
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MOUNTING INFORMATION

Set screw	G_2	M8x1
Hexagonal key size for set screw	N	4 mm
Recommended tightening torque for set screw		6.5 N·m
Recommended diameter for attachment bolts, mm	G	16 mm
Recommended diameter for attachment bolts, inch	G	15.875 mm

INCLUDED PRODUCTS

Housing	FL 209
Bearing	UC 209/H

ASSOCIATED PRODUCTS

End cover	ECY 209
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