

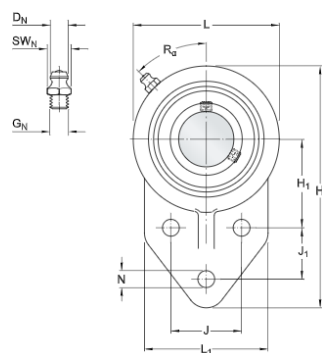
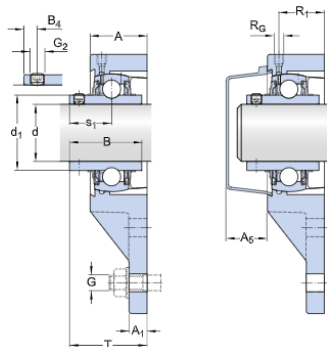
Y/UCFB 209/H

3-bolt bracket flanged ball bearing units

Technical specification

Sealing solution

Standard seals with additional flingers



DIMENSIONS

d	45 mm
d ₁	≈ 56.8 mm
A	37 mm
A ₁	18 mm
A ₅	26.5 mm
B	49.2 mm
B ₄	8 mm
J	54 mm
J ₁	43 mm
H	176 mm
H ₁	65 mm
L	106 mm
L ₁	80 mm
N	11 mm
s ₁	30.2 mm
T	50.2 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	24 mm
R_α	45 °

GREASE FITTING

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

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	2.15 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	10 mm
Recommended diameter for attachment bolts, inch	G	9.525 mm

INCLUDED PRODUCTS

Housing	FB 209
Bearing	UC 209/H

ASSOCIATED PRODUCTS

End cover	ECY 209
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