

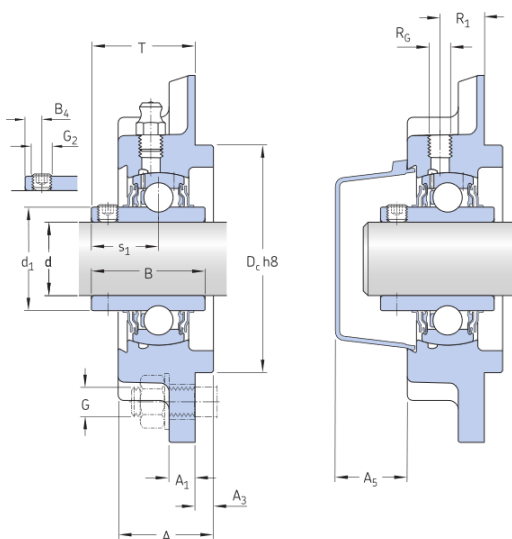
UCFC 204

Round and triangular flanged ball bearing units

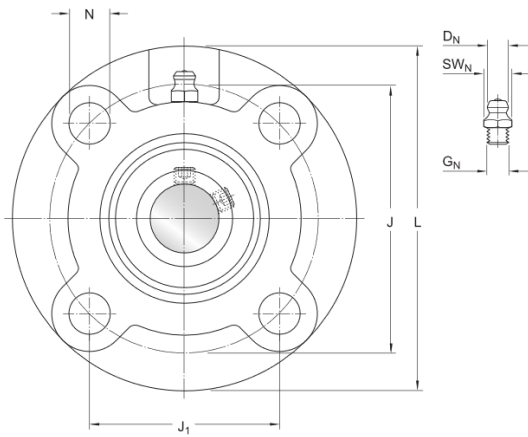
Technical specification

Compliance with standard	JIS
Purpose specific	For material handling applications
Housing material	Cast iron
Sealing solution	Standard seals with additional flingers

DIMENSIONS



d	20 mm	Bore diameter
d ₁	≈ 28.7 mm	Outer diameter inner ring
A	26 mm	Housing width
A ₁	7 mm	Flange width
A ₃	5 mm	Height of spherical seat centre
A ₅	20.5 mm	Standout of end cover
B	31 mm	Width of inner ring
B ₄	5 mm	Distance from locking device side face to thread centre
D _b	67.1 mm	External diameter
D _c	62 mm	Centering diameter
J	78 mm	Distance between attachment bolts



J_1	55.2 mm	Width of attachment bolt hole
L	100 mm	Overall width
N	12 mm	Length of attachment bolt hole
s_1	18.3 mm	Distance from locking device side face to raceway centre
T	28.3 mm	Overall unit width

THREADED HOLE

R_G	1/4-28 UNF	Housing thread for grease fitting
R_1	12 mm	Axial position of the housing thread

GREASE FITTING

D_f	6.6 mm	Diameter of head sphere of grease fitting
SV	7.94 mm	Hexagonal key size for the grease fitting
G_f	1/4-28 UNF	Thread of grease fitting

CALCULATION DATA

Basic dynamic load rating	C	12.7 kN
Basic static load rating	C_0	6.7 kN
Fatigue load limit	P_u	0.285 kN
Limiting speed		6 500 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.71 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x1
Hexagonal key size for set screw		3.05 mm
Recommended tightening torque for set screw		4 Nm
Recommended diameter for attachment bolts, mm	G	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

INCLUDED PRODUCTS

Housing		FC 204/Y
Bearing		UC 204

ASSOCIATED PRODUCTS

End cover		ECY 204
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