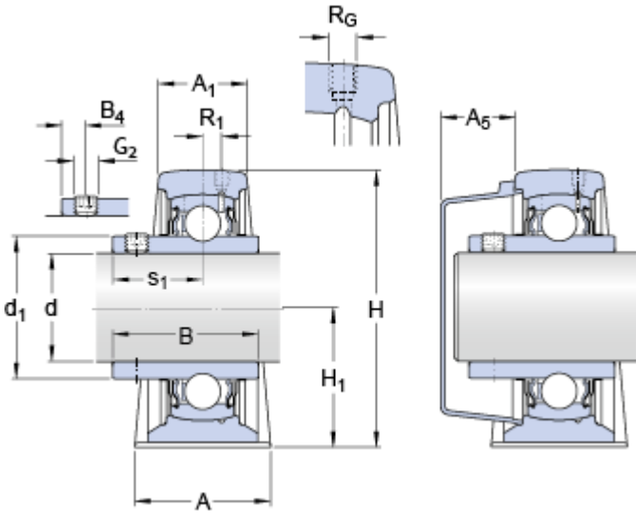
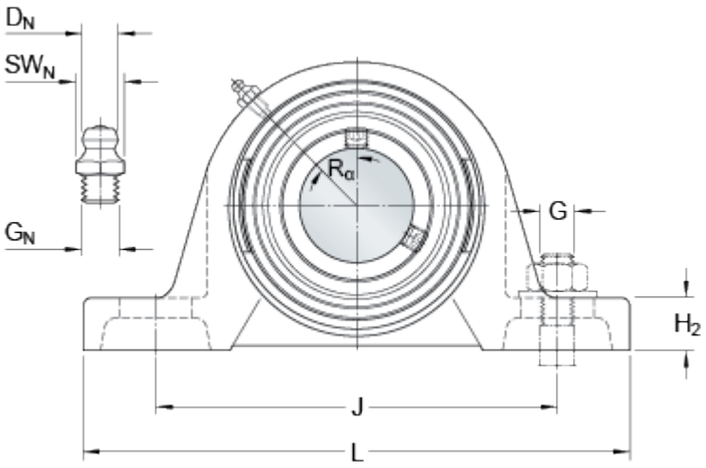
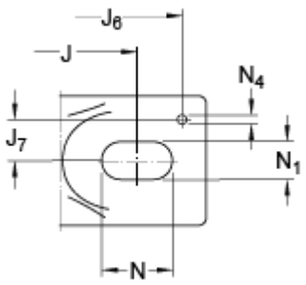
SY 55 TF

Compliance with standard	ISO
Housing material	Cast iron
Sealing solution	Standard seals with additional flingers

Dimensions







d		55	mm
d_1	≈	69.06	mm
A		60	mm
A_1		40	mm
A_5		37.5	mm
B		55.6	mm
B_4		9	mm
H		126	mm
H_1		63.5	mm
H_2		24	mm
J		171.5	mm
J	max.	181	mm
J	min.	162	mm
L		219	mm
N		27.5	mm
N_1		18	mm
s_1		33.4	mm

Threaded hole

R_G	1/4-28 UNF	
R_1	4.5	mm
R_α	45	°

Grease fitting

D_N	6.5	mm
SW_N	7	mm

	G_N	1/4-28 SAE-LT	

Dowel pins

J_6	201	mm
J_7	21	mm
N_4	4	mm

Calculation data

Basic dynamic load rating	C	43.6	kN
Basic static load rating	C_0	29	kN
Fatigue load limit	P_u	1.25	kN
Limiting speed		3600	r/min
with shaft tolerance h6			

Mass

Mass bearing unit	3.4	kg

Mounting information

Thread grub screw	G_2	M10x1	
Hexagonal key size for grub screw	N	5	mm
Recommended tightening torque for grub screw		16.5	N·m
Recommended diameter for attachment bolts, mm	G	16	mm
Recommended diameter for attachment bolts, inch	G	0.625	in

Included products

Housing	SY 511 M
Bearing	YAR 211-2F

Associated products

End cover	ECY 211