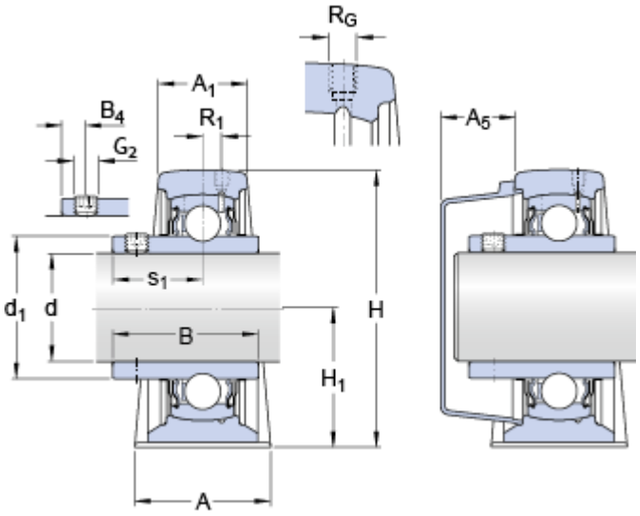
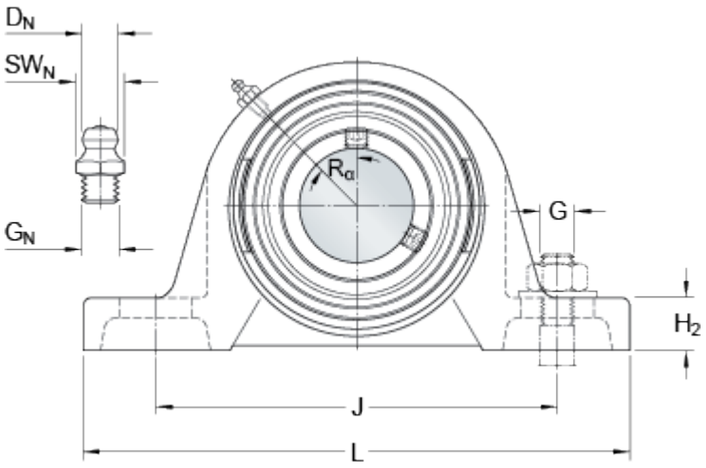
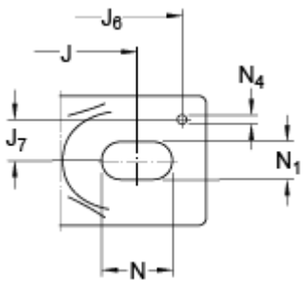
SY 60 TF

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

Dimensions







d		60	mm
d_1	≈	75.64	mm
A		60	mm
A_1		42	mm
A_5		39	mm
B		65.1	mm
B_4		10	mm
H		137.5	mm
H_1		69.9	mm
H_2		26.5	mm
J		190.5	mm
J	max.	202	mm
J	min.	179	mm
L		240	mm
N		29.5	mm
N_1		18	mm
s_1		39.7	mm

Threaded hole

R_G	1/4-28 UNF	
R_1	5.5	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	222	mm
J_7	21	mm
N_4	4	mm

Calculation data

Basic dynamic load rating	C	52.7	kN
Basic static load rating	C_0	36	kN
Fatigue load limit	P_u	1.53	kN
Limiting speed		3400	r/min
with shaft tolerance h6			

Mass

Mass bearing unit	4.4	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 512 M
Bearing	YAR 212-2F

Associated products

End cover	ECY 212