

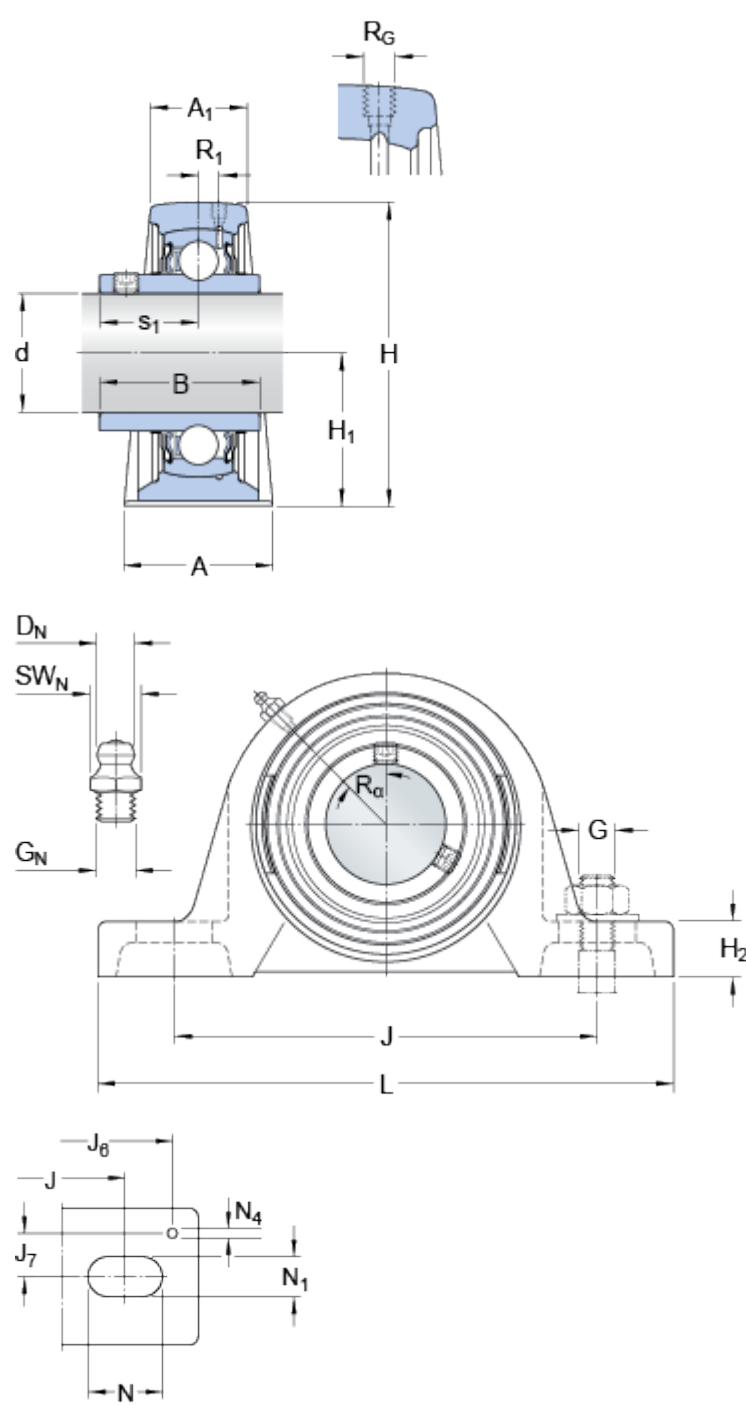
SY 12 TF

AYP_001_HC_HH_HY-AYL_001_HP.XX_NOTES_UL.category

Material

Cast iron

Dimensions



d	12	mm	
A	32	mm	
A ₁	18	mm	
B	27.4	mm	
H	57	mm	
H ₁	30.2	mm	
H ₂	14	mm	
J	97	mm	
J	max.	106	mm
J	min.	88	mm
L	127	mm	
N	20.5	mm	
N ₁	11.5	mm	
s ₁	15.9	mm	
Dowel pins			
J ₆	118	mm	
J ₇	11.5	mm	
N ₄	2	mm	
Grease fitting			
D _N	6.5	mm	
SW _N	7	mm	
G _N	1/4-28 SAE-LT		
Threaded hole			

		R _G	1/4-28 UNF
		R ₁	1 mm
		R _a	45 °

Calculation data

Basic dynamic load rating	C	9.6	kN
Basic static load rating	C ₀	4.8	kN
Fatigue load limit	P _u	0.2	kN
Limiting speed		9500	r/min
(with shaft tolerance h6)			

Mass

Mass of unit	0.46	kg
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Mounting information

Hexagonal key size for grub screw	N	3	mm
Recommended tightening torque for grub screw		4	N·m
Recommended diameter for attachment bolts, mm	G	10	mm
Recommended diameter for attachment bolts, inch	G	0.375	in

Appertaining products

Housing	SY 503 M
Bearing	YAR 203/12-2F