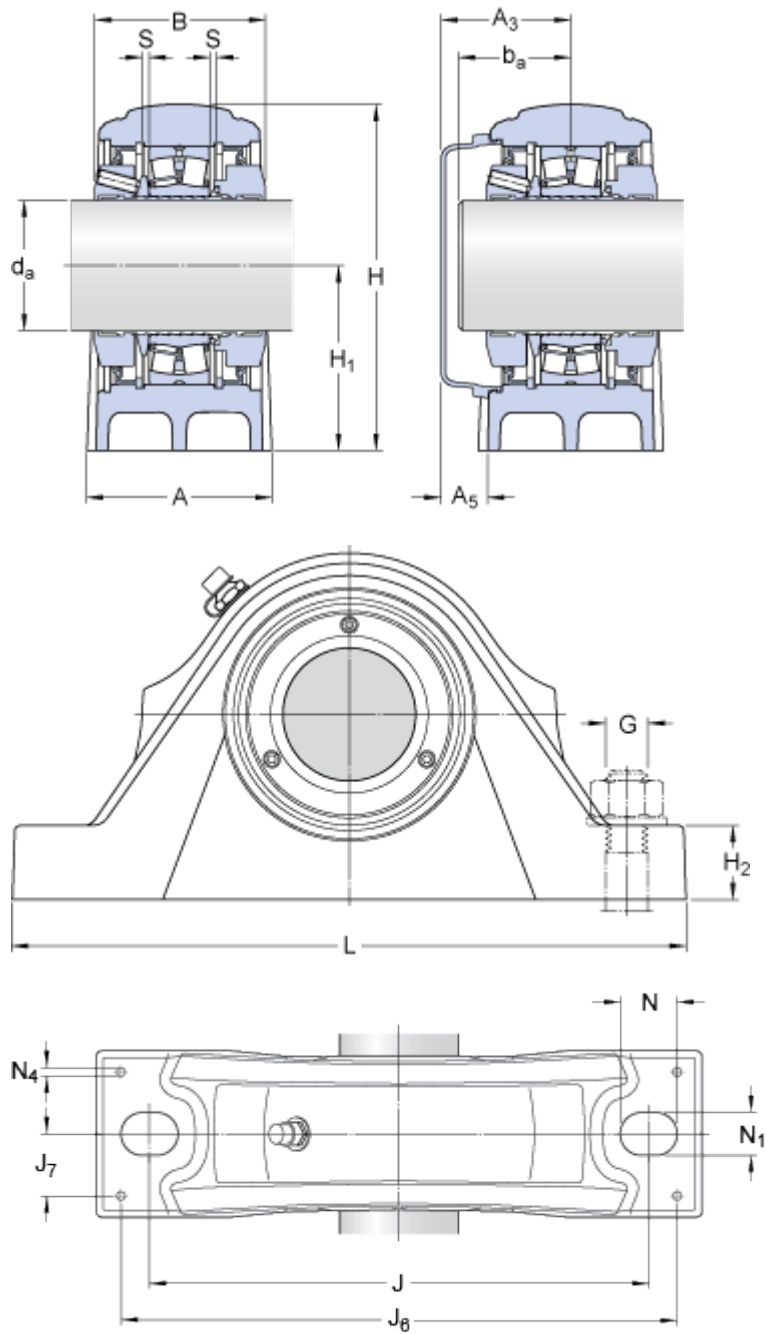


SYNT 55 L

Dimensions



d_a	55	mm
A	70	mm
B	65	mm
H	137	mm
H_1	70	mm
H_2	30	mm
J	210	mm
L	255	mm
N	24	mm
N_1	18	mm
S	2.5	mm

Shaft end

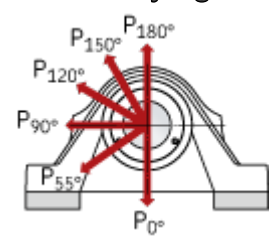
A_3	66	mm
A_5	34	mm
b_a	min. 34	mm
b_a	max. 55	mm

Dowel pins

J_6	234	mm
J_7	26	mm
N_4	max. 8	mm

Calculation data

Basic dynamic load rating	C	125	kN
Basic static load rating	C_0	137	kN
Fatigue load limit	P_u	13.7	kN
Limiting speed		3100	r/min
Calculation factor	e	0.24	
Calculation factor	Y_1	2.8	
Calculation factor	Y_2	4.2	

Bearing mean diameter	d _m	77.5	mm
Basic bearing designation		22211 E	
Load carrying ability 			
Breaking loads			
P _{0°}		210	kN
P _{55°}		350	kN
P _{90°}		210	kN
P _{120°}		140	kN
P _{150°}		120	kN
P _{180°}		150	kN
Axial holding power			
P _a		15	kN
Mass			
Mass bearing unit		6	kg
Mounting information			
Attachment bolt diameter	G	16	mm
Tightening torque for attachment bolts		200	N·m
Grub screws		3 x M 6	
Tightening torque for grub screws		8	N·m
Grease quantity for relubrication		5	g
Appropriate products			
End cover		ECY 211	