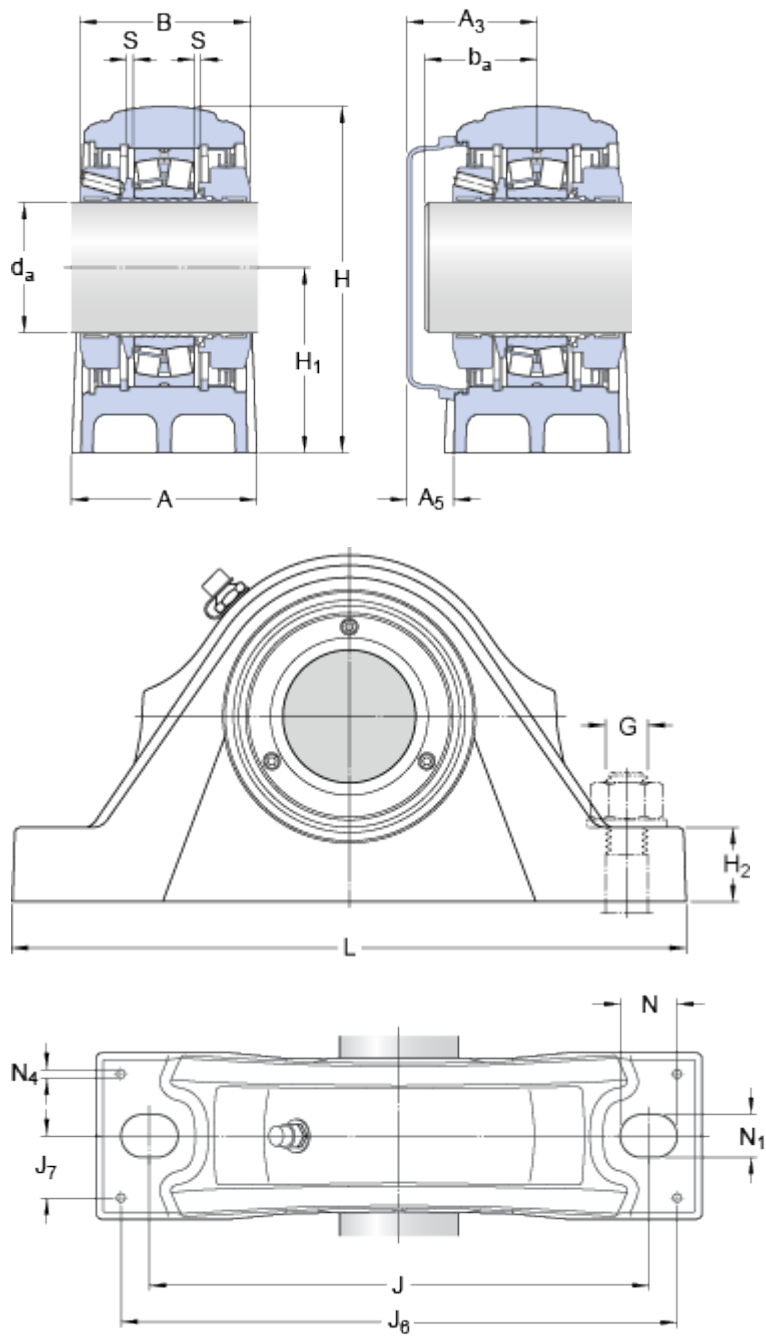


SYNT 65 LTS

Dimensions



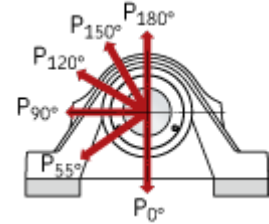
d_a	65	mm
A	80	mm
B	71	mm
H	158	mm
H_1	80	mm
H_2	30	mm
J	230	mm
L	280	mm
N	24	mm
N_1	18	mm
S	2.5	mm
Shaft end		
A_3	73	mm
A_5	35.5	mm
b_a	min. 38	mm
b_a	max. 65	mm
Dowel pins		
J_6	254	mm
J_7	29	mm
N_4	max. 8	mm

Calculation data

Basic dynamic load rating	C	193	kN
Basic static load rating	C_0	216	kN
Fatigue load limit	P_u	24	kN
Limiting speed		3800	r/min
Calculation factor	e	0.24	
Calculation factor	Y_1	2.8	
Calculation factor	Y_2	4.2	

Bearing mean diameter	d _m	92.5	mm
Basic bearing designation		22213 E	

Load carrying ability



Breaking loads		
P _{0°}	290	kN
P _{55°}	380	kN
P _{90°}	230	kN
P _{120°}	155	kN
P _{150°}	140	kN
P _{180°}	210	kN
Axial holding power		
P _a	20	kN

Mass

Mass bearing unit	8.7	kg
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Mounting information

Attachment bolt diameter	G	16	mm
Tightening torque for attachment bolts		200	N·m
Grub screws		4 x M 6	
Tightening torque for grub screws		8	N·m
Grease quantity for relubrication		7	g

Appropriate products

End cover	ECY 213
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