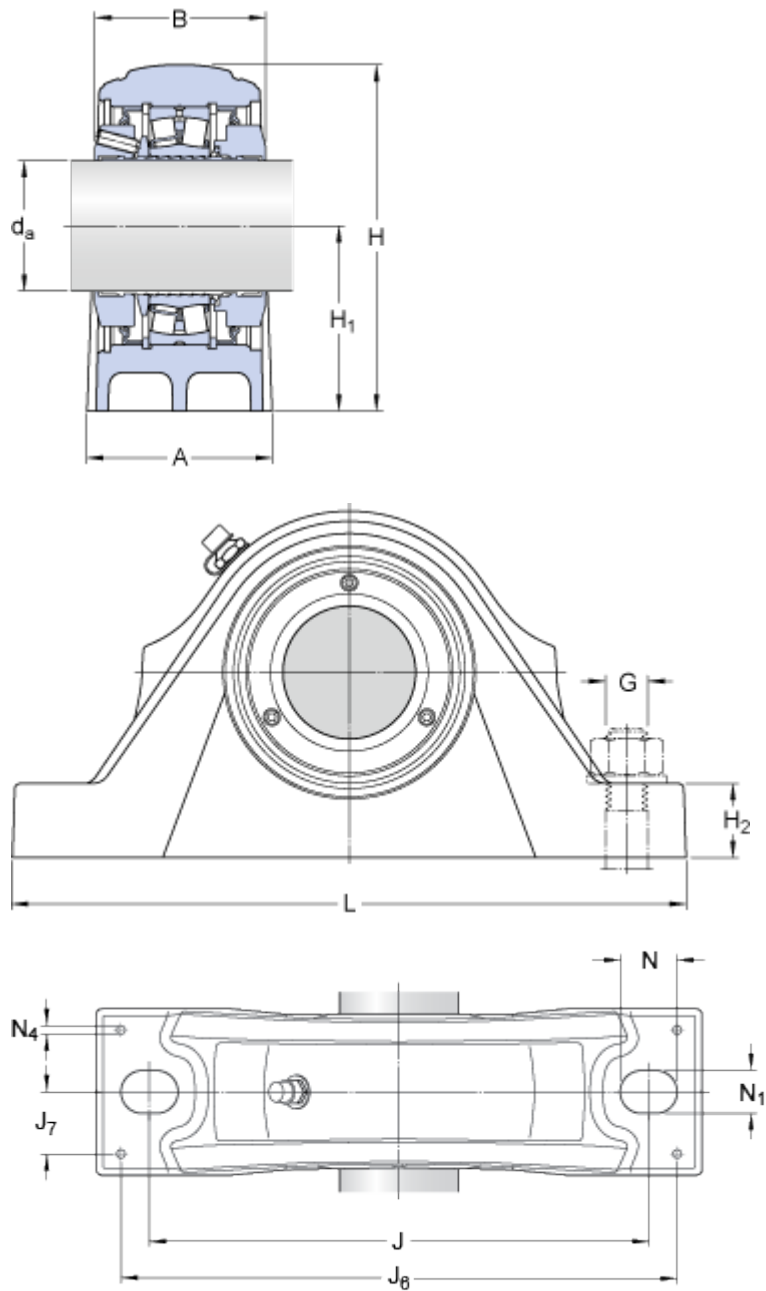


SYNT 100 FTF

Dimensions



d_a	100	mm
A	120	mm
B	86	mm
H	238	mm
H_1	125	mm
H_2	45	mm
J	350	mm
L	410	mm
N	32	mm
N_1	26	mm

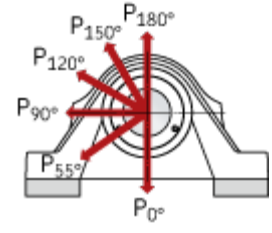
Dowel pins

J_6	385	mm
J_7	45	mm
N_4	max. 8	mm

Calculation data

Basic dynamic load rating	C	425	kN
Basic static load rating	C_0	490	kN
Fatigue load limit	P_u	49	kN
Limiting speed		1000	r/min
Calculation factor	e	0.24	
Calculation factor	Y_1	2.8	
Calculation factor	Y_2	4.2	
Bearing mean diameter	d_m	140	mm
Basic bearing designation		22220 E	

Load carrying ability



Breaking loads

P _{0°}	600	kN
P _{55°}	680	kN
P _{90°}	410	kN
P _{120°}	310	kN
P _{150°}	275	kN
P _{180°}	340	kN

Axial holding power

P _a	35	kN
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Mass

Mass bearing unit		26	kg
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Mounting information

Attachment bolt diameter	G	24	mm
Tightening torque for attachment bolts		665	N·m
Grub screws		7 x M 6	
Tightening torque for grub screws		8	N·m
Grease quantity for relubrication		17	g