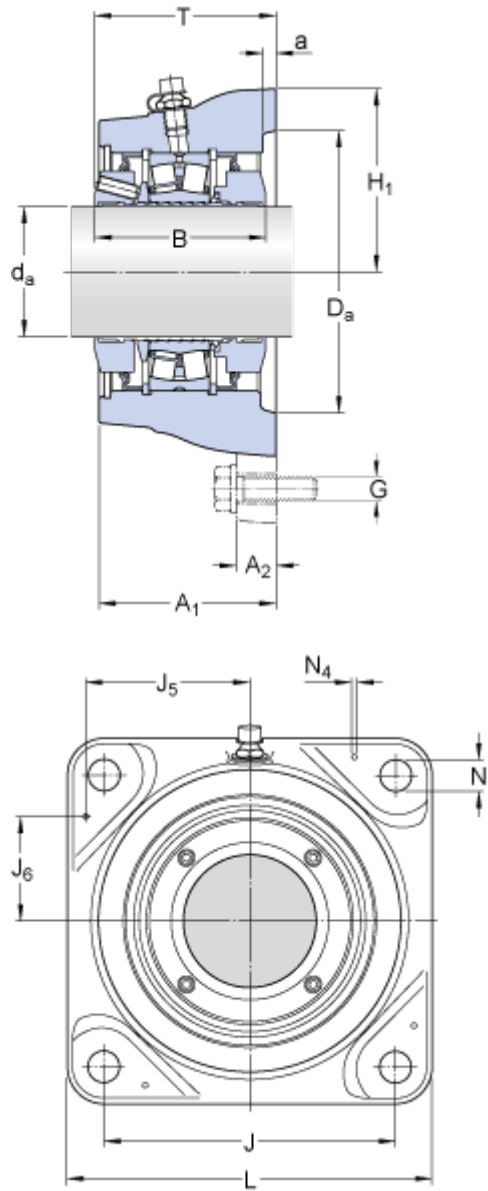


FYNT 100 F

Dimensions



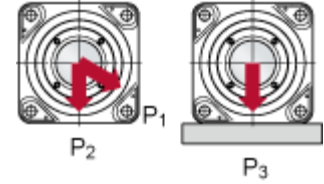
d _a	100	mm
A ₁	98	mm
A ₂	30	mm
T	max. 98.9	mm
B	86	mm
H	270	mm
H ₁	135	mm
J	219	mm
L	270	mm
D _a	220	mm
N	23	mm
a	6	mm
Dowel pins		
J ₅	122	mm
J ₆	78	mm
N ₄	max. 8	mm

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		2000	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	
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P ₁	190	kN
P ₂	200	kN
P ₃	640	kN

Axial holding power

P _a	35	kN
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Mass

Mass bearing unit	23	kg
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Mounting information

Attachment bolt diameter	G	20	mm
Tightening torque for attachment bolts		385	N·m
Grub screws		7 x M 6	
Tightening torque for grub screws		8	N·m
Grease quantity for relubrication		17	g