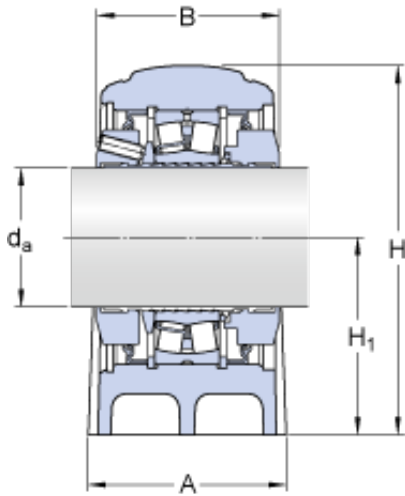




BEARING DRIVESHAFT, INC.



SYNT 90 FW Bearing 2D drawings and 3D CAD models

SKF SYNT 90 FW bearing units

Bearing No. SYNT 90 FW

Size	90x110x86 mm
Bore Diameter	90 mm
Outer Diameter	110 mm
Width	86 mm
d_a	90 mm
A	110 mm
B	86 mm
H	216 mm
H_1	112 mm
H_2	40 mm
J	320 mm
L	380 mm
H	32 mm
N_1	26 mm
J_6	355 mm
J_7	40 mm
N_4 - max.	8 mm
Basic dynamic load rating - C	325 kN
Basic static load rating - C_0	375 kN
Fatigue load limit - P_u	39 kN
Limiting speed	2100 r/min
Calculation factor - e	0.24
Calculation factor - Y_1	2.8
Calculation factor - Y_2	4.2



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Diameter - d_m	125 mm
Basic Designation bearing	22218 E
P_a	35 kN
P_{0°	470 kN
P_{55°	620 kN
P_{90°	370 kN
P_{120°	280 kN
P_{150°	250 kN
P_{180°	310 kN
Mass bearing unit	21 kg
d_a	90 mm
H_1	112 mm
H_2	40 mm
N	32 mm
N_1	26 mm
J_6	355 mm
J_7	40 mm
N_4 max.	8 mm
Basic dynamic load rating C	325 kN
Basic static load rating C_0	375 kN
Fatigue load limit P_u	39 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Bearing mean diameter d_m	125 mm
P_{0°	470 kN
P_{55°	620 kN
P_{90°	370 kN
P_{120°	280 kN
P_{150°	250 kN
P_{180°	310 kN



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P_a	35 kN
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