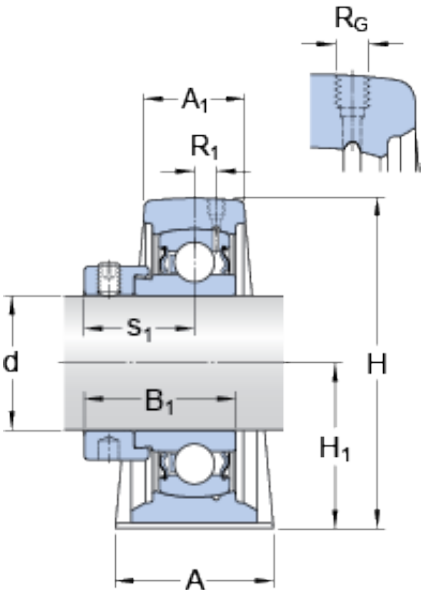




Bearing No. SYF 45 FM

L	120 mm
H	107.5 mm
d	45 mm
A	48 mm
J	95.3 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Seals	M Seal
UNSPSC	31171511
Weight	1.9 kg
series:	SYF
Housing	SYF 509
Category	Pillow Block
mounting:	Tapped Base
Inventory	0.0
Size (mm)	45x48x32
Width (mm)	32
bore type:	Round
bolt size:	12 mm
base width:	48 mm
Weight / LBS	4.08
maximum rpm:	4300 rpm
Product Group	M06110
Housing Style	2 Bolt Tap Base Pillow Block
B ₁	43.7 mm
A ₁	32 mm
H ₁	54 mm
G _N	1/4-28 SAE-LT
A ₁	32 mm

B ₁	43.7 mm
H ₁	54 mm
S ₁	32.7 mm
D _N	6.5 mm
D _N	6.5 mm
R ₁	4 mm
R ₁	4 mm
R _G	1/4-28 UNF
S ₁	32.7 mm
Inch - Metric	Metric
R ₂	45 °
bore diameter:	45 mm
Keyword String	Pillow Block
SW _N	7 mm
Other Features	Single Row Narrow Inner Race Short Base Y Bearing
Bearing number	SYF 45 FM
Relubricatable	Yes
Mounting Bolts	12 Millimeter
SW _N	7 mm
Limiting speed	4300 r/min
overall length:	120 mm
Rolling Element	Ball Bearing
Mounting Method	Eccentric Collar
locking device:	Eccentric Collar
overall height:	107.5 mm
Manufacturer URL	http://www.skf.com
Long Description	2 Bolt Tap Base Pillow Block; 45MM Bore; 54MM Base to Center Height; Eccentric Collar Mount; Ball Bearing;

	Relubricatable; Cast Iron; M Seal; Non-expansion
Housing Material	Cast Iron
Housing material	Cast iron
Length Thru Bore	1.72 Inch 43.7 Millimeter
Weight / Kilogram	2.048
lubrication type:	Lubrication Fitting
Manufacturer Name	SKF
Mass bearing unit	1.9 kg
housing material:	Cast Iron
Bore Diameter (mm)	45
Insert Part Number	YET 209
Outer Diameter (mm)	48
R ₂	45 °
Minimum Buy Quantity	N/A
Bolt Spacing Maximum	0 Inch 0Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
replacement bearing:	YET 209
Housing Configuration	1 Piece Solid
Base to Center Height	2.126 Inch 54 Millimeter
Harmonized Tariff Code	8483.20.40.40
Manufacturer Item Number	SYF 45 FM
manufacturer upc number:	7316570066401
Number of Mounting Holes	2
base to bore centerline:	54 mm
Expansion / Non-expansion	Non-expansion
R _G - 1/4-28 UNF	1/428 UNF

manufacturer product page:	Click here
Thread length G_1	22 mm
Basic dynamic load rating C	33.2 kN
Actual Bolt Center to Center	3.8 Inch 96Millimeter
radial static load capacity:	21.6 kN
radial dynamic load capacity:	33.2 kN
bolt center-to-center length:	95.3 mm
Basic dynamic load rating - C	33.2 kN
Nominal Bolt Center to Center	3.8 Inch 97 Millimeter
G_N - 1/4-28 SAE-LT	1/428 SAELT
Thread length - G_1	22 mm
Thread grub screw G_2	M10x1
Fatigue load limit P_u	0.915 kN
Calculation factor - f_0	14
Fatigue load limit - P_u	0.915 kN
Hexagonal key size for grub screw N	5 mm
Hexagonal key size for grub screw - H	5 mm
Housing thread for attachment bolts G	M12
Basic static load rating C_0	21.6 kN
Housing thread for attachment bolts - G	M12
Basic static load rating - C_0	21.6 kN
Recommended	16.5 N·m

tightening torque for grub screw	
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