



SYF 35 FM Bearing 2D drawings and 3D CAD models

SKF SYF 35 FM bearing units

Bearing No. SYF 35 FM

Size	35x45x27 mm
Bore Diameter	35 mm
Outer Diameter	45 mm
Width	27 mm
d	35 mm
A	45 mm
A ₁	27 mm
B ₁	38.9 mm
H	93 mm
H ₁	47.6 mm
J	82.6 mm
L	103 mm
s ₁	29.4 mm
D _N	6.5 mm
SW _N	7 mm
G _N - 1/4-28 SAE-LT	1/428 SAE LT
R _G - 1/4-28 UNF	1/428 UNF
R ₁	3 mm
R	45 °
Basic dynamic load rating - C	25.5 kN
Basic static load rating - C ₀	15.3 kN
Fatigue load limit - P _u	0.655 kN
Limiting speed	5300 r/min
Calculation factor - f ₀	14



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Weight	1.3 kg
Housing thread for attachment bolts - G	M10
Thread length - G ₁	15 mm
Hexagonal key size for grub screw - H	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Housing	SYF 507
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.3
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Eccentric Collar
Housing Style	2 Bolt Tap Base Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	10 Millimeter
Relubricatable	Yes
Insert Part Number	YET 207
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Narrow Inner Race Short Base Y Bearing
Long Description	2 Bolt Tap Base Pillow Block; 35MM Bore; 47.6MM Base to Center Height; Eccentric Collar Mount; Ball Bearing;



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	Relubricatable; Cast Iron; M Seal; Non-expansion
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SYF 35 FM
Weight / LBS	2.87
Nominal Bolt Center to Center	3.3 Inch 84 Millimeter
Bolt Spacing Minimum	0 Inch 0 Millimeter
Actual Bolt Center to Center	3.3 Inch 84 Millimeter
Bore	1.378 Inch 35 Millimeter
Length Thru Bore	1.531 Inch 38.9 Millimeter
Base to Center Height	1.874 Inch 47.6 Millimeter
Bolt Spacing Maximum	0 Inch 0 Millimeter
Housing material	Cast iron
A ₁	27 mm
B ₁	38.9 mm
H ₁	47.6 mm
s ₁	29.4 mm
R _G	1/4-28 UNF
R ₁	3 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
Basic dynamic load rating C	25.5 kN
Basic static load rating C ₀	15.3 kN
Fatigue load limit P _u	0.655 kN



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Mass bearing unit	1.3 kg
Housing thread for attachment bolts G	M10
Thread length G_1	15 mm
Thread grub screw G_2	M10x1
Hexagonal key size for grub screw N	5 mm