



BEARING USA CORP.



SKF SY 35 FM bearing units

Bearing No. SY 35 FM

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

Bore Diameter	35 mm
d	35 mm
s1	29,4 mm
A	45 mm
A1	27 mm
B1	38,9 mm
G	12 mm
H	93 mm
H1	47,6 mm
H2	19 mm
J	126 mm
L	160 mm
N	21 mm
N1	14 mm
Weight	1,55 Kg
Basic dynamic load rating (C)	25,5 kN
Basic static load rating (C0)	15,3 kN
Fatigue load limit (Pu)	0,655
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.55
EAN	7316570296815
Product Group	M06110
Number of Mounting Holes	2



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Mounting Method	Eccentric Collar
Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	12 Millimeter
Relubricatable	Yes
Insert Part Number	YET 207
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Standard Duty Narrow Inner Race Y Bearing
Long Description	2 Bolt Pillow Block; 35MM Bore; 47.6MM Base to Center Height; Eccentric Collar Mount; Ball Bearing; 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	SY 35 FM
Weight / LBS	3.42
Actual Bolt Center to Center	5 Inch 127Millimeter
Bore	1.378 Inch 35 Millimeter
Length Thru Bore	1.531 Inch 38.9 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Nominal Bolt Center to Center	5 Inch 127 Millimeter



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Bolt Spacing Maximum	0 Inch 0Millimeter
Base to Center Height	1.874 Inch 47.6 Millimeter
mounting:	Two-Bolt Base
overall width:	27 mm
bore diameter:	35 mm
radial dynamic load capacity:	25.5 kN
bore type:	Round
radial static load capacity:	15.3 kN
base to bore centerline:	1.8740 in
base width:	45 mm
housing material:	Cast Iron
bolt center-to-center length:	126 mm
locking device:	Eccentric Collar
maximum rpm:	5300 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	160 mm
series:	SY
overall height:	93 mm
replacement bearing:	YET 207
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A ₁	27 mm
A ₅	22 mm
B ₁	38.9 mm
H ₁	47.6 mm
H ₂	19 mm
J max.	133 mm
J min.	119 mm
N ₁	14 mm



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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
J_6	146 mm
J_7	15.5 mm
N_4	4 mm
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
Mass bearing unit	1.5 kg
Thread grub screw G_2	M10x1
Hexagonal key size for grub screw N	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for attachment bolts, mm G	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in