



PCIF BEARING LIMITED



skf sy 25 fm bearing

Bearing No. sy 25 fm

sy 25 fm Bearing 2D drawings and 3D CAD models

Bore Diameter	25 mm
d	25 mm
s1	23,5 mm
A	36 mm
A1	22 mm
B1	31 mm
G	10 mm
H	70,5 mm
H1	36,5 mm
H2	16 mm
J	102 mm
L	130 mm
N	19,5 mm
N1	11,5 mm
Weight	0,73 Kg
Basic dynamic load rating (C)	14 kN
Basic static load rating (C0)	7,8 kN
Fatigue load limit (Pu)	0,335
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.73
EAN	7316577036490
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	10 Millimeter
Relubricatable	Yes
Insert Part Number	YET 205
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; 25MM Bore; 36.5MM 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 25 FM
Weight / LBS	1.61
Length Thru Bore	1.22 Inch 31 Millimeter
Nominal Bolt Center to Center	4.1 Inch 105 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Actual Bolt Center to Center	4 Inch 102Millimeter



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Bore	0.984 Inch 25 Millimeter
Base to Center Height	1.437 Inch 36.5 Millimeter
mounting:	Two-Bolt Base
overall width:	22 mm
bore diameter:	25 mm
radial dynamic load capacity:	14 kN
bore type:	Round
radial static load capacity:	7.8 kN
base to bore centerline:	1.4370 in
base width:	36 mm
housing material:	Cast Iron
bolt center-to-center length:	102 mm
locking device:	Eccentric Collar
maximum rpm:	7000 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	130 mm
series:	SY
overall height:	70.5 mm
replacement bearing:	YET 205
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A ₁	22 mm
A ₅	18 mm
B ₁	31 mm
H ₁	36.5 mm
H ₂	16 mm
J max.	110 mm
J min.	94 mm
N ₁	11.5 mm



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s_1	23.5 mm
R_G	1/4-28 UNF
R_1	2 mm
R	45 °
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
J_6	120 mm
J_7	13 mm
N_4	4 mm
Basic dynamic load rating C	14 kN
Basic static load rating C_0	7.8 kN
Fatigue load limit P_u	0.335 kN
Limiting speed	7000 r/min
Mass bearing unit	0.71 kg
Thread grub screw G_2	M6x0.75
Hexagonal key size for grub screw N	3 mm
Recommended tightening torque for grub screw	4 N · m
Recommended diameter for attachment bolts, mm G	10 mm
Recommended diameter for attachment bolts, inch G	0.375 in
Housing	SY 505 M
Bearing	YET 205
End cover	ECY 205