



BROWNING BEARING COMPANY



skf sy 25 tf bearing

Bearing No. sy 25 tf

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

Bore Diameter	25 mm
d	25 mm
s1	19,8 mm
A	36 mm
A1	22 mm
B	34,1 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	0,72 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	0.72
EAN	7316577028013
Product Group	M06110
Number of Mounting Holes	2



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Mounting Method	Set Screw
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	YAR 205-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Standard Duty Wide Inner Race Y Bearing Has Flinger
Long Description	2 Bolt Pillow Block; 25MM Bore; 36.5MM Base to Center Height; Set Screw 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 TF
Weight / LBS	1.59
Bolt Spacing Minimum	0 Inch 0Millimeter
Nominal Bolt Center to Center	4.1 Inch 105 Millimeter
Actual Bolt Center to Center	4 Inch 102Millimeter
Bore	0.984 Inch 25 Millimeter
Base to Center Height	1.437 Inch 36.5 Millimeter



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Length Thru Bore	1.343 Inch 34.1 Millimeter
Bolt Spacing Maximum	0 Inch 0 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:	Set Screw
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:	YAR 205-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A ₁	22 mm
A ₅	18 mm
B ₄	5 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	19.8 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	0.7 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