



skf sy 20 tf bearing

Bearing No. sy 20 tf

sy 20 tf Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-----------------------|
| Bore Diameter | 20 mm |
| d | 20 mm |
| s1 | 18,3 mm |
| A | 32 mm |
| A1 | 21 mm |
| B | 31 mm |
| G | 10 mm |
| H | 65 mm |
| H1 | 33,3 mm |
| H2 | 14 mm |
| J | 97 mm |
| L | 127 mm |
| N | 20,5 mm |
| N1 | 11,5 mm |
| Weight | 0,57 Kg |
| Basic dynamic load rating (C) | 12,7 kN |
| Basic static load rating (C0) | 6,55 kN |
| Fatigue load limit (Pu) | 0,28 |
| Category | Pillow Block Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.57 |
| EAN | 7316577032133 |
| Product Group | M06110 |
| Number of Mounting Holes | 2 |



PRECISION BEARING CORP.

| | |
|----------------------------------|--|
| 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 204-2F |
| 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; 20MM Bore; 33.3MM 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 20 TF |
| Weight / LBS | 1.26 |
| Length Thru Bore | 1.22 Inch 31 Millimeter |
| Bolt Spacing Minimum | 0 Inch 0Millimeter |
| Nominal Bolt Center to Center | 3.8 Inch 97 Millimeter |
| Actual Bolt Center to Center | 3.8 Inch 96Millimeter |
| Bolt Spacing Maximum | 0 Inch 0Millimeter |



PRECISION BEARING CORP.

| | |
|-------------------------------|-------------------------------|
| Bore | 0.787 Inch 20 Millimeter |
| Base to Center Height | 1.311 Inch 33.3 Millimeter |
| mounting: | Two-Bolt Base |
| overall width: | 21 mm |
| bore diameter: | 20 mm |
| radial dynamic load capacity: | 12.7 kN |
| bore type: | Round |
| radial static load capacity: | 6.55 kN |
| base to bore centerline: | 1.3110 in |
| base width: | 32 mm |
| housing material: | Cast Iron |
| bolt center-to-center length: | 97 mm |
| locking device: | Set Screw |
| maximum rpm: | 8500 RPM |
| expansion type: | Non-Expansion Bearing (Fixed) |
| lubrication type: | Lubrication Fitting |
| overall length: | 127 mm |
| series: | SY |
| overall height: | 65 mm |
| replacement bearing: | YAR 204-2F |
| finish/coating: | Uncoated |
| standards met: | ISO |
| Housing material | Cast iron |
| A ₁ | 21 mm |
| A ₅ | 18.5 mm |
| B ₄ | 4.5 mm |
| H ₁ | 33.3 mm |
| H ₂ | 14 mm |
| J max. | 106 mm |
| J min. | 88 mm |
| N ₁ | 11.5 mm |



PRECISION BEARING CORP.

| | |
|---|---------------|
| s_1 | 18.3 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 | 118 mm |
| J_7 | 11.5 mm |
| N_4 | 2 mm |
| Basic dynamic load rating C | 12.7 kN |
| Basic static load rating C_0 | 6.55 kN |
| Fatigue load limit P_u | 0.28 kN |
| Limiting speed | 8500 r/min |
| Mass bearing unit | 0.55 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 |