



SKF SY 65 TF bearing units

Bearing No. SY 65 TF

SY 65 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	65 mm
d	65 mm
s1	42,9 mm
A	65 mm
A1	44 mm
B	68,3 mm
G	20 mm
H	151 mm
H1	76,2 mm
H2	29 mm
J	203 mm
L	257 mm
N	35 mm
N1	22 mm
Weight	5,7 Kg
Basic dynamic load rating (C)	57,2 kN
Basic static load rating (C0)	40 kN
Fatigue load limit (Pu)	1,7
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.72
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw



NTN BEARING USA CORP.

Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	20 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 213-2F
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; 65MM Bore; 76.2MM 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 65 TF
Weight / LBS	12.6
Bolt Spacing Minimum	0 Inch 0Millimeter
Base to Center Height	3 Inch 76.2 Millimeter
Actual Bolt Center to Center	8 Inch 203Millimeter
Nominal Bolt Center to Center	8 Inch 203 Millimeter
Bore	2.559 Inch 65 Millimeter
Length Thru Bore	2.689 Inch 68.3 Millimeter



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Bolt Spacing Maximum	0 Inch 0Millimeter
mounting:	Two-Bolt Base
overall width:	2-11/16 in
bore diameter:	65 mm
radial dynamic load capacity:	57.2 kN
bore type:	Round
radial static load capacity:	40 kN
base to bore centerline:	3.0000 in
base width:	65 mm
housing material:	Cast Iron
bolt center-to-center length:	203 mm
locking device:	Set Screw
maximum rpm:	3000 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	257 mm
series:	SY
overall height:	151 mm
replacement bearing:	YAR 213-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A ₁	44 mm
A ₅	35.5 mm
B ₄	10 mm
H ₁	76.2 mm
H ₂	29 mm
J max.	216 mm
J min.	190 mm
N ₁	22 mm
s ₁	42.9 mm



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R_G	1/4-28 UNF
R_1	5.5 mm
R	45 °
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
J_6	238 mm
J_7	22.5 mm
N_4	4 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C_0	40 kN
Fatigue load limit P_u	1.7 kN
Limiting speed	3000 r/min
Mass bearing unit	5.35 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	20 mm
Recommended diameter for attachment bolts, inch G	0.75 in