



BEARING-SINGAPORE (PTE)LTD.



SKF SY 60 TR bearing units

Bearing No. SY 60 TR

Bore Diameter	60 mm
d	60 mm
s1	39,7 mm
A	60 mm
A1	42 mm
B	65,1 mm
G	16 mm
H	138 mm
H1	69,8 mm
H2	26,5 mm
J	190,5 mm
L	240 mm
N	29,5 mm
N1	18 mm
Weight	4,45 Kg
Basic dynamic load rating (C)	52,7 kN
Basic static load rating (C0)	36 kN
Fatigue load limit (Pu)	1,53
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.802
EAN	7316570296631
Product Group	M06110
Number of Mounting Holes	2

SY 60 TR Bearing 2D drawings and 3D CAD models



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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	16 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 212-2RF
Seals	Multi Function 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; 60MM Bore; 70MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; Multi Function 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 60 TR
Weight / LBS	9.81
Actual Bolt Center to Center	7.5 Inch 190Millimeter
Bore	2.362 Inch 60 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Base to Center Height	2.756 Inch 70 Millimeter



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Length Thru Bore	2.563 Inch 65.09 Millimeter
Nominal Bolt Center to Center	7.3 Inch 184 Millimeter
mounting:	Two-Bolt Base
base width:	60 mm
bore diameter:	60 mm
bolt center-to-center length:	190.5 mm
bore type:	Round
maximum rpm:	1800 rpm
base to bore centerline:	69.9 mm
bolt size:	16 mm
housing material:	Cast Iron
lubrication type:	Lubrication Fitting
locking device:	Set Screw
series:	SY
overall length:	240 mm
replacement bearing:	YAR 212-2RF
overall height:	137.5 mm
manufacturer product page:	Click here
radial dynamic load capacity:	52.7 kN
manufacturer upc number:	7316570296631
radial static load capacity:	36 kN
Housing material	Cast iron
A ₁	42 mm
A ₅	35.5 mm
B ₄	10 mm
H ₁	69.9 mm
H ₂	26.5 mm
J max.	202 mm
J min.	179 mm
N ₁	18 mm



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s_1	39.7 mm
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	222 mm
J_7	21 mm
N_4	4 mm
Basic dynamic load rating C	52.7 kN
Basic static load rating C_0	36 kN
Fatigue load limit P_u	1.53 kN
Limiting speed	1800 r/min
Mass bearing unit	4.35 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	16 mm
Recommended diameter for attachment bolts, inch G	0.625 in
Housing	SY 512 M
Bearing	YAR 212-2RF
End cover	ECY 212