



# LLC NTN-SNR BEARINGS RUS



## SKF SY 35 TF bearing units

Bearing No. SY 35 TF

SY 35 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	35 mm
d	35 mm
s1	25,4 mm
A	45 mm
A1	27 mm
B	42,9 mm
G	12 mm
H	93 mm
H1	47,6 mm
H2	19 mm
J	126 mm
L	160 mm
N	21 mm
N1	14 mm
Weight	1,45 Kg
Basic dynamic load rating (C)	25,5 kN
Basic static load rating (C0)	15,3 kN
Fatigue load limit (Pu)	0,655
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.45
EAN	7316577032126
Product Group	M06110
Number of Mounting Holes	2



## LLC NTN-SNR BEARINGS RUS

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	12 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 207-2F
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; 35MM Bore; 47.6MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	SY 35 TF
Weight / LBS	3.2
Length Thru Bore	1.689 Inch   42.9 Millimeter
Nominal Bolt Center to Center	5 Inch   127 Millimeter
Actual Bolt Center to Center	5 Inch   127Millimeter
Bore	1.378 Inch   35 Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter



## LLC NTN-SNR BEARINGS RUS

Base to Center Height	1.874 Inch   47.6 Millimeter
Bolt Spacing Minimum	0 Inch   0 Millimeter
mounting:	Two-Bolt Base
overall width:	27 mm
bore diameter:	35 mm
radial dynamic load capacity:	25.5 kN
bore type:	Round
radial static load capacity:	15.3 kN
base to bore centerline:	1.8740 in
base width:	45 mm
housing material:	Cast Iron
bolt center-to-center length:	126 mm
locking device:	Set Screw
maximum rpm:	5300 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	160 mm
series:	SY
overall height:	93 mm
replacement bearing:	YAR 207-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A <sub>1</sub>	27 mm
A <sub>5</sub>	22 mm
B <sub>4</sub>	6 mm
H <sub>1</sub>	47.6 mm
H <sub>2</sub>	19 mm
J max.	133 mm
J min.	119 mm
N <sub>1</sub>	14 mm



## LLC NTN-SNR BEARINGS RUS

$s_1$	25.4 mm
$R_G$	1/4-28 UNF
$R_1$	3 mm
R	45 °
$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT
$J_6$	146 mm
$J_7$	15.5 mm
$N_4$	4 mm
Basic dynamic load rating C	25.5 kN
Basic static load rating $C_0$	15.3 kN
Fatigue load limit $P_u$	0.655 kN
Limiting speed	5300 r/min
Mass bearing unit	1.45 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	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in
Housing	SY 507 M
Bearing	YAR 207-2F
End cover	ECY 207