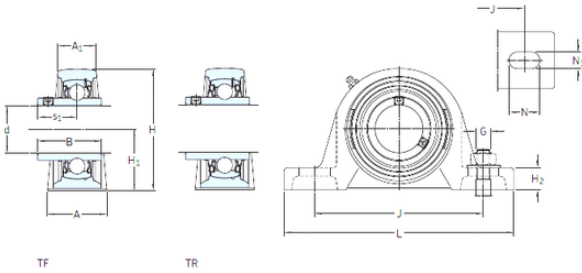




# Timken BEARING MFG.CORP



## SKF SY 25 WF bearing units

Bearing No. SY 25 WF

SY 25 WF Bearing 2D drawings and 3D CAD models

Bore Diameter	25 mm
d	25 mm
s1	26,9 mm
A	36 mm
A1	22 mm
B1	44,4 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	0,78 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	0.78
EAN	7316570070729
Product Group	M06110
Number of Mounting Holes	2



## Timken BEARING MFG.CORP

Mounting Method	Eccentric Collar
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	YEL 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; Eccentric Collar 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 25 WF
Weight / LBS	1.72
Actual Bolt Center to Center	4 Inch   102Millimeter
Bore	0.984 Inch   25 Millimeter
Base to Center Height	1.437 Inch   36.5 Millimeter
Length Thru Bore	1.748 Inch   44.4 Millimeter
Nominal Bolt Center to Center	4.1 Inch   105 Millimeter



## Timken BEARING MFG.CORP

Bolt Spacing Minimum	0 Inch   0Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
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:	Eccentric Collar
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:	YEL 205-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A <sub>1</sub>	22 mm
A <sub>5</sub>	18 mm
B <sub>1</sub>	44.4 mm
H <sub>1</sub>	36.5 mm
H <sub>2</sub>	16 mm
J max.	110 mm
J min.	94 mm
N <sub>1</sub>	11.5 mm



## Timken BEARING MFG.CORP

$s_1$	26.9 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	0.77 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
Housing	SY 505 M
Bearing	YEL 205-2F
End cover	ECY 205