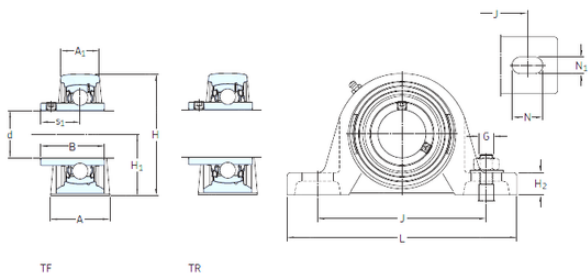




# BEARING CORP.OF AMERICA



## skf SY 40 WF Ball bearing plummer block units

Bearing No. SY 40 WF

SY 40 WF Bearing 2D drawings and 3D CAD models

Bore Diameter	40 mm
d	40 mm
s1	34,9 mm
A	48 mm
A1	30 mm
B1	56,3 mm
G	12 mm
H	99 mm
H1	49,2 mm
H2	19 mm
J	135,5 mm
L	175 mm
N	24,5 mm
N1	14 mm
Weight	1,95 Kg
Basic dynamic load rating (C)	30,7 kN
Basic static load rating (C0)	19 kN
Fatigue load limit (Pu)	0,8
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.95
EAN	7316570451313
Product Group	M06110



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Number of Mounting Holes	2
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	12 Millimeter
Relubricatable	Yes
Insert Part Number	YEL 208-2F
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; 40MM Bore; 49.2MM 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 40 WF
Weight / LBS	4.3
Nominal Bolt Center to Center	5.4 Inch   136 Millimeter
Base to Center Height	1.937 Inch   49.2 Millimeter
Bore	1.575 Inch   40 Millimeter
Actual Bolt Center to Center	5.3 Inch   134.3Millimeter



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Length Thru Bore	2.217 Inch   56.3 Millimeter
Bolt Spacing Maximum	0 Inch   0 Millimeter
Bolt Spacing Minimum	0 Inch   0 Millimeter
Housing material	Cast iron
A <sub>1</sub>	30 mm
A <sub>5</sub>	23.5 mm
B <sub>1</sub>	56.3 mm
H <sub>1</sub>	49.2 mm
H <sub>2</sub>	19 mm
J max.	146 mm
J min.	125 mm
N <sub>1</sub>	14 mm
s <sub>1</sub>	34.9 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	3.5 mm
R	45 °
D <sub>N</sub>	6.5 mm
SW <sub>N</sub>	7 mm
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	161 mm
J <sub>7</sub>	17 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C <sub>0</sub>	19 kN
Fatigue load limit P <sub>u</sub>	0.8 kN
Limiting speed	4800 r/min
Mass bearing unit	1.85 kg
Thread grub screw G <sub>2</sub>	M10x1
Hexagonal key size for grub screw N	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for	12 mm



## BEARING CORP.OF AMERICA

attachment bolts, mm G	
Recommended diameter for attachment bolts, inch G	0.5 in