



BEARING BOWER CORP.

1.378 Inch | 35 Millimeter x 2.559 Inch | 65 Millimeter x 65 mm SKF SYNT 35 L Pillow Block Bearings



Bearing No. SYNT 35 L

SYNT 35 L Bearing 2D drawings and 3D CAD models

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	3.81
EAN	7316574267651
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Stepped Sleeve
Housing Style	2 Bolt Pillow Block
Rolling Element	Spherical Roller Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Expansion
Mounting Bolts	12 Millimeter
Relubricatable	Yes
Insert Part Number	22207 E
Seals	Trigard
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Double Row Non Locating Bearing With Grub Screw
Long Description	2 Bolt Pillow Block; 35MM Bore; 60MM Base to Center Height; Stepped Sleeve Mount; Spherical Roller Bearing; Relubricatable;



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	Cast Iron; Trigard; Expansion
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SYNT 35 L
Weight / LBS	8.38
D	2.559 Inch 65 Millimeter
Actual Bolt Center to Center	6.7 Inch 170Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Nominal Bolt Center to Center	6.7 Inch 170 Millimeter
B	2.362 Inch 60 Millimeter
d	1.378 Inch 35 Millimeter
bore diameter:	35 mm
expansion type:	Expansion Bearing (Floating)
overall length:	8.0700 in
finish/coating:	Uncoated
overall height:	4.3700 in
radial dynamic load capacity:	19400 lbf
mounting:	Two-Bolt Base
radial static load capacity:	19100 lbf
bearing type:	Spherical Roller
maximum rpm:	4100 RPM
bore type:	Round
lubrication type:	Lubrication Fitting
housing construction:	Split Pillow Block



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operating temperature range:	+55 to +120 ° F
base to bore centerline:	2.3600 in
series:	SYNT
bolt center-to-center length:	6.6929 in
replacement bearing:	22207E
base width:	2.3622 in
d_a	35 mm
A	60 mm
B	65 mm
H	111 mm
H_1	60 mm
H_2	25 mm
J	170 mm
L	205 mm
N	20 mm
N_1	15 mm
S	2.5 mm
A_3	50 mm
A_5	22 mm
b_a min.	34 mm
b_a max.	43 mm
J_6	185 mm
J_7	21 mm
N_4 max.	6 mm
Basic dynamic load rating C	86.5 kN
Basic static load rating C_0	85 kN
Fatigue load limit P_u	9.3 kN
Limiting speed	4100 r/min
Calculation factor e	0.31
Calculation factor Y_1	2.2
Calculation factor Y_2	3.3
Bearing mean diameter d_m	53.5 mm



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Basic bearing designation	22207 E
P_0°	150 kN
P_{55}°	250 kN
P_{90}°	150 kN
P_{120}°	95 kN
P_{150}°	85 kN
P_{180}°	105 kN
P_a	15 kN
Mass bearing unit	3.8 kg
Attachment bolt diameter G	12 mm
Tightening torque for attachment bolts	80 N · m
Grub screws	3 x M 6
Tightening torque for grub screws	8 N · m
Grease quantity for relubrication	3 g
End cover	ECY 207