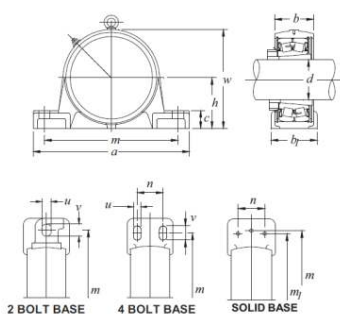




ITEM NUMBER

SPW2220N1

Sealed Spherical Pillow Blocks, SPW Type

Sealed Spherical Pillow Blocks, SPAW/SPW Type

d
90 mm
Bore

D
—
Outside diameter

B
—
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/spw2220n1/?lang=en>

Technical Specifications

Type	Pillow Block Unit
Bearing Type	Spherical Roller Bearing
Seal Material	Nitrile Rubber
Locking Device	Adapter
Bearing Number	MX-W22220EALLKW33C3
Housing Number	SP220N1
Adapter Sleeve Number	H2320XM1
Housing Material	Ductile Iron
Housing Construction	1 Piece
Mounting Type	2-Bolt
Performance	Heavy Duty
End Type	Open
Dynamic Load Rating	472000 N
Static Load Rating	495000 N
Rotational Speed [Max]	1500.0 RPM
Operating Temperature Range	-40 to 200 °C
Lubrication	Relubricatable

Guidelines for Mounting

Axial Displacement - Min.	0.028 in
Axial Displacement - Max.	0.035 in
Recommended Locknut Rotation	150 °
Hydraulic Pressure - Min.	2250 lb/in ²
Hydraulic Pressure - Max.	3000 lb/in ²

Shaft Tolerance

Shaft Tolerance	nominal to -87 µm
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Allowable Loads

Allowable Loads - P60	38500 lb
Allowable Loads - P90	23000 lb
Allowable Loads - P120	17000 lb
Allowable Loads - P150	15500 lb
Allowable Loads - P180	19500 lb

Dimensional Specifications

d	90.000 mm
h	112.0 mm
a	380.0 mm
b	95.0 mm
b1	110.0 mm
c	40.0 mm
m	320.0 mm
w	226.0 mm
u	26.0 mm
v	32.0 mm

Notes

Sales drawing reflects
"Bore Size w/o Adapter".
They do not show the
"d" dimension, which is the
bore size with adapter

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