



ITEM NUMBER

CM- SPAW2224-404N 1

Sealed Spherical Pillow Blocks, Ductile End Cover, Open/Closed End, SPAW Type

Sealed Spherical Pillow Blocks, Ductile End Cover, Open/Closed End, SPAW/SPW Type

d
107,950 mm
Bore

D
—
Outside diameter

B
—
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/cm-spaw2224-404n1/?lang=en>

Technical Specifications

Type	Pillow Block Unit
Bearing Type	Spherical Roller Bearing
Seal Material	Nitrile Rubber
Locking Device	Adapter
Bearing Number	MX-W22224EALLKW33C3
Housing Number	SPA224N1
Adapter Sleeve Number	HE2324M1
Housing Material	Ductile Iron
Housing Construction	1 Piece
Mounting Type	4-Bolt
Performance	Heavy Duty
End Type	(1) Open & (1) Closed
Dynamic Load Rating	688000 N
Static Load Rating	753000 N
Rotational Speed [Max]	1300.0 RPM
Operating Temperature Range	-40 to 200 °C

Guidelines for Mounting

Axial Displacement - Min.	0.030 in
Axial Displacement - Max.	0.043 in
Recommended Locknut Rotation	180 °
Hydraulic Pressure - Min.	2750 lb/in ²
Hydraulic Pressure - Max.	3850 lb/in ²

Shaft Tolerance

Shaft Tolerance	nominal to -87 µm
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Allowable Loads

Allowable Loads - P60	71500 lb
Allowable Loads - P90	45000 lb
Allowable Loads - P120	24500 lb
Allowable Loads - P150	22000 lb
Allowable Loads - P180	24500 lb

Dimensional Specifications

d	107.950 mm
h	133.4 mm
a	419.0 mm
b	105.0 mm
b1	121.0 mm
c	38.0 mm
l	189.992 mm
m	352.4 mm
n	69.9 mm
w	267.0 mm
u	22.0 mm
v	34.9 mm

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