

Bus Supports

DMCPOWER
Next Generation Power Connections

QUICK FACTS

APPLICATIONS

- Regular & EHV
- Caps can be rotated for slip or rigid fit

MATERIAL

- Permanent Mold
- 356-T6 Aluminum
- 300 series stainless steel Bolts, Washer and Nuts

REQUIRED TOOLING

- Standard Hex Wrench
- One-hand installation

CRITICAL DIMENSIONS

- Available for 1" – 6" Bus
- 3", 5" & 7" Bolt Circles

RATINGS

- Up to 500 kV
- Cantilever Strength at 5500 flbs – 275% higher than NEMA specifications

THE EVOLUTION OF BUS SUPPORTS

PLK2230

230kV Standard



Slip Style

Static Spring

Recessed Bolt Fitting

Fixed Style

PLK3230

500kV EHV



3", 5" & 7" Bolt Circles

* Cap hardware provided; see backside for mounting hardware options



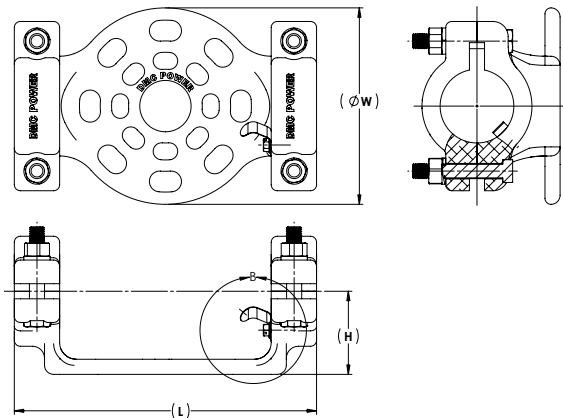
Why choose permanent mold over sand casting?

- Higher quality and tighter engineering tolerances
- Smooth surface finish – no sanding, reaming or grinding required
- Pure material – not contaminated with sand, gas or other foreign material
- Exact pour temperatures for consistent metal thickness, hardness and porosity
- Comparable strength rating to 6061-T6 Aluminum

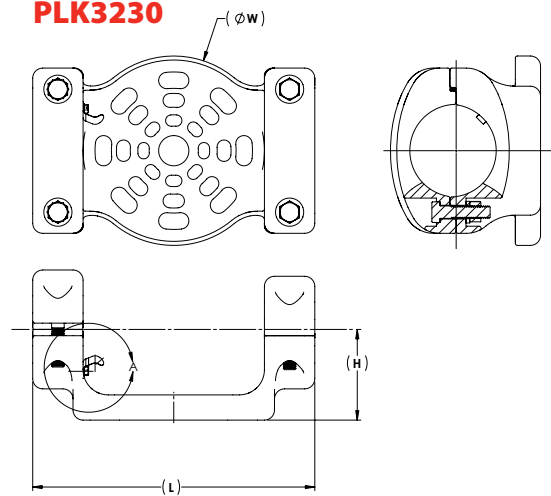
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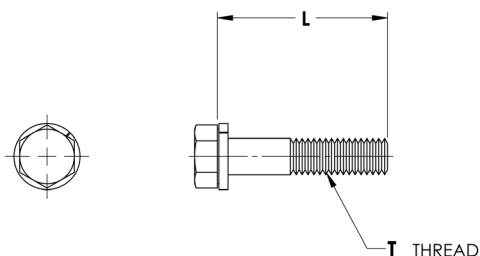
PLK3230



	ASSEMBLY PART NUMBER	PIPE SIZE (NPS)	DIMENSIONS IN INCHES			BOLT CIRCLES	Cap Bolt Size	Suggested Torque Value		
			H	L	W					
STANDARD	PLK2230D16E12	1"	2.00"	9.00"	5.50"	<u>3" & 5"</u> 9/16" x 13/16" & 11/16" x 1-1/16"	3/8"	20 lb-ft		
	PLK2230D24E12	1 1/2"	2.50"				1/2"	40 lb-ft		
	PLK2230D32E12	2"	2.75"	10.00"	6.50"					
	PLK2230D40E12	2 1/2"	3.13"							
	PLK2230D48E12	3"	3.63"							
	PLK2230D56E12	3 1/2"	4.00"							
	PLK2230D64E12	4"	4.50"							
	PLK2230D80E23	5"	5.00"	11.50"	7.50"					
	PLK2230D96E23	6"								
EHV	PLK3230D64E123 (EHV)	4"	4.50"	14.00"	9.40"	<u>3", 5" & 7"</u> 9/16" x 13/16" & 11/16" x 1-1/16" & 13/16" x 1-1/2"	5/8"	55 lb-ft		
	PLK3230D80E23 (EHV)	5"	5.00"			<u>5" & 7"</u> 11/16" x 1-1/16" & 13/16" x 1-1/2"				
	PLK3230D96E23 (EHV)	6"								

*Check for availability

MOUNTING HARDWARE



BUS SUPPORT BOLT CIRCLE	FASTENERS SET PART NUMBER	DESCRIPTION T x L
3"	PLK8010C0815	1/2" - 13 UNC x 1-1/2"
5"	PLK8010C1015	5/8" - 11 UNC x 1-1/2"
7"	PLK8010C1215	3/4" - 10 UNC x 1-1/2"

*Sold separately from Bus Supports. 4 Washers and 4 Bolts per set.