



**NOTES:**

1. MATERIAL: CLAMP BODY – ALUMINUM ALLOY  
RUBBER INSERT – EPDM RUBBER  
HELICAL RODS – ALUMINUM ALLOY  
HARDWARE (BOLT & FLAT WASHER) – GALV. STEEL
2. DIMENSIONS IN INCHES [MILLIMETERS]
3. MAXIMUM TAKE OFF ANGLE = 30°
4. ULTIMATE STRENGTH 5000 LBS
5. SLIP LOAD IS 20% OF CONDUCTOR RBS. CONTACT HUBBELL FOR MORE INFORMATION.
6. BODY AND RUBBER INSERT CAN BE IDENTIFIED BY THE CONDUCTOR RANGE MARKED ON THEM. HELICAL RODS HAVE CONDUCTOR RANGE MARKED ON A TAG ATTACHED TO THE BUNDLE AS WELL AS THE COLOR CODE ANNOTATION. PLEASE NOTE SOME PARTS HAVE LARGER RANGES AND CAN BE USED ON MULTIPLE SIZES.
7. ADD "E" TO CATALOG NUMBER FOR EHV ENDS ON ARMOR RODS. (EX. THCSA0920E). ONLY APPLIES TO 0.908" – 1.208"

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EC #	DATE	CHG BY	CKD BY	APPD BY
DESC OF DWG: DRAWING CREATED IN AUTOCAD				
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<b>PRELIMINARY ONLY</b>				
REASON (S) FOR CHANGE: --				
DISPOSITION OF MAT'L: --				

THIRD ANGLE PROJECTION

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**HUBBELL POWER SYSTEMS, Inc.**

TITLE: TRUNNION ASSEMBLY HELICAL CUSHION SUSPENSION

CATALOG NUMBER: SEE TABLE

SIZE: B	DWG NO.: CC-27008	PART / ASSY NO.: SEE TABLE	REV: A
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SCALE: NS    DRN BY: KD    DATE: 09/14/20    SHEET 1 OF 2

CATALOG NUMBER	CONDUCTOR DIA. RANGE	ROD COLOR CODE	RODS PER SET	H	L	W	LENGTH	WEIGHT LBS [KG]	
THCSA0920	0.908-0.920 [23.06-23.37]	YELLOW	13	2.125 [54]	9.000 [228.6]	4.500[114.3]	65.4 [1660]	7.33 [3.32]	
THCSA0937	0.921-0.937 [23.39-23.80]	BLACK					66.0 [1676]		
THCSA0962	0.938-0.962 [23.83-24.43]	WHITE					67.0 [1702]		
THCSA0986	0.963-0.986 [24.46-25.04]	BROWN					68.1 [1730]		
THCSA1005	0.987-1.005 [25.07-25.53]	ORANGE					69.1 [1755]		
THCSA1022	1.006-1.022 [25.55-25.96]	PURPLE	11	2.125 [54]	9.000 [228.6]	4.500[114.3]	80.3 [2040]	10.74 [4.87]	
THCSA1040	1.023-1.040 [25.98-26.42]	RED					81.1 [2060]		
THCSA1074	1.041-1.074 [26.44-27.28]	BLUE	12	2.125 [54]	9.000 [228.6]	4.500[114.3]	82.0 [2083]		10.77 [4.89]
THCSA1090	1.075-1.090 [27.31-27.69]	GREEN							
THCSA1118	1.091-1.118 [27.71-28.40]	YELLOW							
THCSA1136	1.119-1.136 [28.42-28.85]	BLACK							
THCSA1152	1.137-1.152 [28.88-29.26]	WHITE							
THCSA1175	1.153-1.175 [29.29-29.85]	BROWN	12	2.125 [54]	9.000 [228.6]	4.500[114.3]	14.27 [6.47]		
THCSA1208	1.176-1.208 [29.87-30.68]	ORANGE							

CATALOG NUMBER: SEE TABLE			
SIZE X	DWG NO. CC-27008	PART / ASSY NO. SEE TABLE	REV A
SCALE: NS	DRN BY: KD	DATE: 09/14/20	SHEET 2 OF 2