

# FLS 1" DEFLECTION ISOLATOR

## IP UNITS (INCHES AND POUNDS)

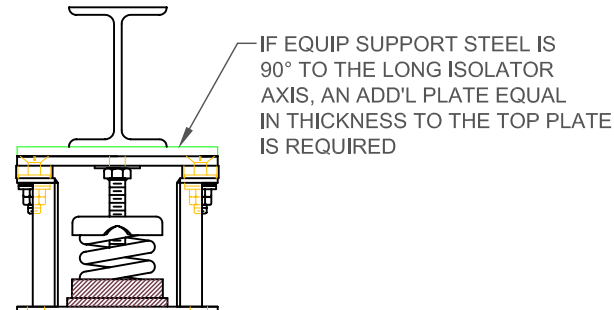
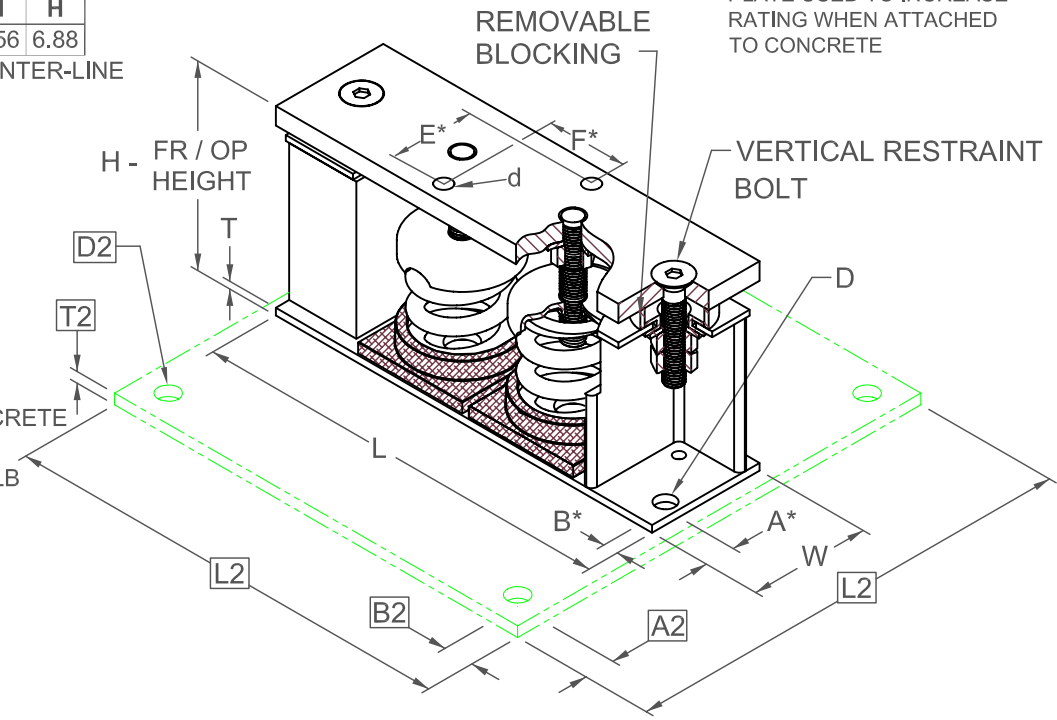
TYPE	L	W	T	A	B	D	E	F	d	H
1-2500/7000	14.00	4.00	0.38	1.00	0.50	0.69	2.75	2.75	0.56	6.88

\*ALL MOUNTING BOLT PATTERNS SYMMETRICAL ABOUT ISOLATOR CENTER-LINE

STANDARD RATINGS		SPRING COIL					
TYPE	SIZE	COLOR		FREE		RATED	
		OUTER	INNER	HT.	O.D.	LOAD	DEFL.
FLS	1-2500	BROWN		4.20	3.00	2500	1.09
FLS	1-3400	ORANGE		4.20	3.00	3400	0.95
FLS	1-4400	ORANGE	GRAY	4.20	3.00	4400	1.00
FLS	1-4930	BLUE		4.20	3.00	4930	1.00
FLS	1-5730	BLUE	GRAY	4.20	3.00	5730	1.00
FLS	1-7000	BLUE	BROWN	4.20	3.00	7000	1.00

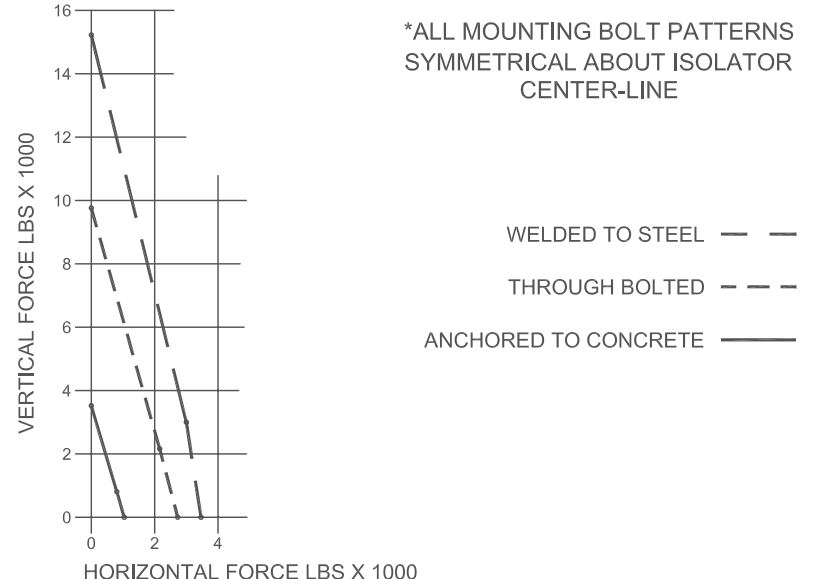
1-2500/7000 REQUIRES 0.62 DIA. x 4.00 MIN. EMBED ANCHORS IN CONCRETE  
(ALLOWABLE LOADS BASED ON 3000 PSI MIN CONCRETE)  
1-2500/7000 ANCHOR BOLT TORQUE - 75 FT-LB, PULL TEST - 2670 LB

A2, B2, L2, T2, D2 DIMENSIONS REFER TO OPTIONAL BASE-PLATE USED TO INCREASE RATING WHEN ATTACHED TO CONCRETE



### SPECIFICATIONS:

- VERTICALLY AND Laterally RESTRAINED SPRING ISOLATOR WITH CONSTANT FREE AND OPERATING HEIGHT AND REPLACEABLE NEOPRENE SNUBBING ELEMENTS..
- MINIMUM COIL OVERLOAD OF 50%.
- MINIMUM Kx/Ky RATIO OF 1.0.
- ALL ELEMENTS SAFE AT SOLID LOADING.
- POWDER COATED COILS AND HOT DIPPED GALVANIZED BRACKET
- HOUSINGS MAY BE USED FOR BLOCKING DURING EQUIPMENT ERECTION.



Computed horiz and vert seismic load combinations must fall within the restraint capacity envelope. Contact KNC for bolted to steel data.



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Model:  
**FLS-1-  
2500 / 7000**

By: **JMJ**  
Date: **07/09/02**  
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Drawing No:  
**S-01.22-12**