

# FLS 25 mm DEFLECTION ISOLATOR

S-I UNITS (mm AND kg)

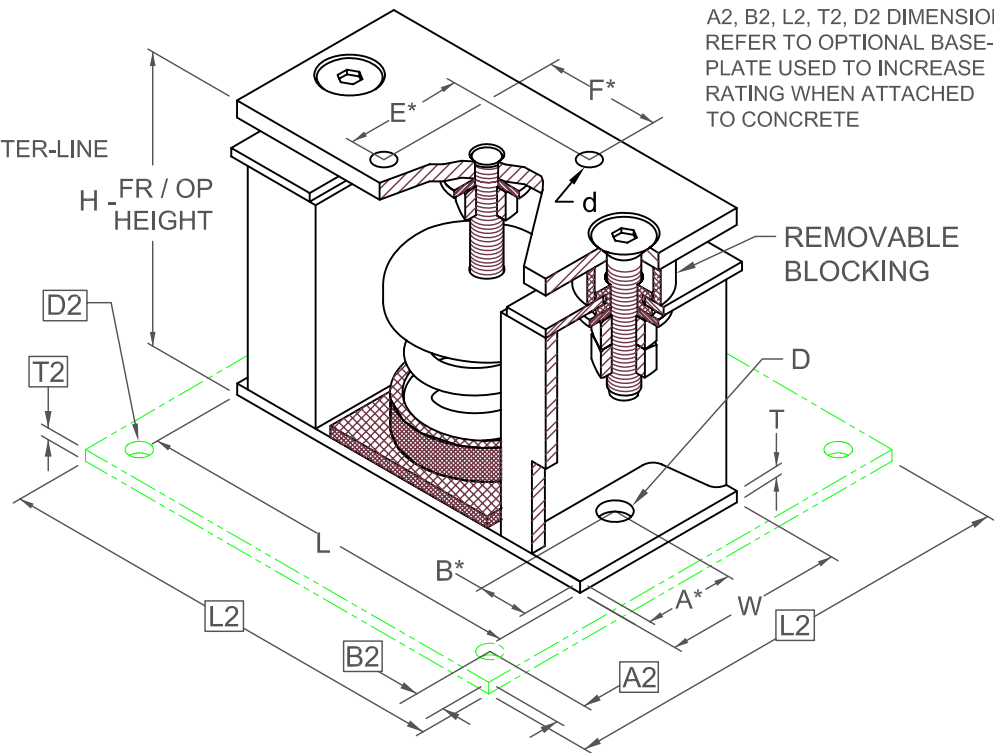
TYPE	L	W	T	A	B	D	E	F	d	H
1-35/805	165	76	5	38	13	14	44	48	11	113

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

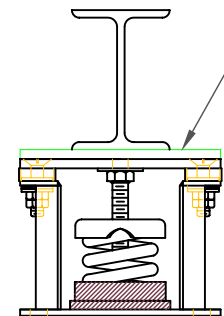
STANDARD RATINGS		SPRING COIL					
TYPE	SIZE	COLOR		FREE		RATED	
		OUTER	INNER	HT.	O.D.	LOAD	DEFL.
FLS	1-35	BLUE		81	44	16	39
FLS	1-70	GREEN		81	44	32	35
FLS	1-120	GRAY		81	44	54	30
FLS	1-220	BROWN		81	44	100	27
FLS	1-370	ORANGE		81	44	168	24
FLS	1-500	BEIGE		81	44	227	25
FLS	1-600	CHROME		81	44	272	25
FLS	1-700	BEIGE	WHITE	81	44	318	25
FLS	1-805	CHROME	WHITE	81	44	365	26

1-35/805 REQUIRES 013 DIA. x 102 MIN. EMBED ANCHORS IN CONCRETE (ALLOWABLE LOADS BASED ON 21 MPa MIN CONCRETE)

1-35/805 ANCHOR BOLT TORQUE - 75 N-M, PULL TEST - 794 kg



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

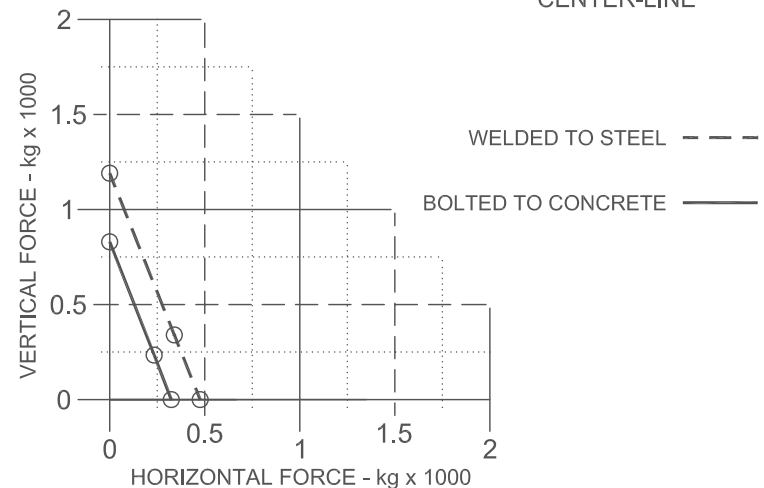


IF EQUIP SUPPORT STEEL IS 90° TO THE LONG ISOLATOR AXIS, AN ADD'L PLATE EQUAL IN THICKNESS TO THE TOP PLATE IS REQUIRED

## SPECIFICATIONS:

- VERTICALLY AND LATERALLY RESTRAINED SPRING ISOLATOR WITH CONSTANT FREE AND OPERATING HEIGHT AND REPLACEABLE NEOPRENE SNUBBING ELEMENTS.
- MINIMUM COIL OVERLOAD OF 50%.
- MINIMUM  $K_x/K_y$  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.

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



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-1-35 / 805**

By: **BB**  
Date: **03/21/05**  
Revised: **5/5/06 / PWM**

Drawing No:  
**S-01.22-10**  
METRIC