FHS 1" DEFLECTION SEISMIC ISOLATOR

IP UNITS (INCHES AND POUNDS)

TYPE	L	W	T	A	D	E	H	Z
1-35/805	7.31	3.00	0.38	0.69	0.44	1.50	6.00	0.63
1-50/1000	9.53	5.00	0.38	0.88	0.81	2.50	7.56	0.63
1-1250/3500	9.53	5.00	0.38	0.88	0.81	2.50	7.56	0.63

STANDARD RATINGS		SPRING COIL					
		COLOR		FREE		RATED	
TYPE	SIZE	OUTER	INNER	HT.	O.D.	LOAD	DEFL.
FHS	1-35	BLUE		3.19	1.75	35	1.52
FHS	1-70	GREEN		3.19	1.75	70	1.36
FHS	1-120	GRAY		3.19	1.75	120	1.18
FHS	1-220	BROWN		3.19	1.75	220	1.07
FHS	1-370	ORANGE		3.19	1.75	370	0.96
FHS	1-500	BEIGE		3.19	1.75	500	1.00
FHS	1-600	CHROME		3.19	1.75	600	1.00
FHS	1-700	BEIGE	WHITE	3.19	1.75	700	1.00
FHS	1-805	CHROME	WHITE	3.19	1.75	805	1.01
FHS	1-50	BEIGE		4.20	3.00	50	1.00
FHS	1-100	CHROME		4.20	3.00	100	1.00
FHS	1-250	BLUE		4.20	3.00	250	1.79
FHS	1-450	GREEN		4.20	3.00	450	1.54
FHS	1-625	BLACK		4.20	3.00	625	1.44
FHS	1-800	GRAY		4.20	3.00	800	1.31
FHS	1-1000	RED		4.20	3.00	1000	1.15
FHS	1-1250	BROWN		4.20	3.00	1250	1.09
FHS	1-1700	ORANGE		4.20	3.00	1700	0.95
FHS	1-2200	ORANGE	GRAY	4.20	3.00	2200	1.00
*FHS	1-2465	BLUE		4.20	3.00	2465	1.00
*FHS	1-2865	BLUE	GRAY	4.20	3.00	2865	1.00
*FHS	1-3500	BLUE	BROWN	4.20	3.00	3500	1.00

*INCLUDES WELDED GUSSET AS SHOWN

1-35/805 w .38 KCAB ANCHORS REQUIRES 3.0 EMBEDMENT AND 20 FT LB TORQUE
w .38 KCCAB ANCHORS REQUIRES 2.5 EMBEDMENT AND 20 FT LB TORQUE

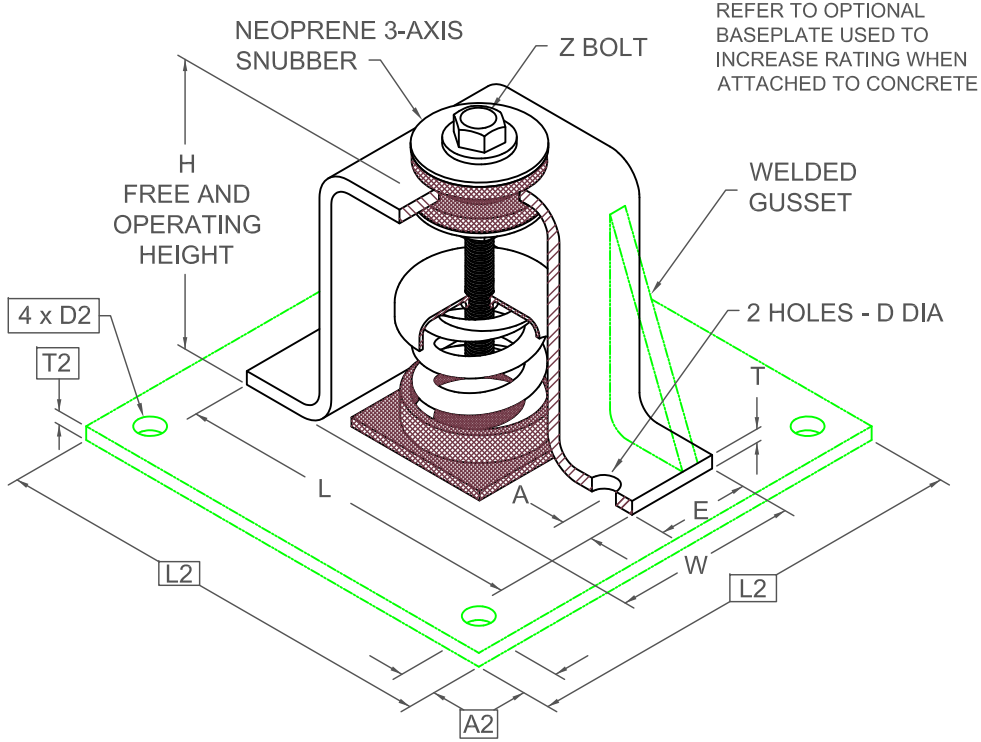
1-50/3500 w .75 KCAB ANCHORS REQUIREMS 6.0. EMBEDMENT AND 150 FT LB TORQUE
w .75 KCCAB ANCHORS REQUIREMS 4.75. EMBEDMENT AND 150 FT LB TORQUE

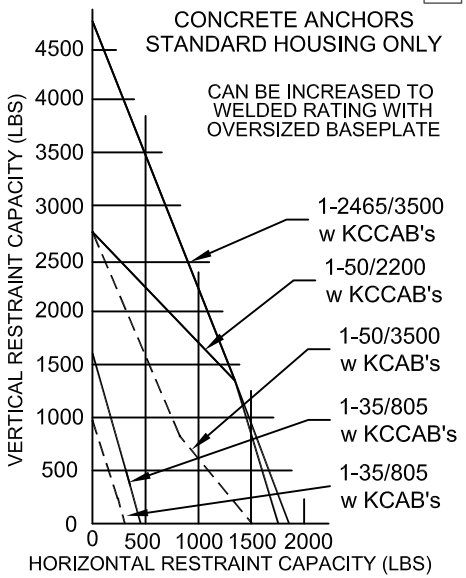
(ALLOWABLE LOADS BASED ON 3000 PSI MIN. CONCRETE)

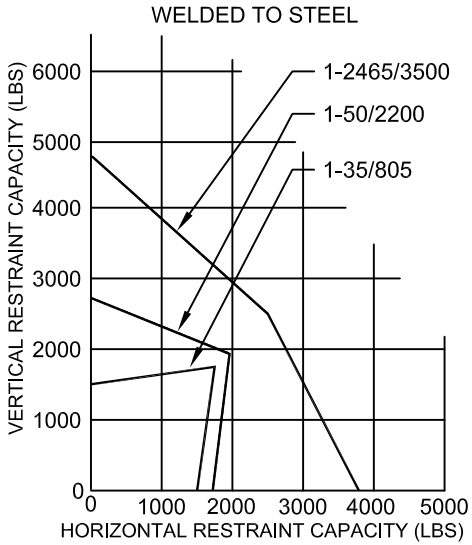
SPECIFICATIONS:

- VERTICALLY AND LATERALLY RESTRAINED SPRING ISOLATOR WITH CONSTANT FREE AND OPERATING HEIGHT AND REPLACEABLE NEOPRENE SNUBBING ELEMENTS.
- 0.25 INCHES NOMINAL CLEARANCE IN SNUBBING ELEMENTS.
- MINIMUM OVERLOAD OF 50%.
- MINIMUM Kx/Ky RATIO OF 1.0.
- ALL ELEMENTS SAFE AT SOLID LOADING.
- POWDER COATED COILS AND HOT DIPPED GALVANIZED BRACKET
- OSHPD APPROVAL NUMBER R-0433

A2, L2, T2, D2 DIMENSIONS REFER TO OPTIONAL BASEPLATE USED TO INCREASE RATING WHEN ATTACHED TO CONCRETE







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

KINETICS Noise Control

Member VISCMA Vibration Isolation and Seismic Control Manufacturers Association

KINETICS NOISE CONTROL, INC
6300 IRELAN PL,
DUBLIN, OH 43017 USA
Ph: 614 889-0480, Fax: 614 889-0540
www.kineticsnoise.com

Model: FHS-1-35/3500

By: PWM
Date: 10/24/01
Revised: 02/23/11 / PM

Drawing No: S-01.35-11