

FHS 4" DEFLECTION SEISMIC ISOLATOR IP UNITS (INCHES AND POUNDS)

| TYPE | L | W | T | A | D | E | H | Z |
|-------------|-------|-------|------|------|------|------|-------|------|
| 4-100/1600 | 12.25 | 7.00 | 0.50 | 0.81 | 0.69 | 3.50 | 14.13 | 0.63 |
| 4-2250/5800 | 14.75 | 10.00 | 0.50 | 0.94 | 1.06 | 5.00 | 16.19 | 0.88 |

| STANDARD RATINGS | | SPRING COIL | | | | | |
|------------------|--------|-------------|---------|-------|------|-------|-------|
| TYPE | SIZE | COLOR | | FREE | | RATED | |
| | | OUTER | INNER 1 | HT. | O.D. | LOAD | DEFL. |
| FHS | 4-100 | GRAY | | 10.00 | 5.63 | 100 | 4.00 |
| FHS | 4-250 | BLUE | | 10.00 | 5.63 | 250 | 4.00 |
| FHS | 4-500 | GREEN | | 10.00 | 5.63 | 500 | 4.00 |
| FHS | 4-750 | BLACK | | 10.00 | 5.63 | 750 | 4.00 |
| FHS | 4-1000 | RED | | 10.00 | 5.63 | 1000 | 4.00 |
| FHS | 4-1250 | BROWN | | 10.00 | 5.63 | 1250 | 4.00 |
| FHS | 4-1600 | ORANGE | | 10.00 | 5.63 | 1600 | 4.00 |
| *FHS | 4-2250 | BEIGE | | 11.50 | 8.00 | 2250 | 4.00 |
| *FHS | 4-2500 | BEIGE | BLUE | 11.50 | 8.00 | 2500 | 4.00 |
| *FHS | 4-2750 | BEIGE | GREEN | 11.50 | 8.00 | 2750 | 4.00 |
| *FHS | 4-3000 | BEIGE | BLACK | 11.50 | 8.00 | 3000 | 4.00 |
| *FHS | 4-3250 | BEIGE | RED | 11.50 | 8.00 | 3250 | 4.00 |
| *FHS | 4-3500 | BEIGE | BROWN | 11.50 | 8.00 | 3500 | 4.00 |
| *FHS | 4-3850 | BEIGE | ORANGE | 11.50 | 8.00 | 3850 | 4.00 |
| *FHS | 4-4200 | CHROME | | 11.50 | 8.00 | 4200 | 4.00 |
| *FHS | 4-4450 | CHROME | BLUE | 11.50 | 8.00 | 4450 | 4.00 |
| *FHS | 4-4700 | CHROME | GREEN | 11.50 | 8.00 | 4700 | 4.00 |
| *FHS | 4-4950 | CHROME | BLACK | 11.50 | 8.00 | 4950 | 4.00 |
| *FHS | 4-5200 | CHROME | RED | 11.50 | 8.00 | 5200 | 4.00 |
| *FHS | 4-5450 | CHROME | BROWN | 11.50 | 8.00 | 5450 | 4.00 |
| *FHS | 4-5800 | CHROME | ORANGE | 11.50 | 8.00 | 5800 | 4.00 |

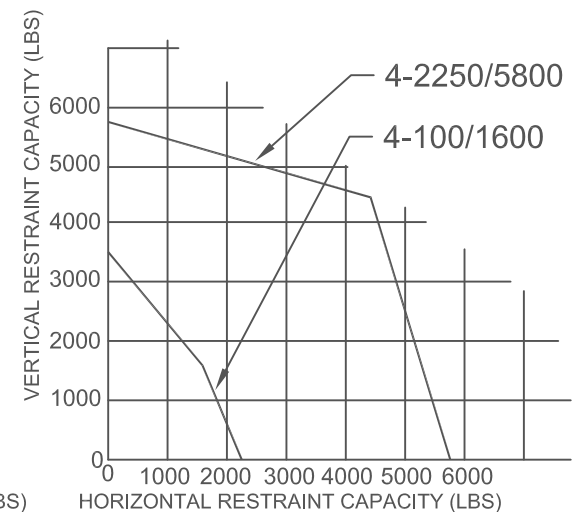
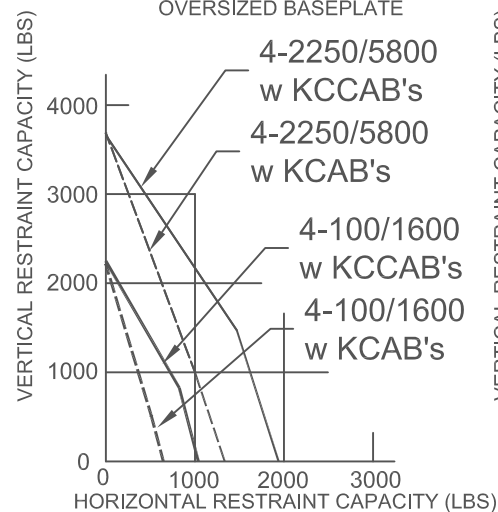
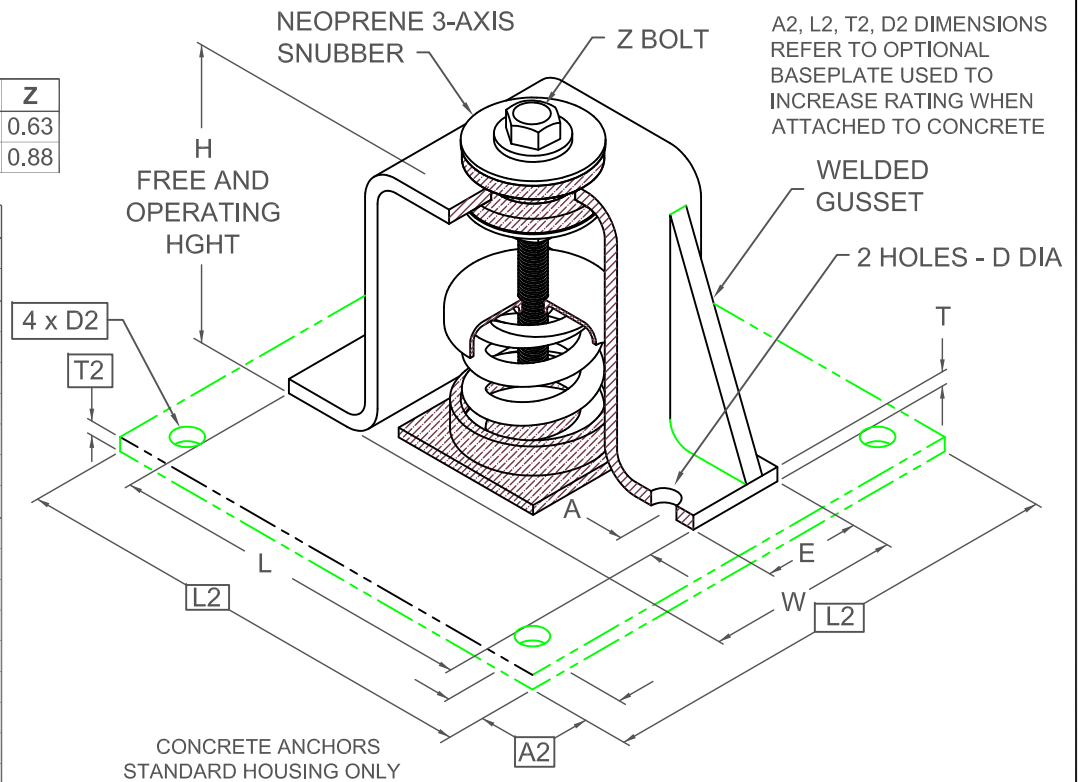
*INCLUDES WELDED GUSSET AS SHOWN

4-100/1600 w KCAB ANCHORS (.62) REQUIRE 5" EMBEDMENT AND 85 FT LB TORQUE
w KCCAB ANCHORS (.62) REQUIRE 4" EMBEDMENT AND 75 FT LB TORQUE

4-2250/5800 w KCAB ANCHORS (.75) REQUIRE 6" EMBEDMENT AND 150 FT LB TORQUE
w KCCAB ANCHORS (.75) REQUIRE 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 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



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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6300 IRELAN PL,
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Model:
FHS-4-100/5800

By: PWM
Date: 12/21/01
Revised: 02/23/11 /PM

Drawing No:
S-01.35-41