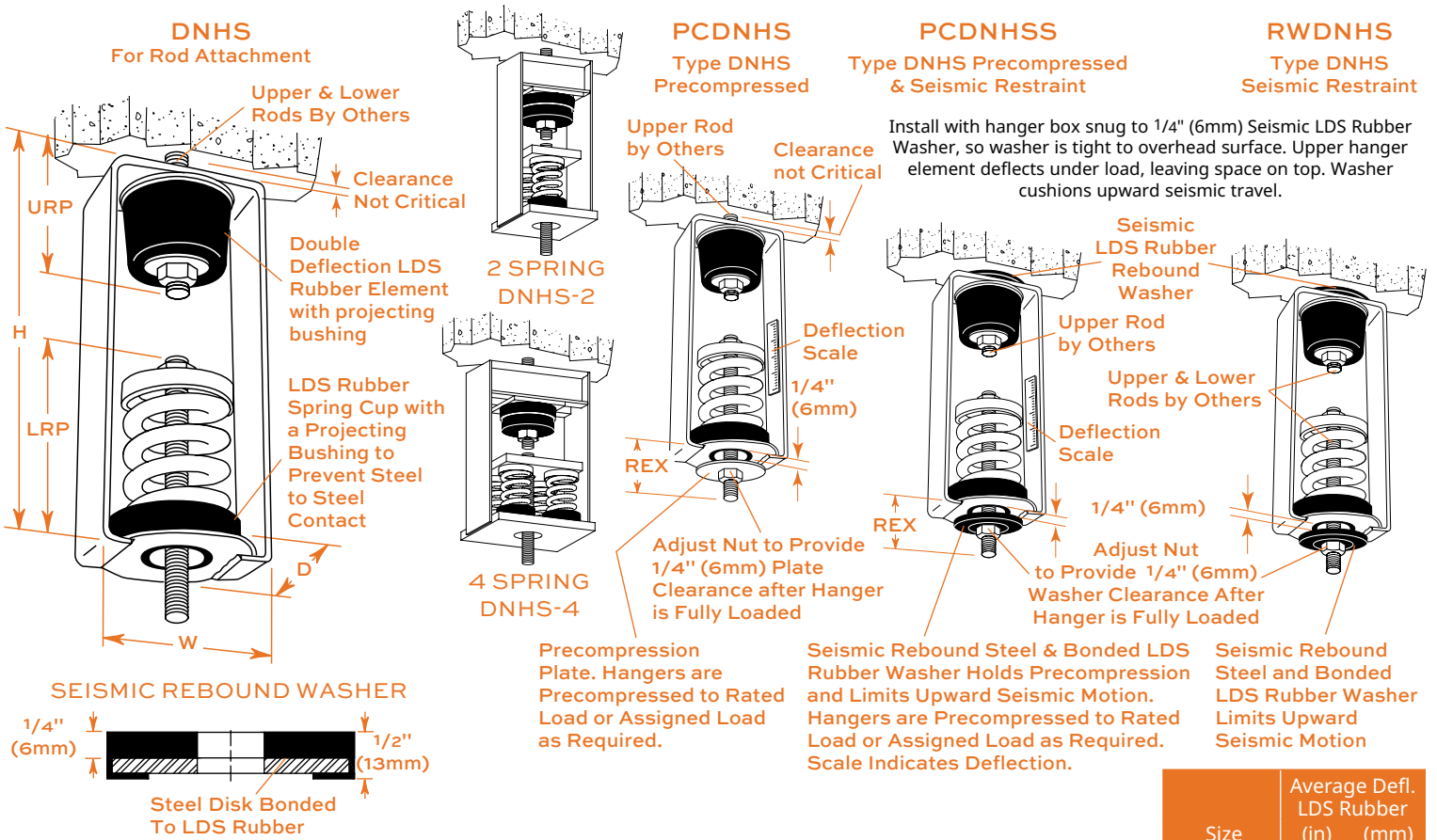


DNHS, PCDNHS, PCDNHSS & RWDNHS
1" (25mm) DEFLECTION X, A & B SPRING & DOUBLE DEFLECTION LDS HANGERS



| Size | Average Defl. LDS Rubber | |
|-------|--------------------------|------|
| | (in) | (mm) |
| X | 0.20 | 5 |
| A & B | 0.35 | 9 |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS DIMENSIONS

| Type | Size | D | | H | | W | | Lower Rod Penetration LRP | | Max. Rod Dia. MRD | | Rod Extension REX | | Upper Rod Penetration URP | |
|----------|------------|------|------|------|------|------|------|---------------------------|------|-------------------|------|-------------------|------|---------------------------|------|
| | | (in) | (mm) | (in) | (mm) | (in) | (mm) | (in) | (mm) | (in) | (mm) | (in) | (mm) | (in) | (mm) |
| DNHS- | X | 21/2 | 64 | 51/2 | 140 | 27/8 | 73 | 31/4 | 83 | 3/8 | 10 | 13/4 | 44 | 13/4 | 44 |
| | A-12 - 25 | 23/4 | 70 | 63/4 | 171 | 31/4 | 83 | 31/2 | 89 | 5/8 | 16 | 21/4 | 57 | 21/4 | 57 |
| PCDNHS- | A-41 - 95 | 23/4 | 70 | 63/4 | 171 | 31/4 | 83 | 4 | 102 | 5/8 | 16 | 21/4 | 57 | 21/4 | 57 |
| | A-45 - 400 | 23/4 | 70 | 63/4 | 171 | 31/4 | 83 | 4 | 102 | 5/8 | 16 | 21/2 | 64 | 21/4 | 57 |
| PCDNHSS- | A-510 | 23/4 | 70 | 63/4 | 171 | 31/4 | 83 | 4 | 102 | 5/8 | 16 | 21/2 | 64 | 21/4 | 57 |
| | A-625 | 23/4 | 70 | 63/4 | 171 | 31/4 | 83 | 4 | 102 | 5/8 | 16 | 21/2 | 64 | 21/4 | 57 |
| RWDNHS- | B | 4 | 102 | 9 | 229 | 43/4 | 121 | 41/4 | 108 | 3/4 | 19 | 21/4 | 57 | 3 | 76 |

SPRING ONLY

| Size | Spring OD | | Free Height | |
|------------|-----------|------|-------------|------|
| | (in) | (mm) | (in) | (mm) |
| X | 11/2 | 25 | 21/2 | 64 |
| A-12 - 25 | 13/4 | 44 | 17/8 | 48 |
| A-41 - 95 | 13/4 | 44 | 21/4 | 57 |
| A-45 - 400 | 13/4 | 44 | 3 | 76 |
| A-510 | 13/4 | 44 | 31/8 | 79 |
| A-625 | 13/4 | 44 | 33/8 | 86 |
| B | 23/8 | 60 | 4 | 102 |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS RATINGS

| Type | Size | Rated Capacity | | Rated Defl. [†] | | Spring Constant ^{††} | | Spring Color/Stripe | Vertical G Ratings | |
|----------|-------|----------------|------|--------------------------|------|-------------------------------|---------|---------------------|--------------------|-------|
| | | (lb) | (kg) | (in) | (mm) | (lb/in) | (kg/mm) | | Tens. | Comp. |
| DNHS- | X-12 | 12 | 5 | 1.45 | 37 | 10 | 0.18 | Orange | 10.0* | 10.0* |
| | X-23 | 23 | 10 | 1.50 | 38 | 18 | 0.30 | Brown | 10.0* | 10.0* |
| | X-33 | 33 | 15 | 1.30 | 33 | 30 | 0.54 | Red | 10.0* | 10.0* |
| | X-54 | 54 | 24 | 1.40 | 36 | 45 | 0.80 | White | 10.0* | 10.0* |
| | X-76 | 76 | 34 | 1.22 | 31 | 73 | 1.36 | Black | 10.0* | 10.0* |
| PCDNHS- | X-113 | 113 | 51 | 1.20 | 30 | 113 | 2.04 | Yellow | 10.0* | 6.7 |
| | X-130 | 130 | 59 | 1.20 | 30 | 130 | 2.36 | Purple | 10.0* | 5.8 |
| PCDNHSS- | X-175 | 175 | 79 | 1.20 | 30 | 175 | 3.16 | Silver | 10.0* | 4.3 |
| | X-210 | 210 | 95 | 1.20 | 30 | 210 | 3.80 | Blue | 10.0* | 3.6 |
| RWDNHS- | A-12 | 12 | 5 | 1.35 | 34 | 12 | 0.20 | Red | 10.0* | 10.0* |
| | A-18 | 18 | 8 | 1.35 | 34 | 18 | 0.32 | Gray | 10.0* | 10.0* |
| | A-25 | 25 | 11 | 1.35 | 34 | 25 | 0.44 | Orange | 10.0* | 10.0* |
| | A-41 | 41 | 19 | 1.53 | 39 | 35 | 0.63 | Pink | 10.0* | 10.0* |
| | A-56 | 56 | 25 | 1.49 | 38 | 49 | 0.83 | Black | 10.0* | 10.0* |
| | A-73 | 73 | 33 | 1.41 | 36 | 69 | 1.22 | Tan | 10.0* | 10.0* |
| | A-95 | 95 | 43 | 1.36 | 35 | 94 | 1.65 | Green | 10.0* | 10.0* |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS RATINGS (cont.)

| Type | Size | Rated Capacity | | Rated Defl. [†] | | Spring Constant | | Spring Color/Stripe | Vertical G Ratings | |
|----------|--------|----------------|------|--------------------------|------|-----------------|---------|---------------------|--------------------|-------|
| | | (lb) | (kg) | (in) | (mm) | (lb/in) | (kg/mm) | | Tens. | Comp. |
| DNHS- | A-45 | 45 | 20 | 1.95 | 50 | 28 | 0.49 | Blue | 10.0* | 10.0* |
| | A-75 | 75 | 34 | 1.85 | 47 | 50 | 0.89 | Orange | 10.0* | 10.0* |
| | A-125 | 125 | 57 | 1.68 | 43 | 94 | 1.68 | Brown | 10.0* | 10.0* |
| | A-200 | 200 | 91 | 1.50 | 38 | 174 | 3.14 | Black | 10.0* | 8.8 |
| | A-310 | 310 | 141 | 1.35 | 34 | 310 | 5.64 | Yellow | 10.0* | 5.6 |
| PCDNHS- | A-400 | 400 | 181 | 1.35 | 34 | 400 | 7.24 | Green | 10.0* | 4.4 |
| | A-510 | 510 | 231 | 1.35 | 34 | 510 | 9.24 | Red | 10.0* | 3.4 |
| PCDNHSS- | A-625 | 625 | 283 | 1.35 | 34 | 625 | 11.30 | White | 10.0* | 2.8 |
| | B-65 | 65 | 29 | 2.45 | 62 | 31 | 0.55 | Brown | 10.0* | 10.0* |
| RWDNHS- | B-85 | 85 | 39 | 2.45 | 62 | 40 | 0.74 | Wht/Blk | 10.0* | 10.0* |
| | B-115 | 115 | 52 | 2.35 | 60 | 57 | 1.02 | Silver | 10.0* | 10.0* |
| | B-150 | 150 | 68 | 2.35 | 60 | 75 | 1.33 | Orange | 10.0* | 10.0* |
| | B-280 | 280 | 127 | 1.95 | 50 | 174 | 3.10 | Green | 10.0* | 8.2 |
| | B-450 | 450 | 204 | 1.66 | 42 | 344 | 6.18 | Red | 10.0* | 5.1 |
| | B-750 | 750 | 340 | 1.47 | 37 | 670 | 12.10 | White | 10.0* | 3.1 |
| | B-1000 | 1000 | 454 | 1.35 | 34 | 1000 | 18.20 | Blue | 10.0* | 2.3 |

All springs have additional travel to solid equal to 50% of Rated Deflection. LDS elements have straight line deflection curves.

[†]Includes double deflection LDS element. ^{††}Applies to spring only. *10.0 indicates a rating of 10 Gs or greater.



1" (25mm) DEFLECTION C & MULTIPLE C SPRING & DOUBLE DEFLECTION LDS HANGERS

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS DIMENSIONS

| Type | Size | D (in) (mm) | | H (in) (mm) | | W (in) (mm) | | Lower Rod Penetration LRP (in) (mm) | | Max. Rod Dia. MRD (in) (mm) | | Rod Extension REX (in) (mm) | | Upper Rod Penetration URP (in) (mm) | |
|----------|------|-------------|-----|-------------|-----|-------------|-----|-------------------------------------|-----|-----------------------------|----|-----------------------------|-----|-------------------------------------|-----|
| DNHS- | 1 | 4 | 102 | 11 | 279 | 5 1/4 | 133 | 5 | 127 | 7/8 | 22 | 2 1/4 | 57 | 3 1/4 | 83 |
| PCDNHS- | 2 | 9 | 229 | 12 | 305 | 5 1/4 | 133 | 7 | 178 | 1 | 25 | 4 1/4 | 108 | 3 3/4 | 95 |
| PCDNHSS- | 4 | 7 | 178 | 15 | 381 | 8 7/8 | 225 | 7 | 178 | 1 1/4 | 32 | 4 1/2 | 114 | 6 | 152 |

SPRING ONLY

| Size | Average Defl. LDS Rubber (in) (mm) | | Spring OD (in) (mm) | | Free Height (in) (mm) | |
|------|------------------------------------|----|---------------------|----|-----------------------|-----|
| All | 0.40 | 10 | 27/8 | 73 | 41/8 | 105 |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS RATINGS

| Type | Size | Rated Capacity (lb) (kg) | | Rated Defl. [†] (in) (mm) | | Spring Constant ^{††} (lb/in) (kg/mm) | | Spring Color | Vertical G Ratings Tens. Comp. | |
|----------|--------|--------------------------|------|------------------------------------|----|-----------------------------------------------|-------|--------------|--------------------------------|-----|
| DNHS- | 1-1000 | 1000 | 454 | 1.40 | 36 | 1000 | 18.20 | Black | 10.0* | 7.3 |
| | 1-1350 | 1350 | 612 | 1.40 | 36 | 1350 | 24.50 | Yellow | 10.0* | 5.4 |
| | 1-1750 | 1750 | 794 | 1.40 | 36 | 1750 | 31.80 | Black* | 10.0* | 4.2 |
| PCDNHS- | 1-2100 | 2100 | 953 | 1.40 | 36 | 2100 | 38.10 | Yellow* | 8.4 | 3.5 |
| | 1-2385 | 2385 | 1082 | 1.40 | 36 | 2385 | 43.30 | Yllw** | 7.4 | 3.1 |
| PCDNHSS- | 1-2650 | 2650 | 1202 | 1.40 | 36 | 2650 | 48.10 | Red* | 6.6 | 2.8 |
| | 1-2935 | 2935 | 1331 | 1.40 | 36 | 2935 | 53.20 | Red** | 6.0 | 2.5 |
| RWDNHS- | 2-2700 | 2700 | 1225 | 1.40 | 36 | 2700 | 49.00 | Yellow | 10.0* | 4.5 |
| | 2-3500 | 3500 | 1588 | 1.40 | 36 | 3500 | 63.50 | Black* | 10.0* | 3.5 |
| | 2-4200 | 4200 | 1905 | 1.40 | 36 | 4200 | 76.20 | Yellow* | 10.0* | 2.9 |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS RATINGS (cont.)

| Type | Size | Rated Capacity (lb) (kg) | | Rated Defl. [†] (in) (mm) | | Spring Constant (lb/in) (kg/mm) | | Spring Color | Vertical G Ratings Tens. Comp. | |
|----------|---------|--------------------------|------|------------------------------------|----|---------------------------------|-------|--------------|--------------------------------|-----|
| DNHS- | 4-5400 | 5400 | 2449 | 1.40 | 36 | 5400 | 98.0 | Yellow | 10.0* | 5.0 |
| | 4-7000 | 7000 | 3175 | 1.40 | 36 | 7000 | 127.0 | Black* | 8.4 | 3.9 |
| PCDNHS- | 4-8400 | 8400 | 3810 | 1.40 | 36 | 8400 | 152.4 | Yellow* | 7.0 | 3.2 |
| | 4-9540 | 9540 | 4327 | 1.40 | 36 | 9540 | 173.1 | Yllw** | 6.2 | 2.8 |
| PCDNHSS- | 4-10600 | 10600 | 4808 | 1.40 | 36 | 10600 | 192.3 | Red* | 5.5 | 2.6 |
| | 4-11740 | 11740 | 5325 | 1.40 | 36 | 11740 | 213.0 | Red** | 5.0 | 2.3 |

All springs have additional travel to solid equal to 50% of Rated Deflection. LDS elements have straight line deflection curves. *with red inner spring **with green inner spring †Includes double deflection LDS element. ††Applies to spring only. *10.0 indicates a rating of 10 Gs or greater.

2" (51mm) DEFLECTION B, B2, C2 & MULTIPLE C2 SPRING & DOUBLE DEFLECTION LDS HANGERS

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS DIMENSIONS

| Type | Size | D (in) (mm) | | H (in) (mm) | | W (in) (mm) | | Lower Rod Penetration LRP (in) (mm) | | Max. Rod Dia. MRD (in) (mm) | | Rod Extension REX (in) (mm) | | Upper Rod Penetration URP (in) (mm) | |
|----------|------|-------------|-----|-------------|-----|-------------|-----|-------------------------------------|-----|-----------------------------|----|-----------------------------|-----|-------------------------------------|-----|
| DNHS- | B | 4 | 102 | 9 | 229 | 4 3/4 | 121 | 5 1/8 | 130 | 3/4 | 19 | 2 1/4 | 57 | 3 | 76 |
| PCDNHS- | B2 | 4 | 102 | 9 | 229 | 4 3/4 | 121 | 5 1/8 | 130 | 3/4 | 19 | 2 1/4 | 57 | 3 | 76 |
| PCDNHSS- | C2 | 4 | 102 | 11 | 279 | 5 1/4 | 133 | 5 1/4 | 133 | 7/8 | 22 | 2 1/4 | 57 | 3 1/4 | 83 |
| RWDNHS- | 2-C2 | 9 | 229 | 12 | 305 | 5 1/4 | 133 | 6 | 152 | 1 | 25 | 4 1/4 | 108 | 3 3/4 | 95 |
| | 4-C2 | 7 | 178 | 15 | 381 | 8 7/8 | 225 | 8 | 203 | 1 1/4 | 32 | 4 1/2 | 114 | 6 | 152 |

| Size | Average Defl. LDS Rubber (in) (mm) | |
|-----------------|------------------------------------|----|
| B & B2 | 0.35 | 9 |
| C2, 2-C2 & 4-C2 | 0.40 | 10 |

SPRING ONLY

| Size | Spring OD (in) (mm) | | Free Height (in) (mm) | |
|-----------------|---------------------|----|-----------------------|-----|
| B | 23/8 | 60 | 4 | 102 |
| B2 | 23/8 | 60 | 4 1/2 | 114 |
| C2, 2-C2 & 4-C2 | 27/8 | 73 | 5 | 127 |

TYPE DNHS, PCDNHS, PCDNHSS & RWDNHS RATINGS (continued)

| Type | Size | Rated Capacity (lb) (kg) | | Rated Defl. [†] (in) (mm) | | Spring Constant ^{††} (lb/in) (kg/mm) | | Spring Color/Stripe | Vertical G Ratings Tens. Comp. | | |
|------------------------|----------------------|--------------------------|------|------------------------------------|------|-----------------------------------------------|-------|---------------------|--------------------------------|-------|-------|
| DNHS- | B-20 | 20 | 9 | 2.75 | 70 | 8 | 0.15 | Tan | 10.0* | 10.0* | |
| | B-26 | 26 | 12 | 2.53 | 64 | 12 | 0.22 | Wht/Bl | 10.0* | 10.0* | |
| | B-35 | 35 | 16 | 2.55 | 65 | 16 | 0.29 | Purple | 10.0* | 10.0* | |
| | B-50 | 50 | 23 | 2.55 | 65 | 24 | 0.41 | Wht/Rd | 10.0* | 10.0* | |
| | B-65 | 65 | 29 | 2.45 | 62 | 31 | 0.55 | Brown | 10.0* | 10.0* | |
| | B-85 | 85 | 39 | 2.45 | 62 | 40 | 0.74 | Wht/Blk | 10.0* | 10.0* | |
| | PCDNHS- | B-115 | 115 | 52 | 2.35 | 60 | 57 | 1.02 | Silver | 10.0* | 10.0* |
| | | B-150 | 150 | 68 | 2.35 | 60 | 75 | 1.33 | Orange | 10.0* | 10.0* |
| | | B2-210 | 210 | 95 | 2.47 | 63 | 99 | 1.76 | Silver | 10.0* | 10.0* |
| | RWDNHS- | B2-290 | 290 | 132 | 2.35 | 60 | 144 | 2.59 | Blue | 10.0* | 8.0 |
| B2-450 [‡] | | 450 | 204 | 2.35 | 60 | 224 | 4.00 | Tan | 10.0* | 5.1 | |
| B2-680 [‡] | | 680 | 308 | 2.35 | 60 | 340 | 6.04 | Gray | 10.0* | 3.4 | |
| C2-125 | | 125 | 57 | 2.90 | 74 | 50 | 0.89 | Purple | 10.0* | 10.0* | |
| C2-170 | | 170 | 77 | 2.80 | 71 | 70 | 1.26 | Brown | 10.0* | 10.0* | |
| C2-210 | 210 | 95 | 2.70 | 69 | 90 | 1.64 | Red | 10.0* | 10.0* | | |
| DNHS- | C2-260 | 260 | 118 | 2.60 | 66 | 120 | 2.11 | White | 10.0* | 10.0* | |
| | C2-330 | 330 | 150 | 2.40 | 61 | 165 | 2.94 | Black | 10.0* | 10.0* | |
| | C2-460 | 460 | 209 | 2.40 | 61 | 230 | 4.10 | Blue | 10.0* | 10.0* | |
| | C2-610 | 610 | 277 | 2.40 | 61 | 305 | 5.43 | Green | 10.0* | 10.0* | |
| | C2-880 [†] | 880 | 399 | 2.40 | 61 | 440 | 7.82 | Gray | 10.0* | 8.3 | |
| | C2-1210 [†] | 1210 | 549 | 2.40 | 61 | 605 | 10.80 | Silver | 10.0* | 6.0 | |
| | PCDNHS- | C2-1540 [†] | 1540 | 699 | 2.40 | 61 | 770 | 13.70 | Gray* | 10.0* | 4.7 |
| | | C2-1870 [†] | 1870 | 848 | 2.40 | 61 | 935 | 16.60 | Silver* | 9.4 | 3.9 |
| | PCDNHSS- | 2-C2-2420 [‡] | 2420 | 1098 | 2.40 | 61 | 1210 | 21.50 | Silver | 10.0* | 5.1 |
| 2-C2-3080 [‡] | | 3080 | 1397 | 2.40 | 61 | 1540 | 27.40 | Gray* | 10.0* | 4.0 | |
| 2-C2-3740 [‡] | | 3740 | 1696 | 2.40 | 61 | 1870 | 33.30 | Silver* | 10.0* | 3.3 | |
| 4-C2-3520 [‡] | | 3520 | 1597 | 2.40 | 61 | 1760 | 31.30 | Gray | 10.0* | 7.7 | |
| 4-C2-4840 [‡] | | 4840 | 2195 | 2.40 | 61 | 2420 | 43.00 | Silver | 10.0* | 5.6 | |
| 4-C2-6160 [‡] | | 6160 | 2794 | 2.40 | 61 | 3080 | 54.80 | Gray* | 9.5 | 4.4 | |
| 4-C2-7480 [‡] | | 7480 | 3393 | 2.40 | 61 | 3740 | 66.50 | Silver* | 7.8 | 3.6 | |

All springs without "†" have additional travel to solid equal to 50% of Rated Deflection. LDS elements have straight line deflection curves. *with red inner spring **10.0 indicates a rating of 10 Gs or greater. †Includes double deflection LDS element. ††Applies to spring only. ‡Published ratings allow minimum 25% additional travel to solid. For a full 50% specified minimum use the following ratings:

| Size | Derated Capacity (lb) (kg) | | Deflection (in) (mm) | |
|-----------|----------------------------|------|----------------------|----|
| B2-450 | 410 | 186 | 1.83 | 46 |
| B2-680 | 565 | 256 | 1.66 | 42 |
| C2-880 | 800 | 363 | 1.82 | 46 |
| C2-1210 | 1010 | 458 | 1.67 | 42 |
| C2-1540 | 1285 | 583 | 1.67 | 42 |
| C2-1870 | 1560 | 708 | 1.67 | 42 |
| 2-C2-1760 | 1600 | 726 | 1.82 | 46 |
| 2-C2-2420 | 2020 | 916 | 1.67 | 42 |
| 2-C2-3080 | 2570 | 1166 | 1.67 | 42 |
| 2-C2-3740 | 3120 | 1415 | 1.67 | 42 |
| 4-C2-4840 | 4040 | 1833 | 1.67 | 42 |
| 4-C2-6160 | 5145 | 2334 | 1.67 | 42 |
| 4-C2-7480 | 6245 | 2833 | 1.67 | 42 |

