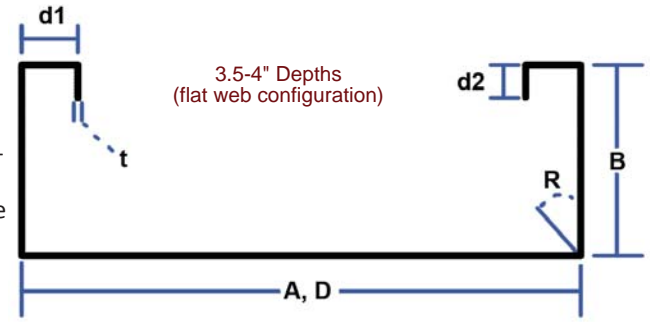


Important Notes

1. Section properties and capacities are calculated in accordance with AISI S100-07 with 2010 supplement.
2. Tabulated gross properties are based on the full-unreduced cross section of the studs, away from punchouts.
3. Effective section properties incorporate the strength increase from the cold-work of forming as applicable per AISI S100-07 Sec. A7.2.
4. Net effective section properties are calculated at a cross section through the punchout.
5. Allowable moment is the lesser of M_{al} and M_{ad} . Stud distortional buckling is based on an assumed $k_{\phi} = 0$.
6. For deflection calculations, use the effective moment of inertia.
7. The effective moment of inertia for deflection is calculated at a stress which results in a section modulus such that the stress times the section modulus at that stress is equal to the allowable moment. AISI S100-07 Procedure I for serviceability determination has been used.



SigmaStud® Product Profile: 3.5" - 4" Stud Depths

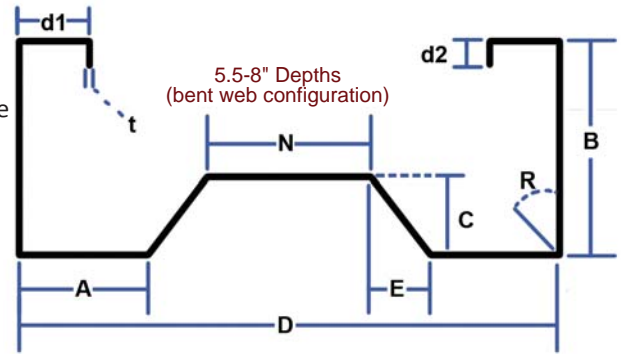
| Section | Overall Depth | Flange Width | Web Flat | Web Return | Web Return | Web Inside | Return Lip 1 | Return Lip 2 | Inside Bend Radius | Design Thickness | Unit Weight |
|--------------|---------------|--------------|----------|------------|------------|------------|--------------|--------------|--------------------|------------------|-------------|
| | D | B | A | C | E | N | d1 | d2 | R | t | |
| | (in) | (in) | (in) | (in) | (in) | (in) | (in) | (in) | (in) | (in) | |
| 350SG200-33 | 3.5 | 2 | 3.5 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.078 |
| 350SG200-43 | 3.5 | 2 | 3.5 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.400 |
| 350SG200-54 | 3.5 | 2 | 3.5 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 1.749 |
| 350SG200-68 | 3.5 | 2 | 3.5 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.192 |
| 350SG200-97 | 3.5 | 2 | 3.5 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.092 |
| 350SG250-33 | 3.5 | 2.5 | 3.5 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.196 |
| 350SG250-43 | 3.5 | 2.5 | 3.5 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.553 |
| 350SG250-54 | 3.5 | 2.5 | 3.5 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 1.942 |
| 350SG250-68 | 3.5 | 2.5 | 3.5 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.435 |
| 350SG250-97 | 3.5 | 2.5 | 3.5 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.438 |
| 350SG350-68 | 3.5 | 3.5 | 3.5 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.920 |
| 350SG350-97 | 3.5 | 3.5 | 3.5 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.130 |
| 350SG350-118 | 3.5 | 3.5 | 3.5 | N/A | N/A | N/A | 0.7684 | 0.5 | 0.105 | 0.1242 | 5.005 |
| 362SG200-33 | 3.625 | 2 | 3.625 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.093 |
| 362SG200-43 | 3.625 | 2 | 3.625 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.419 |
| 362SG200-54 | 3.625 | 2 | 3.625 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 1.773 |
| 362SG200-68 | 3.625 | 2 | 3.625 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.222 |
| 362SG200-97 | 3.625 | 2 | 3.625 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.135 |
| 362SG250-33 | 3.625 | 2.5 | 3.625 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.210 |
| 362SG250-43 | 3.625 | 2.5 | 3.625 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.572 |
| 362SG250-54 | 3.625 | 2.5 | 3.625 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 1.966 |
| 362SG250-68 | 3.625 | 2.5 | 3.625 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.465 |
| 362SG250-97 | 3.625 | 2.5 | 3.625 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.481 |
| 362SG350-68 | 3.625 | 3.5 | 3.625 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.950 |
| 362SG350-97 | 3.625 | 3.5 | 3.625 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.173 |
| 362SG350-118 | 3.625 | 3.5 | 3.625 | N/A | N/A | N/A | 0.7684 | 0.5 | 0.105 | 0.1242 | 5.058 |
| 400SG200-33 | 4 | 2 | 4 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.137 |
| 400SG200-43 | 4 | 2 | 4 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.477 |
| 400SG200-54 | 4 | 2 | 4 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 1.846 |
| 400SG200-68 | 4 | 2 | 4 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.313 |
| 400SG200-97 | 4 | 2 | 4 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.265 |
| 400SG250-33 | 4 | 2.5 | 4 | N/A | N/A | N/A | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.255 |
| 400SG250-43 | 4 | 2.5 | 4 | N/A | N/A | N/A | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.630 |
| 400SG250-54 | 4 | 2.5 | 4 | N/A | N/A | N/A | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.038 |
| 400SG250-68 | 4 | 2.5 | 4 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.556 |
| 400SG250-97 | 4 | 2.5 | 4 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 3.611 |
| 400SG350-68 | 4 | 3.5 | 4 | N/A | N/A | N/A | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.041 |
| 400SG350-97 | 4 | 3.5 | 4 | N/A | N/A | N/A | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.303 |
| 400SG350-118 | 4 | 3.5 | 4 | N/A | N/A | N/A | 0.7684 | 0.5 | 0.105 | 0.1242 | 5.216 |

Load Bearing Wall Systems

SigmaStud® Product Dimensions

Important Notes

1. Section properties and capacities are calculated in accordance with AISI S100-07 with 2010 supplement.
2. Tabulated gross properties are based on the full-unreduced cross section of the studs, away from punchouts.
3. Effective section properties incorporate the strength increase from the cold-work of forming as applicable per AISI S100-07 Sec. A7.2.
4. Net effective section properties are calculated at a cross section through the punchout.
5. Allowable moment is the lesser of M_{al} and M_{ad} . Stud distortional buckling is based on an assumed $k_{\phi} = 0$.
6. For deflection calculations, use the effective moment of inertia.
7. The effective moment of inertia for deflection is calculated at a stress which results in a section modulus such that the stress times the section modulus at that stress is equal to the allowable moment. AISI S100-07 Procedure I for serviceability determination has been used.



| SigmaStud® Product Profile: 5.5" - 8" Stud Depths 5.5" - 8" | | | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|------------|--------------|--------------|--------------------|------------------|-------------|
| Section | Overall Depth | Flange Width | Web Flat | Web Return | Web Return | Web Inside | Return Lip 1 | Return Lip 2 | Inside Bend Radius | Design Thickness | Unit Weight |
| | D (in) | B (in) | A (in) | C (in) | E (in) | N (in) | d1 (in) | d2 (in) | R (in) | t (in) | (lb/ft) |
| 550SG162-33 | 5.5 | 1.625 | 1 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0346 | 1.232 |
| 550SG162-43 | 5.5 | 1.625 | 1 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0451 | 1.598 |
| 550SG200-33 | 5.5 | 2 | 1 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.438 |
| 550SG200-43 | 5.5 | 2 | 1 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.869 |
| 550SG200-54 | 5.5 | 2 | 1 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.338 |
| 550SG200-68 | 5.5 | 2 | 1 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 2.933 |
| 550SG200-97 | 5.5 | 2 | 1 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.147 |
| 550SG250-33 | 5.5 | 2.5 | 1 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.556 |
| 550SG250-43 | 5.5 | 2.5 | 1 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.023 |
| 550SG250-54 | 5.5 | 2.5 | 1 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.531 |
| 550SG250-68 | 5.5 | 2.5 | 1 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.176 |
| 550SG250-97 | 5.5 | 2.5 | 1 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.493 |
| 550SG300-43 | 5.5 | 3 | 1 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.176 |
| 550SG300-54 | 5.5 | 3 | 1 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.723 |
| 550SG300-68 | 5.5 | 3 | 1 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.418 |
| 550SG300-97 | 5.5 | 3 | 1 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.839 |
| 550SG300-118 | 5.5 | 3 | 1 | 1 | 0.625 | 2.25 | 0.7684 | 0.5 | 0.105 | 0.1242 | 5.867 |
| 600SG162-33 | 6 | 1.625 | 1.25 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0346 | 1.291 |
| 600SG162-43 | 6 | 1.625 | 1.25 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0451 | 1.674 |
| 600SG200-33 | 6 | 2 | 1.25 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.497 |
| 600SG200-43 | 6 | 2 | 1.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 1.946 |
| 600SG200-54 | 6 | 2 | 1.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.435 |
| 600SG200-68 | 6 | 2 | 1.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.054 |
| 600SG200-97 | 6 | 2 | 1.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.320 |
| 600SG250-33 | 6 | 2.5 | 1.25 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.615 |
| 600SG250-43 | 6 | 2.5 | 1.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.100 |
| 600SG250-54 | 6 | 2.5 | 1.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.627 |
| 600SG250-68 | 6 | 2.5 | 1.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.297 |
| 600SG250-97 | 6 | 2.5 | 1.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 4.666 |
| 600SG300-43 | 6 | 3 | 1.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.253 |
| 600SG300-54 | 6 | 3 | 1.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.820 |
| 600SG300-68 | 6 | 3 | 1.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.540 |
| 600SG300-97 | 6 | 3 | 1.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 5.012 |
| 600SG300-118 | 6 | 3 | 1.25 | 1 | 0.625 | 2.25 | 0.7684 | 0.5 | 0.105 | 0.1242 | 6.078 |
| 800SG162-33 | 8 | 1.625 | 2.25 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0346 | 1.526 |
| 800SG162-43 | 8 | 1.625 | 2.25 | 1 | 0.625 | 2.25 | 0.5 | 0 | 0.105 | 0.0451 | 1.981 |
| 800SG200-33 | 8 | 2 | 2.25 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.733 |
| 800SG200-43 | 8 | 2 | 2.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.253 |
| 800SG200-54 | 8 | 2 | 2.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 2.820 |
| 800SG200-68 | 8 | 2 | 2.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.540 |
| 800SG200-97 | 8 | 2 | 2.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 5.012 |
| 800SG250-33 | 8 | 2.5 | 2.25 | 1 | 0.625 | 2.25 | 0.5892 | 0.5 | 0.105 | 0.0346 | 1.851 |
| 800SG250-43 | 8 | 2.5 | 2.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.406 |
| 800SG250-54 | 8 | 2.5 | 2.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 3.012 |
| 800SG250-68 | 8 | 2.5 | 2.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 3.782 |
| 800SG250-97 | 8 | 2.5 | 2.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 5.358 |
| 800SG300-43 | 8 | 3 | 2.25 | 1 | 0.625 | 2.25 | 0.6102 | 0.5 | 0.105 | 0.0451 | 2.560 |
| 800SG300-54 | 8 | 3 | 2.25 | 1 | 0.625 | 2.25 | 0.6332 | 0.5 | 0.105 | 0.0566 | 3.205 |
| 800SG300-68 | 8 | 3 | 2.25 | 1 | 0.625 | 2.25 | 0.6626 | 0.5 | 0.105 | 0.0713 | 4.025 |
| 800SG300-97 | 8 | 3 | 2.25 | 1 | 0.625 | 2.25 | 0.7234 | 0.5 | 0.105 | 0.1017 | 5.704 |
| 800SG300-118 | 8 | 3 | 2.25 | 1 | 0.625 | 2.25 | 0.7684 | 0.5 | 0.105 | 0.1242 | 6.922 |

Important Notes

1. Section properties and capacities are calculated in accordance with AISI S100-07 with 2010 supplement.
2. Tabulated gross properties are based on the full-unreduced cross section of the studs, away from punchouts.
3. Effective section properties incorporate the strength increase from the cold-work of forming as applicable per AISI S100-07 Sec. A7.2.
4. Net effective section properties are calculated at a cross section through the punchout.
5. Allowable moment is the lesser of M_{al} and M_{ad} . Stud distortional buckling is based on an assumed $k_{\phi} = 0$.
6. For deflection calculations, use the effective moment of inertia.
7. The effective moment of inertia for deflection is calculated at a stress which results in a section modulus such that the stress times the section modulus at that stress is equal to the allowable moment. AISI S100-07 Procedure I for serviceability determination has been used.

| SigmaStud® Section Properties | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|-------|-------|-------|-------|----------------------|--------|-------|--------|-------|---------|-----------------------------|-------|-------|--------------|----------|---------------|-----------|-----------|--------------|
| Section (All 50 ksi) | Gross Properties | | | | | | Torsional Properties | | | | | | Effective Properties 50 ksi | | | | | | | | |
| | Area | I_x | S_x | R_x | I_y | R_y | $Jx10^4$ | C_v | R_o | X_o | m | β | $A_{e(net)}$ | I_x | S_x | $S_{x(net)}$ | M_{al} | $M_{al(net)}$ | M_{ad} | V_a | $V_{a(net)}$ |
| | (in²) | (in⁴) | (in³) | (in) | (in⁴) | (in) | (in⁴) | (in⁴) | (in) | (in) | (in) | | (in²) | (in⁴) | (in³) | (in³) | (in³) | (kips-in) | (kips-in) | (kips-in) | (lbs) |
| 350SG200-33 | 0.317 | 0.630 | 0.360 | 1.410 | 0.194 | 0.782 | 0.126 | 0.718 | 2.549 | -1.975 | 1.178 | 0.400 | 0.201 | 0.615 | 0.310 | 0.283 | 9.295 | 8.479 | 8.570 | 1145 | 527 |
| 350SG200-43 | 0.411 | 0.810 | 0.463 | 1.404 | 0.249 | 0.779 | 0.279 | 0.929 | 2.541 | -1.969 | 1.176 | 0.399 | 0.293 | 0.810 | 0.430 | 0.406 | 12.878 | 12.161 | 12.176 | 2141 | 747 |
| 350SG200-54 | 0.514 | 1.003 | 0.573 | 1.397 | 0.309 | 0.775 | 0.549 | 1.158 | 2.531 | -1.963 | 1.173 | 0.398 | 0.384 | 1.003 | 0.550 | 0.530 | 16.470 | 15.871 | 16.295 | 3371 | 925 |
| 350SG200-68 | 0.644 | 1.241 | 0.709 | 1.388 | 0.382 | 0.770 | 1.091 | 1.444 | 2.519 | -1.955 | 1.169 | 0.397 | 0.529 | 1.241 | 0.709 | 0.696 | 23.531 | 20.831 | 21.230 | 4208 | 900 |
| 350SG200-97 | 0.909 | 1.705 | 0.974 | 1.370 | 0.525 | 0.760 | 3.132 | 2.017 | 2.492 | -1.938 | 1.160 | 0.395 | 0.756 | 1.705 | 0.974 | 0.958 | 33.387 | 32.831 | 29.168 | 5886 | 850 |
| 350SG250-33 | 0.351 | 0.734 | 0.419 | 1.445 | 0.329 | 0.967 | 0.140 | 1.206 | 3.025 | -2.476 | 1.448 | 0.330 | 0.210 | 0.692 | 0.331 | 0.300 | 9.904 | 8.995 | 9.106 | 1145 | 527 |
| 350SG250-43 | 0.456 | 0.945 | 0.540 | 1.439 | 0.424 | 0.964 | 0.309 | 1.565 | 3.017 | -2.471 | 1.445 | 0.329 | 0.292 | 0.933 | 0.447 | 0.418 | 13.371 | 12.505 | 13.045 | 2141 | 747 |
| 350SG250-54 | 0.571 | 1.171 | 0.669 | 1.432 | 0.526 | 0.960 | 0.609 | 1.953 | 3.008 | -2.465 | 1.442 | 0.329 | 0.383 | 1.171 | 0.571 | 0.545 | 17.099 | 16.324 | 17.616 | 3371 | 925 |
| 350SG250-68 | 0.715 | 1.450 | 0.829 | 1.424 | 0.653 | 0.955 | 1.212 | 2.443 | 2.996 | -2.457 | 1.439 | 0.328 | 0.519 | 1.450 | 0.748 | 0.728 | 22.400 | 21.809 | 23.676 | 4208 | 900 |
| 350SG250-97 | 1.010 | 1.999 | 1.142 | 1.406 | 0.904 | 0.946 | 3.483 | 3.431 | 2.972 | -2.441 | 1.430 | 0.325 | 0.858 | 1.999 | 1.125 | 1.107 | 37.597 | 37.006 | 34.192 | 5886 | 850 |
| 350SG350-68 | 0.858 | 1.870 | 1.068 | 1.476 | 1.471 | 1.309 | 1.454 | 5.401 | 3.980 | -3.456 | 1.965 | 0.246 | 0.535 | 1.812 | 0.804 | 0.774 | 24.073 | 23.179 | 26.651 | 4208 | 900 |
| 350SG350-97 | 1.214 | 2.586 | 1.478 | 1.460 | 2.050 | 1.300 | 4.184 | 7.627 | 3.958 | -3.441 | 1.957 | 0.244 | 0.866 | 2.574 | 1.267 | 1.238 | 37.945 | 37.068 | 42.171 | 5886 | 850 |
| 350SG350-118 | 1.471 | 3.082 | 1.761 | 1.448 | 2.457 | 1.293 | 7.538 | 9.227 | 3.941 | -3.430 | 1.951 | 0.243 | 1.173 | 3.082 | 1.670 | 1.644 | 50.000 | 49.221 | 52.725 | 7073 | 814 |
| 362SG200-33 | 0.321 | 0.683 | 0.377 | 1.459 | 0.196 | 0.782 | 0.128 | 0.759 | 2.561 | -1.954 | 1.168 | 0.418 | 0.202 | 0.667 | 0.326 | 0.295 | 9.754 | 8.842 | 8.919 | 1102 | 544 |
| 362SG200-43 | 0.417 | 0.879 | 0.485 | 1.452 | 0.253 | 0.779 | 0.283 | 0.983 | 2.552 | -1.948 | 1.166 | 0.417 | 0.293 | 0.879 | 0.451 | 0.424 | 13.504 | 12.690 | 12.685 | 2141 | 802 |
| 362SG200-54 | 0.521 | 1.089 | 0.601 | 1.445 | 0.313 | 0.775 | 0.556 | 1.224 | 2.542 | -1.942 | 1.163 | 0.416 | 0.385 | 1.089 | 0.577 | 0.553 | 17.261 | 16.571 | 16.994 | 3372 | 994 |
| 362SG200-68 | 0.653 | 1.348 | 0.744 | 1.437 | 0.388 | 0.770 | 1.107 | 1.526 | 2.530 | -1.934 | 1.159 | 0.415 | 0.532 | 1.348 | 0.744 | 0.728 | 24.678 | 21.799 | 22.265 | 4375 | 1007 |
| 362SG200-97 | 0.921 | 1.854 | 1.023 | 1.419 | 0.533 | 0.761 | 3.176 | 2.130 | 2.504 | -1.918 | 1.150 | 0.413 | 0.769 | 1.854 | 1.023 | 1.007 | 35.050 | 34.514 | 30.621 | 6124 | 954 |
| 362SG250-33 | 0.356 | 0.795 | 0.438 | 1.495 | 0.333 | 0.968 | 0.142 | 1.277 | 3.031 | -2.453 | 1.437 | 0.345 | 0.210 | 0.750 | 0.347 | 0.313 | 10.387 | 9.375 | 9.461 | 1102 | 544 |
| 362SG250-43 | 0.462 | 1.024 | 0.565 | 1.489 | 0.430 | 0.964 | 0.313 | 1.656 | 3.023 | -2.447 | 1.435 | 0.344 | 0.293 | 1.011 | 0.468 | 0.435 | 14.012 | 13.038 | 13.565 | 2141 | 802 |
| 362SG250-54 | 0.578 | 1.269 | 0.700 | 1.482 | 0.533 | 0.961 | 0.617 | 2.066 | 3.014 | -2.442 | 1.432 | 0.344 | 0.385 | 1.269 | 0.598 | 0.569 | 17.908 | 17.031 | 18.335 | 3372 | 994 |
| 362SG250-68 | 0.724 | 1.573 | 0.868 | 1.474 | 0.662 | 0.956 | 1.227 | 2.583 | 3.002 | -2.434 | 1.428 | 0.342 | 0.522 | 1.573 | 0.783 | 0.761 | 23.449 | 22.775 | 24.670 | 4375 | 1007 |
| 362SG250-97 | 1.023 | 2.169 | 1.197 | 1.456 | 0.916 | 0.946 | 3.527 | 3.625 | 2.977 | -2.418 | 1.420 | 0.340 | 0.870 | 2.169 | 1.178 | 1.161 | 39.389 | 38.814 | 35.835 | 6124 | 954 |
| 362SG350-68 | 0.867 | 2.023 | 1.116 | 1.528 | 1.491 | 1.311 | 1.469 | 5.715 | 3.977 | -3.430 | 1.954 | 0.256 | 0.538 | 1.961 | 0.841 | 0.808 | 25.186 | 24.190 | 27.689 | 4375 | 1007 |
| 362SG350-97 | 1.226 | 2.801 | 1.545 | 1.511 | 2.078 | 1.302 | 4.228 | 8.065 | 3.955 | -3.415 | 1.947 | 0.254 | 0.879 | 2.787 | 1.325 | 1.296 | 39.672 | 38.798 | 43.895 | 6124 | 954 |
| 362SG350-118 | 1.486 | 3.340 | 1.843 | 1.499 | 2.491 | 1.295 | 7.617 | 9.753 | 3.938 | -3.404 | 1.941 | 0.253 | 1.189 | 3.340 | 1.746 | 1.721 | 52.284 | 51.518 | 55.170 | 7363 | 917 |
| 400SG200-33 | 0.334 | 0.859 | 0.429 | 1.603 | 0.204 | 0.782 | 0.133 | 0.895 | 2.602 | -1.894 | 1.139 | 0.470 | 0.202 | 0.840 | 0.373 | 0.332 | 11.168 | 9.928 | 9.971 | 991 | 589 |
| 400SG200-43 | 0.434 | 1.107 | 0.553 | 1.597 | 0.263 | 0.778 | 0.294 | 1.157 | 2.593 | -1.889 | 1.136 | 0.469 | 0.295 | 1.107 | 0.515 | 0.477 | 15.429 | 14.276 | 14.220 | 2141 | 967 |
| 400SG200-54 | 0.542 | 1.371 | 0.686 | 1.590 | 0.325 | 0.775 | 0.579 | 1.440 | 2.583 | -1.883 | 1.133 | 0.469 | 0.389 | 1.371 | 0.658 | 0.624 | 19.693 | 18.673 | 19.109 | 3372 | 1201 |
| 400SG200-68 | 0.680 | 1.700 | 0.850 | 1.581 | 0.403 | 0.770 | 1.152 | 1.794 | 2.571 | -1.875 | 1.129 | 0.468 | 0.540 | 1.700 | 0.850 | 0.825 | 28.202 | 24.708 | 25.444 | 4876 | 1360 |
| 400SG200-97 | 0.959 | 2.344 | 1.172 | 1.563 | 0.555 | 0.760 | 3.308 | 2.498 | 2.544 | -1.858 | 1.121 | 0.467 | 0.806 | 2.344 | 1.172 | 1.158 | 40.162 | 34.664 | 35.087 | 6839 | 1299 |
| 400SG250-33 | 0.369 | 0.995 | 0.497 | 1.643 | 0.346 | 0.969 | 0.147 | 1.506 | 3.055 | -2.386 | 1.407 | 0.390 | 0.211 | 0.941 | 0.397 | 0.351 | 11.873 | 10.514 | 10.530 | 991 | 589 |
| 400SG250-43 | 0.479 | 1.283 | 0.641 | 1.637 | 0.446 | 0.965 | 0.325 | 1.951 | 3.046 | -2.381 | 1.404 | 0.389 | 0.294 | 1.268 | 0.534 | 0.489 | 15.981 | 14.635 | 15.133 | 2141 | 967 |
| 400SG250-54 | 0.599 | 1.591 | 0.796 | 1.630 | 0.554 | 0.962 | 0.640 | 2.432 | 3.037 | -2.375 | 1.401 | 0.388 | 0.388 | 1.591 | 0.681 | 0.640 | 20.397 | 19.150 | 20.506 | 3372 | 1201 |
| 400SG250-68 | 0.751 | 1.975 | 0.987 | 1.622 | 0.688 | 0.957 | 1.273 | 3.038 | 3.025 | -2.368 | 1.398 | 0.387 | 0.530 | 1.975 | 0.891 | 0.858 | 26.669 | 25.675 | 27.679 | 4876 | 1360 |
| 400SG250-97 | 1.061 | 2.730 | 1.365 | 1.604 | 0.953 | 0.948 | 3.658 | 4.255 | 3.000 | -2.352 | 1.390 | 0.386 | 0.908 | 2.730 | 1.343 | 1.351 | 44.884 | 40.448 | 40.871 | 6839 | 1299 |
| 400SG350-68 | 0.894 | 2.525 | 1.263 | 1.681 | 1.547 | 1.316 | 1.514 | 6.736 | 3.976 | -3.354 | 1.922 | 0.288 | 0.545 | 2.447 | 0.955 | 0.909 | 28.602 | 27.223 | 30.818 | 4876 | 1360 |
| 400SG350-97 | 1.265 | 3.503 | 1.751 | 1.664 | 2.158 | 1.306 | 4.360 | 9.488 | 3.953 | -3.339 | 1.915 | 0.286 | 0.917 | 3.483 | 1.502 | 1.473 | 44.961 | 44.092 | 49.104 | 6839 | 1299 |
| 400SG350-118 | 1.533 | 4.184 | 2.092 | 1.652 | 2.587 | 1.299 | 7.855 | 11.458 | 3.936 | -3.328 | 1.909 | 0.285 | 1.235 | 4.184 | 1.980 | 1.955 | 59.268 | 58.533 | 62.640 | 8235 | 1256 |

Refer to Important Table Notes on Page 5

| Section (All 50 ksi) | SigmaStud® Section Properties | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|----------------------------|-------------------------|------------------------|------------------------|-----------|-------|------------------------------|-------------------------|-------------------------|------------------------------|------------------------------|-----------------------------------|------------------------------|-------------------------|------------------------------|
| | Gross Properties | | | | | | Torsional Properties | | | | | | Effective Properties 50 ksi | | | | | | | | |
| | Area (in²) | I _x (in⁴) | S _x (in³) | R _x (in) | I _y (in⁴) | R _y (in) | Jx10 ⁶ (in⁴) | C _w (in⁶) | R _o (in) | X _o (in) | m (in) | β | A _{e(net)} (in²) | I _x (in⁴) | S _x (in³) | S _{x(net)} (in³) | M _{al} (kips-in) | M _{al(net)} (kips-in) | M _{ad} (kips-in) | V _a (lbs) | V _{a(net)} (lbs) |
| 550SG162-33 | 0.362 | 1.522 | 0.554 | 2.051 | 0.096 | 0.514 | 0.144 | 0.864 | 2.124 | -0.203 | 0.495 | 0.991 | 0.261 | 1.522 | 0.498 | 0.492 | 14.920 | 14.716 | 11.731 | 997 | 587 |
| 550SG162-43 | 0.469 | 1.963 | 0.714 | 2.045 | 0.122 | 0.510 | 0.318 | 1.097 | 2.116 | -0.191 | 0.504 | 0.992 | 0.364 | 1.963 | 0.663 | 0.655 | 19.843 | 19.611 | 16.926 | 2141 | 952 |
| 550SG200-33 | 0.423 | 1.882 | 0.684 | 2.110 | 0.175 | 0.643 | 0.169 | 1.783 | 2.319 | -0.716 | 0.160 | 0.905 | 0.315 | 1.855 | 0.609 | 0.602 | 18.234 | 18.016 | 14.840 | 997 | 587 |
| 550SG200-43 | 0.549 | 2.432 | 0.884 | 2.104 | 0.225 | 0.640 | 0.372 | 2.294 | 2.310 | -0.708 | 0.165 | 0.906 | 0.447 | 2.432 | 0.833 | 0.826 | 24.934 | 24.718 | 21.359 | 2141 | 952 |
| 550SG200-54 | 0.687 | 3.023 | 1.099 | 2.097 | 0.278 | 0.636 | 0.734 | 2.838 | 2.301 | -0.700 | 0.172 | 0.907 | 0.577 | 3.023 | 1.058 | 1.050 | 31.665 | 31.425 | 28.982 | 3372 | 1176 |
| 550SG200-68 | 0.862 | 3.761 | 1.368 | 2.089 | 0.344 | 0.631 | 1.460 | 3.510 | 2.289 | -0.689 | 0.180 | 0.909 | 0.755 | 3.761 | 1.368 | 1.361 | 45.387 | 45.149 | 39.170 | 4793 | 1298 |
| 550SG200-97 | 1.219 | 5.229 | 1.901 | 2.072 | 0.471 | 0.622 | 4.201 | 4.816 | 2.263 | -0.667 | 0.197 | 0.913 | 1.066 | 5.229 | 1.901 | 1.891 | 65.164 | 64.815 | 56.931 | 6657 | 1207 |
| 550SG250-33 | 0.457 | 2.140 | 0.778 | 2.163 | 0.302 | 0.813 | 0.182 | 2.936 | 2.584 | -1.157 | 0.109 | 0.800 | 0.324 | 2.051 | 0.644 | 0.634 | 19.272 | 18.975 | 15.414 | 997 | 587 |
| 550SG250-43 | 0.594 | 2.767 | 1.006 | 2.158 | 0.389 | 0.809 | 0.403 | 3.788 | 2.575 | -1.149 | 0.104 | 0.801 | 0.446 | 2.744 | 0.860 | 0.848 | 25.735 | 25.384 | 22.319 | 2141 | 952 |
| 550SG250-54 | 0.744 | 3.442 | 1.252 | 2.151 | 0.483 | 0.806 | 0.794 | 4.701 | 2.565 | -1.141 | 0.098 | 0.802 | 0.576 | 3.442 | 1.092 | 1.078 | 32.686 | 32.274 | 30.488 | 3372 | 1176 |
| 550SG250-68 | 0.933 | 4.286 | 1.559 | 2.143 | 0.599 | 0.801 | 1.581 | 5.835 | 2.552 | -1.131 | 0.090 | 0.804 | 0.745 | 4.286 | 1.418 | 1.403 | 42.443 | 42.007 | 41.569 | 4793 | 1298 |
| 550SG250-97 | 1.320 | 5.970 | 2.171 | 2.126 | 0.826 | 0.791 | 4.552 | 8.069 | 2.525 | -1.108 | 0.073 | 0.807 | 1.168 | 5.970 | 2.133 | 2.121 | 71.321 | 70.907 | 64.998 | 6657 | 1207 |
| 550SG300-43 | 0.639 | 3.103 | 1.128 | 2.203 | 0.622 | 0.987 | 0.434 | 5.742 | 2.894 | -1.597 | 0.369 | 0.695 | 0.443 | 2.984 | 0.876 | 0.859 | 26.214 | 25.729 | 23.034 | 2141 | 952 |
| 550SG300-54 | 0.800 | 3.861 | 1.404 | 2.197 | 0.773 | 0.983 | 0.855 | 7.139 | 2.884 | -1.589 | 0.363 | 0.696 | 0.580 | 3.725 | 1.128 | 1.110 | 33.781 | 33.222 | 31.625 | 3372 | 1176 |
| 550SG300-68 | 1.004 | 4.812 | 1.750 | 2.189 | 0.960 | 0.978 | 1.702 | 8.883 | 2.870 | -1.579 | 0.355 | 0.697 | 0.756 | 4.753 | 1.476 | 1.455 | 44.180 | 43.572 | 43.406 | 4793 | 1298 |
| 550SG300-97 | 1.422 | 6.711 | 2.440 | 2.172 | 1.332 | 0.968 | 4.902 | 12.348 | 2.843 | -1.557 | 0.340 | 0.700 | 1.187 | 6.711 | 2.310 | 2.293 | 69.159 | 68.650 | 69.483 | 6657 | 1207 |
| 550SG300-118 | 1.724 | 8.048 | 2.927 | 2.161 | 1.590 | 0.960 | 8.837 | 14.766 | 2.822 | -1.541 | 0.328 | 0.702 | 1.486 | 8.048 | 2.812 | 2.793 | 93.863 | 93.245 | 87.622 | 7956 | 1142 |
| 600SG162-33 | 0.379 | 1.854 | 0.618 | 2.211 | 0.104 | 0.523 | 0.151 | 1.090 | 2.284 | -0.234 | 0.432 | 0.990 | 0.279 | 1.854 | 0.558 | 0.551 | 16.702 | 16.505 | 12.720 | 878 | 634 |
| 600SG162-43 | 0.492 | 2.392 | 0.797 | 2.205 | 0.133 | 0.519 | 0.334 | 1.386 | 2.276 | -0.222 | 0.441 | 0.990 | 0.386 | 2.392 | 0.741 | 0.734 | 22.192 | 21.969 | 18.413 | 1959 | 1073 |
| 600SG200-33 | 0.440 | 2.291 | 0.764 | 2.282 | 0.187 | 0.653 | 0.176 | 2.203 | 2.487 | -0.744 | 0.097 | 0.910 | 0.333 | 2.262 | 0.682 | 0.675 | 20.417 | 20.203 | 16.201 | 878 | 634 |
| 600SG200-43 | 0.572 | 2.962 | 0.987 | 2.276 | 0.241 | 0.650 | 0.388 | 2.837 | 2.479 | -0.737 | 0.102 | 0.912 | 0.470 | 2.962 | 0.931 | 0.924 | 27.880 | 27.673 | 23.374 | 1959 | 1073 |
| 600SG200-54 | 0.715 | 3.683 | 1.228 | 2.269 | 0.299 | 0.646 | 0.764 | 3.513 | 2.469 | -0.729 | 0.108 | 0.913 | 0.605 | 3.683 | 1.182 | 1.174 | 35.379 | 35.150 | 31.797 | 3372 | 1451 |
| 600SG200-68 | 0.898 | 4.586 | 1.529 | 2.261 | 0.370 | 0.642 | 1.521 | 4.350 | 2.457 | -0.719 | 0.116 | 0.914 | 0.791 | 4.586 | 1.529 | 1.522 | 50.735 | 50.518 | 43.111 | 5350 | 1796 |
| 600SG200-97 | 1.269 | 6.386 | 2.129 | 2.243 | 0.508 | 0.633 | 4.376 | 5.980 | 2.432 | -0.697 | 0.133 | 0.918 | 1.117 | 6.386 | 2.129 | 2.119 | 72.948 | 72.629 | 63.731 | 7610 | 1726 |
| 600SG250-33 | 0.475 | 2.599 | 0.866 | 2.340 | 0.320 | 0.822 | 0.189 | 3.590 | 2.747 | -1.180 | 0.170 | 0.815 | 0.341 | 2.496 | 0.720 | 0.710 | 21.563 | 21.269 | 16.810 | 878 | 634 |
| 600SG250-43 | 0.617 | 3.362 | 1.121 | 2.334 | 0.413 | 0.818 | 0.418 | 4.633 | 2.737 | -1.173 | 0.165 | 0.816 | 0.469 | 3.339 | 0.961 | 0.949 | 28.760 | 28.412 | 24.389 | 1959 | 1073 |
| 600SG250-54 | 0.772 | 4.183 | 1.394 | 2.328 | 0.513 | 0.815 | 0.824 | 5.752 | 2.728 | -1.165 | 0.160 | 0.818 | 0.604 | 4.183 | 1.219 | 1.206 | 36.501 | 36.093 | 33.384 | 3372 | 1451 |
| 600SG250-68 | 0.969 | 5.213 | 1.738 | 2.320 | 0.636 | 0.810 | 1.642 | 7.145 | 2.715 | -1.155 | 0.152 | 0.819 | 0.780 | 5.213 | 1.582 | 1.567 | 47.351 | 46.922 | 45.633 | 5350 | 1796 |
| 600SG250-97 | 1.371 | 7.270 | 2.423 | 2.303 | 0.879 | 0.800 | 4.727 | 9.893 | 2.688 | -1.133 | 0.137 | 0.822 | 1.219 | 7.270 | 2.381 | 2.369 | 79.592 | 79.202 | 72.361 | 7610 | 1726 |
| 600SG300-43 | 0.662 | 3.761 | 1.254 | 2.384 | 0.655 | 0.995 | 0.449 | 6.972 | 3.047 | -1.616 | 0.429 | 0.719 | 0.466 | 3.628 | 0.979 | 0.962 | 29.297 | 28.809 | 25.131 | 1959 | 1073 |
| 600SG300-54 | 0.829 | 4.683 | 1.561 | 2.377 | 0.814 | 0.991 | 0.885 | 8.670 | 3.036 | -1.608 | 0.424 | 0.720 | 0.608 | 4.526 | 1.260 | 1.241 | 37.713 | 37.153 | 34.564 | 3372 | 1451 |
| 600SG300-68 | 1.040 | 5.840 | 1.947 | 2.369 | 1.012 | 0.986 | 1.763 | 10.793 | 3.023 | -1.598 | 0.417 | 0.721 | 0.791 | 5.775 | 1.646 | 1.625 | 49.272 | 48.663 | 47.543 | 5350 | 1796 |
| 600SG300-97 | 1.473 | 8.155 | 2.718 | 2.353 | 1.404 | 0.976 | 5.078 | 15.015 | 2.996 | -1.577 | 0.402 | 0.723 | 1.238 | 8.155 | 2.572 | 2.556 | 77.021 | 76.525 | 76.434 | 7610 | 1726 |
| 600SG300-118 | 1.786 | 9.789 | 3.263 | 2.341 | 1.678 | 0.969 | 9.154 | 17.967 | 2.976 | -1.562 | 0.391 | 0.725 | 1.548 | 9.789 | 3.134 | 3.116 | 104.620 | 104.024 | 97.696 | 9118 | 1649 |
| 800SG162-33 | 0.448 | 3.631 | 0.908 | 2.845 | 0.130 | 0.538 | 0.179 | 2.193 | 2.912 | -0.302 | 0.261 | 0.989 | 0.298 | 3.631 | 0.754 | 0.744 | 22.576 | 22.270 | 16.445 | 595 | 595 |
| 800SG162-43 | 0.582 | 4.691 | 1.173 | 2.839 | 0.166 | 0.534 | 0.395 | 2.796 | 2.903 | -0.292 | 0.269 | 0.990 | 0.439 | 4.691 | 1.056 | 1.047 | 31.604 | 31.335 | 24.107 | 1324 | 1269 |
| 800SG200-33 | 0.509 | 4.453 | 1.113 | 2.957 | 0.230 | 0.672 | 0.203 | 4.278 | 3.134 | -0.791 | 0.064 | 0.936 | 0.352 | 4.422 | 0.930 | 0.919 | 27.843 | 27.525 | 21.591 | 595 | 595 |
| 800SG200-43 | 0.662 | 5.765 | 1.441 | 2.951 | 0.296 | 0.669 | 0.449 | 5.516 | 3.126 | -0.784 | 0.059 | 0.937 | 0.522 | 5.765 | 1.325 | 1.317 | 39.673 | 39.425 | 31.423 | 1324 | 1269 |
| 800SG200-54 | 0.829 | 7.181 | 1.795 | 2.944 | 0.367 | 0.666 | 0.885 | 6.840 | 3.117 | -0.777 | 0.054 | 0.938 | 0.701 | 7.181 | 1.731 | 1.724 | 51.819 | 51.620 | 43.141 | 2632 | 1994 |
| 800SG200-68 | 1.040 | 8.960 | 2.240 | 2.935 | 0.455 | 0.662 | 1.763 | 8.484 | 3.105 | -0.767 | 0.047 | 0.939 | 0.933 | 8.960 | 2.240 | 2.235 | 74.340 | 74.180 | 59.159 | 5301 | 3157 |
| 800SG200-97 | 1.473 | 12.530 | 3.133 | 2.917 | 0.629 | 0.653 | 5.078 | 11.713 | 3.081 | -0.748 | 0.033 | 0.941 | 1.320 | 12.530 | 3.133 | 3.126 | 107.352 | 107.117 | 93.788 | 10885 | 4451 |
| 800SG250-33 | 0.544 | 5.002 | 1.250 | 3.033 | 0.382 | 0.838 | 0.217 | 6.837 | 3.368 | -1.202 | 0.321 | 0.873 | 0.360 | 4.848 | 0.980 | 0.967 | 29.352 | 28.942 | 22.427 | 595 | 595 |
| 800SG250-43 | 0.707 | 6.478 | 1.620 | 3.027 | 0.493 | 0.835 | 0.479 | 8.833 | 3.360 | -1.196 | 0.317 | 0.873 | 0.522 | 6.468 | 1.363 | 1.349 | 40.806 | 40.395 | 32.761 | 1324 | 1269 |
| 800SG250-54 | 0.885 | 8.074 | 2.019 | 3.020 | 0.612 | 0.832 | 0.945 | 10.975 | 3.350 | -1.189 | 0.312 | 0.874 | 0.701 | 8.074 | 1.782 | 1.769 | 53.363 | 52.965 | 45.165 | 2632 | 1994 |
| 800SG250-68 | 1.111 | 10.081 | 2.520 | 3.012 | 0.761 | 0.827 | 1.883 | 13.649 | 3.339 | -1.179 | 0.305 | 0.875 | 0.923 | 10.081 | 2.304 | 2.291 | 68.996 | 68.586 | 62.282 | 5301 | 3157 |
| 800SG250-97 | 1.575 | 14.116 | 3.529 | 2.994 | 1.055 | 0.818 | 5.428 | 18.950 | 3.314 | -1.160 | 0.292 | 0.877 | 1.422 | 14.116 | 3.466 | 3.456 | 115.861 | 115.535 | 100.510 | 10885 | 4451 |
| 800SG300-43 | 0.752 | 7.192 | 1.798 | 3.092 | 0.767 | 1.010 | 0.510 | 13.119 | 3.633 | -1.617 | 0.573 | 0.802 | 0.518 | 7.010 | 1.387 | 1.368 | 41.519 | 40.945 | 33.663 | 1324 | 1269 |
| 800SG300-54 | 0.942 | 8.967 | 2.242 | 3.086 | 0.954 | 1.006 | 1.006 | 16.324 | 3.623 | -1.610 | 0.568 | 0.802 | 0.705 | 8.758 | 1.839 | 1.820 | 55.068 | 54.497 | 46.575 | 2632 | 1994 |
| 800SG300-68 | 1.183 | 11.202 | 2.800 | 3.078 | 1.187 | 1.002 | 2.004 | 20.337 | 3.611 | -1.601 | 0.562 | 0.803 | 0.934 | 11.142 | 2.394 | 2.373 | 71.673 | 71.061 | 64.531 | 5301 | 3157 |
| 800SG300-97 | 1.676 | 15.702 | 3.926 | 3.061 | 1.651 | 0.993 | 5.779 | 28.342 | 3.586 | -1.582 | 0.549 | 0.805 | 1.441 | 15.702 | 3.719 | 3.703 | 111.337 | 110.877 | 105.253 | 10885 | 4451 |
| 800SG300-118 | 2.034 | 18.902 | 4.725 | 3.048 | 1.976 | 0.986 | 10.426 | 33.962 | 3.567 | -1.568 | 0.540 | 0.807 | 1.796 | 18.902 | 4.539 | 4.523 | 151.547 | 151. | | | |