

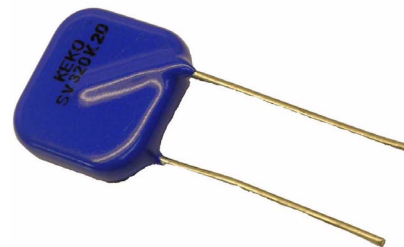
SV Series — Special Medium Voltage Leaded Varistors

Description

The SV Series of transient voltage suppressors are epoxy-coated square or rectangular shaped leaded varistors with AC operating voltage ranging 60V to 550V. There are two versions of these varistors.

The standard version of square varistors, featuring extremely high-current and high-energy capabilities and low clamping voltages, provides an increased level of protection necessary for the transients expected in telecommunications and AC power networks. Compared to standard disc varistors, SV series varistors realize electrical equivalent values in smaller nominal dimensions.

In the custom version of the SV series, a customer can design (on their own or with our help) an optimum varistor with minimum dimensions to satisfy a specific application. A customer can choose from the following parameters: non-standard DC/AC operating voltage, leakage current, clamping voltage, maximum surge current, energy absorption level, maximum dissipation power, as well as shape (dimensions being the function of required electrical parameters and vice-versa).



Features

Standard Varistor Types

- AC operating voltage (V_{rms}) from 60V to 680V
- DC operating voltage (V_{dc}) from 85V to 895V
- 6 model sizes equivalent to standard disc varistors from 5mm to 23mm
- Smaller nominal dimensions
- Broad range of current and energy handling capabilities
- +85°C continuous operating temperature
- Low clamping voltage
- Available with straight and crimped leads
- UL, CAC, CEDD approved
- Available in tape and reel for automatic pick and place

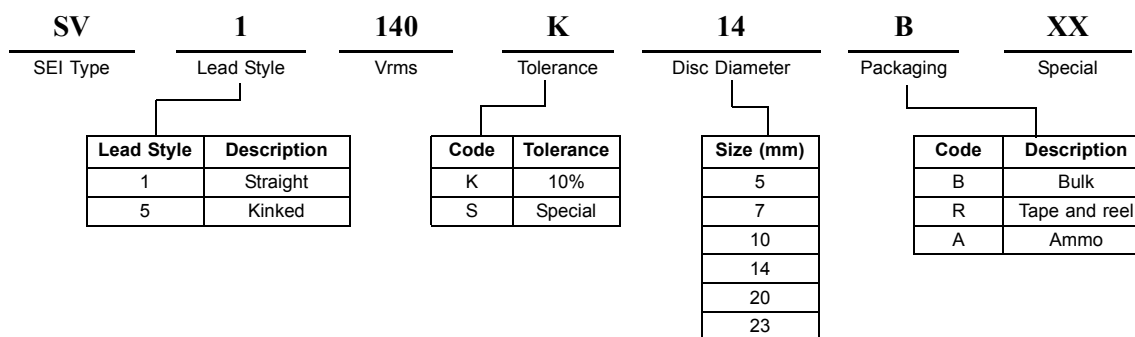
Full Custom Parameter Design Varistors

- AC operating voltage range (V_{rms}) from 60V to 680V
- DC operating voltage (V_{dc}) from 85V to 895V
- Indefinite number of both square and rectangular shape, the maximum one being 23x23mm
- Broad range of current and energy handling capabilities
- +85°C continuous operating temperature
- Electrical parameters available for custom designs are: AC/DC operating voltage, leakage current, clamping voltage, maximum surge current, energy absorption level, maximum dissipation power and threshold voltage temperature coefficient

General Technical Data

| | | |
|---|-----------------|--------------------------------|
| Climatic Category | 40 / 85 / 56 | In accordance with IEC 60068-1 |
| Operating Temperature | -40°C to +85°C | In accordance with CECC 42 000 |
| Storage Temperature Range | -40°C to +125°C | |
| Threshold Voltage Temperature Coefficient | <-0.05%/°C | |
| Isolation Voltage Capability | >2.5kV | In accordance with CECC 42 000 |
| Response Time | < 25 nS | |
| Insulation Resistance | >1 Gohm | In accordance with CECC 42 000 |

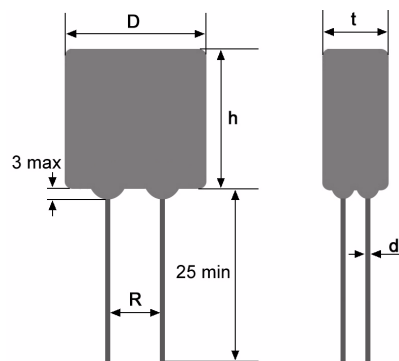
How to Order



SV Series — Special Medium Voltage Leaded Varistors

Standard Packaging Options / Quantities

| Series | Voltage Range (Vrms) | 5mm | | 7mm | | 10mm | | 14mm | | 20mm | | 23mm |
|--------|----------------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| | | Reel | Bulk | Reel | Bulk | Reel | Bulk | Reel | Bulk | Reel | Bulk | Bulk |
| SV | 60 | 1,500 | 1,300 | 1,500 | 1,000 | 1,300 | 500 | 600 | 400 | 600 | 250 | N/A |
| | 75 | 1,300 | 1,300 | 1,300 | 1,000 | 1,300 | 500 | 600 | 400 | 600 | 250 | N/A |
| | 95 | 1,300 | 1,300 | 1,300 | 900 | 1,200 | 500 | 600 | 400 | 500 | 250 | N/A |
| | 115 – 140 | 1,300 | 1,300 | 1,300 | 900 | 1,200 | 400 | 500 | 400 | 500 | 250 | 150 |
| | 150 – 175 | 1,200 | 1,300 | 1,200 | 900 | 1,000 | 400 | 500 | 400 | 500 | 250 | 150 |
| | 230 | 1,000 | 900 | 1,200 | 900 | 1,000 | 400 | 500 | 250 | 500 | 250 | 150 |
| | 250 – 275 | 1,000 | 900 | 1,000 | 900 | 900 | 400 | 400 | 250 | 400 | 250 | 150 |
| | 300 | N/A | N/A | 900 | 900 | 800 | 400 | 400 | 250 | 400 | 150 | 150 |
| | 320 | N/A | N/A | N/A | N/A | 800 | 400 | 400 | 250 | 300 | 150 | 100 |
| | 385 – 420 | N/A | N/A | N/A | N/A | 700 | 300 | 300 | 250 | 300 | 150 | 100 |
| | 460 – 680 | N/A | N/A | N/A | N/A | 600 | 300 | 300 | 250 | 300 | 150 | 100 |



Device Ratings and Dimensions

| Part Number | V _{RMS} (volts) | V _{DC} (volts) | V _N (volts) | V _C (volts) | I _C (amps) | W _{MAX} (joules) | P _{MAX} (watts) | I _P (amps) | C _{TYP} (pF) | D _{MAX} (mm) | t _{MAX} (mm) | R (mm) | d (mm) | h _{MAX} (mm) |
|-------------|--------------------------|-------------------------|------------------------|------------------------|-----------------------|---------------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|--------|-----------------------|
| SV 60 K 05 | 60 | 85 | 100 | 155 | 5 | 4.0 | 0.10 | 600 | 370 | 7.0 | 3.5 | 5.0 | 0.6 | 9.5 |
| SV 75 K 05 | 75 | 100 | 120 | 190 | 5 | 5.0 | 0.10 | 600 | 300 | 7.0 | 3.6 | 5.0 | 0.6 | 9.5 |
| SV 95 K 05 | 95 | 125 | 150 | 240 | 5 | 7.0 | 0.10 | 600 | 240 | 7.0 | 3.8 | 5.0 | 0.6 | 9.5 |
| SV 115 K 05 | 115 | 150 | 180 | 290 | 5 | 8.0 | 0.10 | 600 | 200 | 7.0 | 4.0 | 5.0 | 0.6 | 9.5 |
| SV 130 K 05 | 130 | 170 | 205 | 320 | 5 | 9.0 | 0.10 | 600 | 180 | 7.0 | 4.0 | 5.0 | 0.6 | 9.5 |
| SV 140 K 05 | 140 | 180 | 220 | 340 | 5 | 9.0 | 0.10 | 600 | 170 | 7.0 | 4.1 | 5.0 | 0.6 | 9.5 |
| SV 150 K 05 | 150 | 200 | 240 | 360 | 5 | 11.0 | 0.10 | 600 | 160 | 7.0 | 4.3 | 5.0 | 0.6 | 9.5 |
| SV 175 K 05 | 175 | 225 | 270 | 420 | 5 | 11.0 | 0.10 | 600 | 140 | 7.0 | 4.8 | 5.0 | 0.6 | 9.5 |
| SV 230 K 05 | 230 | 300 | 360 | 550 | 5 | 16.0 | 0.10 | 600 | 110 | 7.0 | 4.8 | 5.0 | 0.6 | 9.5 |
| SV 250 K 05 | 250 | 320 | 390 | 590 | 5 | 17.0 | 0.10 | 600 | 100 | 7.0 | 5.0 | 5.0 | 0.6 | 9.5 |
| SV 275 K 05 | 275 | 350 | 430 | 680 | 5 | 20.0 | 0.10 | 600 | 90 | 7.0 | 5.6 | 5.0 | 0.6 | 9.5 |
| SV 60 K 07 | 60 | 85 | 100 | 155 | 10 | 9.0 | 0.25 | 1,750 | 900 | 9.0 | 3.5 | 5.0 | 0.6 | 11.5 |
| SV 75 K 07 | 75 | 100 | 120 | 190 | 10 | 11.0 | 0.25 | 1,750 | 720 | 9.0 | 3.6 | 5.0 | 0.6 | 11.5 |
| SV 95 K 07 | 95 | 125 | 150 | 240 | 10 | 14.0 | 0.25 | 1,750 | 580 | 9.0 | 3.8 | 5.0 | 0.6 | 11.5 |
| SV 115 K 07 | 115 | 150 | 180 | 290 | 10 | 16.0 | 0.25 | 1,750 | 480 | 9.0 | 4.0 | 5.0 | 0.6 | 11.5 |
| SV 130 K 07 | 130 | 170 | 205 | 320 | 10 | 19.0 | 0.25 | 1,750 | 430 | 9.0 | 4.0 | 5.0 | 0.6 | 11.5 |
| SV 140 K 07 | 140 | 180 | 220 | 340 | 10 | 22.0 | 0.25 | 1,750 | 400 | 9.0 | 4.1 | 5.0 | 0.6 | 11.5 |
| SV 150 K 07 | 150 | 200 | 240 | 360 | 10 | 23.0 | 0.25 | 1,750 | 380 | 9.0 | 4.3 | 5.0 | 0.6 | 11.5 |
| SV 175 K 07 | 175 | 225 | 270 | 420 | 10 | 26.0 | 0.25 | 1,750 | 330 | 9.0 | 4.8 | 5.0 | 0.6 | 11.5 |
| SV 230 K 07 | 230 | 300 | 360 | 550 | 10 | 35.0 | 0.25 | 1,750 | 250 | 9.0 | 4.8 | 5.0 | 0.6 | 11.5 |
| SV 250 K 07 | 250 | 320 | 390 | 590 | 10 | 38.0 | 0.25 | 1,750 | 240 | 9.0 | 5.0 | 5.0 | 0.6 | 11.5 |
| SV 275 K 07 | 275 | 350 | 430 | 680 | 10 | 44.0 | 0.25 | 1,750 | 220 | 9.0 | 5.6 | 5.0 | 0.6 | 11.5 |
| SV 300 K 07 | 300 | 385 | 470 | 700 | 10 | 46.0 | 0.25 | 1,750 | 200 | 9.0 | 5.8 | 5.0 | 0.6 | 11.5 |

SV Series — Special Medium Voltage Leaded Varistors

Device Ratings and Dimensions

| Part Number | V _{RMS} (volts) | V _{DC} (volts) | V _N (volts) | V _C (volts) | I _C (amps) | W _{MAX} (joules) | P _{MAX} (watts) | I _P (amps) | C _{TYP} (pF) | D _{MAX} (mm) | t _{MAX} (mm) | R (mm) | d (mm) | h _{MAX} (mm) |
|-------------|-----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|------------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|-----------|--------------------------|
| SV 60 K 10 | 60 | 85 | 100 | 155 | 25 | 20 | 0.40 | 3,500 | 1,380 | 12.0 | 4.1 | 7.5 | 0.8 | 15.0 |
| SV 75 K 10 | 75 | 100 | 120 | 190 | 25 | 26 | 0.40 | 3,500 | 1,080 | 12.0 | 4.2 | 7.5 | 0.8 | 15.0 |
| SV 95 K 10 | 95 | 125 | 150 | 240 | 25 | 31 | 0.40 | 3,500 | 870 | 12.0 | 4.3 | 7.5 | 0.8 | 15.0 |
| SV 115 K 10 | 115 | 150 | 180 | 290 | 25 | 37 | 0.40 | 3,500 | 750 | 12.0 | 4.3 | 7.5 | 0.8 | 15.0 |
| SV 130 K 10 | 130 | 170 | 205 | 320 | 25 | 42 | 0.40 | 3,500 | 670 | 12.0 | 4.5 | 7.5 | 0.8 | 15.0 |
| SV 140 K 10 | 140 | 180 | 220 | 340 | 25 | 46 | 0.40 | 3,500 | 620 | 12.0 | 4.6 | 7.5 | 0.8 | 15.0 |
| SV 150 K 10 | 150 | 200 | 240 | 360 | 25 | 51 | 0.40 | 3,500 | 590 | 12.0 | 4.8 | 7.5 | 0.8 | 15.0 |
| SV 175 K 10 | 175 | 225 | 270 | 420 | 25 | 28 | 0.40 | 3,500 | 500 | 12.0 | 5.0 | 7.5 | 0.8 | 15.0 |
| SV 230 K 10 | 230 | 300 | 360 | 550 | 25 | 78 | 0.40 | 3,500 | 400 | 12.0 | 5.4 | 7.5 | 0.8 | 15.0 |
| SV 250 K 10 | 250 | 320 | 390 | 590 | 25 | 85 | 0.40 | 3,500 | 370 | 12.0 | 5.6 | 7.5 | 0.8 | 15.0 |
| SV 275 K 10 | 275 | 350 | 430 | 680 | 25 | 97 | 0.40 | 3,500 | 350 | 12.0 | 6.0 | 7.5 | 0.8 | 15.0 |
| SV 300 K 10 | 300 | 385 | 470 | 700 | 25 | 102 | 0.40 | 3,500 | 320 | 12.0 | 6.1 | 7.5 | 0.8 | 15.0 |
| SV 320 K 10 | 320 | 420 | 510 | 760 | 25 | 144 | 0.40 | 3,500 | 300 | 12.0 | 6.5 | 7.5 | 0.8 | 15.0 |
| SV 385 K 10 | 385 | 505 | 620 | 900 | 25 | 116 | 0.40 | 3,500 | 270 | 12.0 | 6.9 | 7.5 | 0.8 | 15.0 |
| SV 420 K 10 | 420 | 560 | 680 | 980 | 25 | 121 | 0.40 | 3,500 | 240 | 12.0 | 7.3 | 7.5 | 0.8 | 15.0 |
| SV 460 K 10 | 460 | 615 | 750 | 1,080 | 25 | 132 | 0.40 | 3,500 | 230 | 12.0 | 7.8 | 7.5 | 0.8 | 15.0 |
| SV 510 K 10 | 510 | 670 | 820 | 1,200 | 25 | 144 | 0.40 | 3,500 | 210 | 12.0 | 8.2 | 7.5 | 0.8 | 15.0 |
| SV 550 K 10 | 550 | 745 | 910 | 1,350 | 25 | 168 | 0.40 | 3,500 | 200 | 12.0 | 8.8 | 7.5 | 0.8 | 15.0 |
| SV 575 K 10 | 575 | 750 | 950 | 1,400 | 25 | 172 | 0.40 | 3,500 | 190 | 12.0 | 8.9 | 7.5 | 0.8 | 15.0 |
| SV 625 K 10 | 625 | 825 | 1,000 | 1,450 | 25 | 185 | 0.40 | 3,500 | 180 | 12.0 | 9.1 | 7.5 | 0.8 | 15.0 |
| SV 680 K 10 | 680 | 895 | 1,100 | 1,700 | 25 | 197 | 0.40 | 3,500 | 170 | 12.0 | 9.7 | 7.5 | 0.8 | 15.0 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-------|-------|----|-----|------|-------|-------|------|------|-----|-----|------|
| SV 60 K 14 | 60 | 85 | 100 | 155 | 50 | 42 | 0.60 | 8,000 | 2,300 | 16.0 | 4.2 | 7.5 | 0.8 | 19.0 |
| SV 75 K 14 | 75 | 100 | 120 | 190 | 50 | 51 | 0.60 | 8,000 | 1,850 | 16.0 | 4.2 | 7.5 | 0.8 | 19.0 |
| SV 95 K 14 | 95 | 125 | 150 | 240 | 50 | 64 | 0.60 | 8,000 | 1,480 | 16.0 | 4.3 | 7.5 | 0.8 | 19.0 |
| SV 115 K 14 | 115 | 150 | 180 | 290 | 50 | 78 | 0.60 | 8,000 | 1,230 | 16.0 | 4.4 | 7.5 | 0.8 | 19.0 |
| SV 130 K 14 | 130 | 170 | 205 | 320 | 50 | 85 | 0.60 | 8,000 | 1,100 | 16.0 | 4.6 | 7.5 | 0.8 | 19.0 |
| SV 140 K 14 | 140 | 180 | 220 | 340 | 50 | 94 | 0.60 | 8,000 | 1,020 | 16.0 | 4.7 | 7.5 | 0.8 | 19.0 |
| SV 150 K 14 | 150 | 200 | 240 | 360 | 50 | 101 | 0.60 | 8,000 | 690 | 16.0 | 4.8 | 7.5 | 0.8 | 19.0 |
| SV 175 K 14 | 175 | 225 | 270 | 420 | 50 | 119 | 0.60 | 8,000 | 830 | 16.0 | 5.0 | 7.5 | 0.8 | 19.0 |
| SV 230 K 14 | 230 | 300 | 360 | 550 | 50 | 157 | 0.60 | 8,000 | 650 | 16.0 | 5.5 | 7.5 | 0.8 | 19.0 |
| SV 250 K 14 | 250 | 320 | 390 | 590 | 50 | 169 | 0.60 | 8,000 | 600 | 16.0 | 5.7 | 7.5 | 0.8 | 19.0 |
| SV 275 K 14 | 275 | 350 | 430 | 680 | 50 | 187 | 0.60 | 8,000 | 550 | 16.0 | 6.0 | 7.5 | 0.8 | 19.0 |
| SV 300 K 14 | 300 | 385 | 470 | 700 | 50 | 211 | 0.60 | 8,000 | 510 | 16.0 | 6.1 | 7.5 | 0.8 | 19.0 |
| SV 320 K 14 | 320 | 420 | 510 | 760 | 50 | 230 | 0.60 | 8,000 | 480 | 16.0 | 6.8 | 7.5 | 0.8 | 19.0 |
| SV 385 K 14 | 385 | 505 | 620 | 900 | 50 | 241 | 0.60 | 8,000 | 410 | 16.0 | 6.9 | 7.5 | 0.8 | 19.0 |
| SV 420 K 14 | 420 | 560 | 680 | 980 | 50 | 253 | 0.60 | 8,000 | 380 | 16.0 | 7.4 | 7.5 | 0.8 | 19.0 |
| SV 460 K 14 | 460 | 615 | 750 | 1,080 | 50 | 275 | 0.60 | 8,000 | 350 | 16.0 | 7.8 | 7.5 | 0.8 | 19.0 |
| SV 510 K 14 | 510 | 670 | 820 | 1,200 | 50 | 284 | 0.60 | 8,000 | 330 | 16.0 | 8.2 | 7.5 | 0.8 | 19.0 |
| SV 550 K 14 | 550 | 745 | 910 | 1,350 | 50 | 330 | 0.60 | 8,000 | 310 | 16.0 | 8.8 | 7.5 | 0.8 | 19.0 |
| SV 575 K 14 | 575 | 750 | 950 | 1,400 | 50 | 340 | 0.60 | 8,000 | 300 | 16.0 | 8.9 | 7.5 | 0.8 | 19.0 |
| SV 625 K 14 | 625 | 825 | 1,000 | 1,450 | 50 | 360 | 0.60 | 8,000 | 280 | 16.0 | 9.5 | 7.5 | 0.8 | 19.0 |
| SV 680 K 14 | 680 | 895 | 1,100 | 1,700 | 50 | 390 | 0.60 | 8,000 | 270 | 16.0 | 10.1 | 7.5 | 0.8 | 19.0 |

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Device Ratings and Dimensions

| Part Number | V _{RMS} (volts) | V _{DC} (volts) | V _N (volts) | V _C (volts) | I _C (amps) | W _{MAX} (joules) | P _{MAX} (watts) | I _P (amps) | C _{TYP} (pF) | D _{MAX} (mm) | t _{MAX} (mm) | R (mm) | d (mm) | h _{MAX} (mm) |
|-------------|-----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|------------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|-----------|--------------------------|
| SV 60 K 20 | 60 | 85 | 100 | 155 | 100 | 89 | 1.00 | 12,000 | 3,400 | 22.5 | 4.5 | 10.0 | 1.0 | 26.0 |
| SV 75 K 20 | 75 | 100 | 120 | 190 | 100 | 101 | 1.00 | 12,000 | 3,100 | 22.5 | 4.6 | 10.0 | 1.0 | 26.0 |
| SV 95 K 20 | 95 | 125 | 150 | 240 | 100 | 133 | 1.00 | 12,000 | 2,700 | 22.5 | 4.6 | 10.0 | 1.0 | 26.0 |
| SV 115 K 20 | 115 | 150 | 180 | 290 | 100 | 147 | 1.00 | 12,000 | 2,200 | 22.5 | 4.8 | 10.0 | 1.0 | 26.0 |
| SV 130 K 20 | 130 | 170 | 205 | 320 | 100 | 222 | 1.00 | 12,000 | 3,390 | 22.5 | 5.0 | 10.0 | 1.0 | 26.0 |
| SV 140 K 20 | 140 | 180 | 220 | 340 | 100 | 196 | 1.00 | 12,000 | 1,900 | 22.5 | 5.4 | 10.0 | 1.0 | 26.0 |
| SV 150 K 20 | 150 | 200 | 240 | 360 | 100 | 213 | 1.00 | 12,000 | 1,740 | 22.5 | 5.6 | 10.0 | 1.0 | 26.0 |
| SV 175 K 20 | 175 | 225 | 270 | 420 | 100 | 241 | 1.00 | 12,000 | 1,630 | 22.5 | 5.8 | 10.0 | 1.0 | 26.0 |
| SV 230 K 20 | 230 | 300 | 360 | 550 | 100 | 322 | 1.00 | 12,000 | 1,220 | 22.5 | 5.9 | 10.0 | 1.0 | 26.0 |
| SV 250 K 20 | 250 | 320 | 390 | 590 | 100 | 345 | 1.00 | 12,000 | 1,130 | 22.5 | 6.1 | 10.0 | 1.0 | 26.0 |
| SV 275 K 20 | 275 | 350 | 430 | 680 | 100 | 380 | 1.00 | 12,000 | 1,030 | 22.5 | 6.3 | 10.0 | 1.0 | 26.0 |
| SV 300 K 20 | 300 | 385 | 470 | 700 | 100 | 437 | 1.00 | 12,000 | 940 | 22.5 | 6.6 | 10.0 | 1.0 | 26.0 |
| SV 320 K 20 | 320 | 420 | 510 | 760 | 100 | 485 | 1.00 | 12,000 | 860 | 22.5 | 6.8 | 10.0 | 1.0 | 27.0 |
| SV 385 K 20 | 385 | 505 | 620 | 900 | 100 | 495 | 1.00 | 12,000 | 710 | 22.5 | 7.5 | 10.0 | 1.0 | 27.0 |
| SV 420 K 20 | 420 | 560 | 680 | 980 | 100 | 523 | 1.00 | 12,000 | 680 | 22.5 | 7.8 | 10.0 | 1.0 | 27.0 |
| SV 460 K 20 | 460 | 615 | 750 | 1,080 | 100 | 572 | 1.00 | 12,000 | 620 | 22.5 | 8.2 | 10.0 | 1.0 | 27.0 |
| SV 510 K 20 | 510 | 670 | 820 | 1,200 | 100 | 598 | 1.00 | 12,000 | 570 | 22.5 | 8.7 | 10.0 | 1.0 | 27.0 |
| SV 550 K 20 | 550 | 745 | 910 | 1,350 | 100 | 644 | 1.00 | 12,000 | 510 | 22.5 | 9.2 | 10.0 | 1.0 | 27.0 |
| SV 575 K 20 | 575 | 750 | 950 | 1,400 | 100 | 670 | 1.00 | 12,000 | 490 | 22.5 | 9.4 | 10.0 | 1.0 | 27.0 |
| SV 625 K 20 | 625 | 825 | 1,000 | 1,450 | 100 | 720 | 1.00 | 12,000 | 460 | 22.5 | 9.7 | 10.0 | 1.0 | 27.0 |
| SV 680 K 20 | 680 | 895 | 1,100 | 1,700 | 100 | 780 | 1.00 | 12,000 | 430 | 22.5 | 10.3 | 10.0 | 1.0 | 27.0 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-------|-------|-----|-----|------|--------|-------|------|------|------|-----|------|
| SV 130 K 23 | 130 | 170 | 205 | 320 | 100 | 222 | 1.00 | 15,000 | 3,390 | 25.0 | 5.0 | 10.0 | 1.0 | 27.0 |
| SV 140 K 23 | 140 | 180 | 220 | 340 | 100 | 247 | 1.00 | 15,000 | 3,340 | 25.0 | 5.4 | 10.0 | 1.0 | 27.0 |
| SV 150 K 23 | 150 | 200 | 240 | 360 | 100 | 270 | 1.00 | 15,000 | 3,050 | 25.0 | 5.6 | 10.0 | 1.0 | 27.0 |
| SV 175 K 23 | 175 | 225 | 270 | 420 | 100 | 305 | 1.00 | 15,000 | 2,870 | 25.0 | 5.8 | 10.0 | 1.0 | 27.0 |
| SV 230 K 23 | 230 | 300 | 360 | 550 | 100 | 407 | 1.00 | 15,000 | 2,020 | 25.0 | 5.9 | 10.0 | 1.0 | 27.0 |
| SV 250 K 23 | 250 | 320 | 390 | 590 | 100 | 437 | 1.00 | 15,000 | 1,980 | 25.0 | 6.1 | 10.0 | 1.0 | 27.0 |
| SV 275 K 23 | 275 | 350 | 430 | 680 | 100 | 481 | 1.00 | 15,000 | 1,800 | 25.0 | 6.3 | 10.0 | 1.0 | 27.0 |
| SV 300 K 23 | 300 | 385 | 470 | 700 | 100 | 554 | 1.00 | 15,000 | 1,650 | 25.0 | 6.6 | 10.0 | 1.0 | 29.0 |
| SV 320 K 23 | 320 | 420 | 510 | 760 | 100 | 611 | 1.00 | 15,000 | 1,520 | 25.0 | 6.8 | 10.0 | 1.0 | 29.0 |
| SV 385 K 23 | 385 | 505 | 620 | 900 | 100 | 624 | 1.00 | 15,000 | 1,250 | 25.0 | 7.5 | 10.0 | 1.0 | 29.0 |
| SV 420 K 23 | 420 | 560 | 680 | 980 | 100 | 670 | 1.00 | 15,000 | 1,200 | 25.0 | 7.8 | 10.0 | 1.0 | 29.0 |
| SV 460 K 23 | 460 | 615 | 750 | 1,080 | 100 | 728 | 1.00 | 15,000 | 1,080 | 25.0 | 8.2 | 10.0 | 1.0 | 29.0 |
| SV 510 K 23 | 510 | 670 | 820 | 1,200 | 100 | 750 | 1.00 | 15,000 | 1,000 | 25.0 | 8.7 | 10.0 | 1.0 | 29.0 |
| SV 550 K 23 | 550 | 745 | 910 | 1,350 | 100 | 815 | 1.00 | 15,000 | 900 | 25.0 | 9.2 | 10.0 | 1.0 | 29.0 |
| SV 575 K 23 | 575 | 750 | 950 | 1,400 | 100 | 850 | 1.00 | 15,000 | 850 | 25.0 | 9.4 | 10.0 | 1.0 | 29.0 |
| SV 625 K 23 | 625 | 825 | 1,000 | 1,450 | 100 | 900 | 1.00 | 15,000 | 750 | 25.0 | 9.7 | 10.0 | 1.0 | 29.0 |
| SV 680 K 23 | 680 | 895 | 1,100 | 1,700 | 100 | 980 | 1.00 | 15,000 | 730 | 25.0 | 10.3 | 10.0 | 1.0 | 29.0 |