KERN LIEBERS

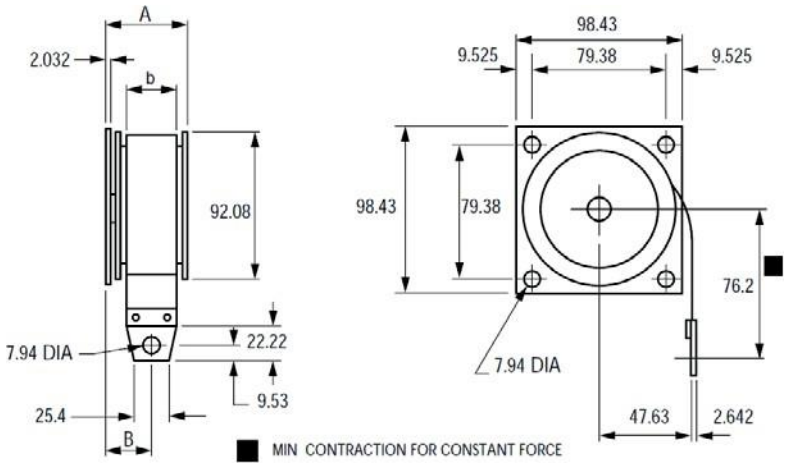
# STANDARD EXTENSION SPRING ASSEMBLIES

## EXTENSION SPRINGS

| ASSEMBLY No. | ASSEMBLY TYPE | INCORPO-RATES SPRING No. | A mm | B mm | b mm | LOAD +/- 10% NEWTONS | LOAD +/- 10% Kg | EXTENSION mm | AVG. FATIGUE LIFE CYCLES |
|---|---|---|---|---|---|---|---|---|---|
| SA242 | Single | SR68 | 36 | 21 | 25 | 10 | 1,0 | 920 | 40000 |
| SA243 | Single | SR69 | 36 | 21 | 25 | 14 | 1,4 | 1120 | 40000 |
| SA244 | Single | SR70 | 36 | 21 | 25 | 16 | 1,6 | 1320 | 40000 |
| SA245 | Single | SR71 | 36 | 21 | 25 | 18 | 1,9 | 1520 | 40000 |
| SA246 | Single | SR72 | 49 | 27 | 38 | 21 | 2,1 | 1120 | 40000 |
| SA247 | Single | SR44 | 36 | 21 | 25 | 24 | 2,5 | 1320 | 15000 |
| SA248 | Single | SR74 | 49 | 27 | 38 | 28 | 2,9 | 1520 | 40000 |
| SA249 | Single | SR45 | 36 | 21 | 25 | 30 | 3,1 | 1520 | 15000 |
| SA250 | Single | SR75 | 61 | 33 | 51 | 32 | 3,3 | 1320 | 40000 |
| SA251 | Single | SR48 | 49 | 27 | 38 | 45 | 4,6 | 1520 | 15000 |
| SA252 | Single | SR50 | 49 | 27 | 38 | 70 | 7,2 | 2230 | 15000 |
| SA253 | Single | SR51 | 61 | 33 | 51 | 80 | 8,2 | 1930 | 15000 |
| SA254 | Single | SR52 | 61 | 33 | 51 | 94 | 9,5 | 2240 | 15000 |
| SA255 | Single | SR24 | 49 | 27 | 38 | 103 | 10,5 | 2240 | 5000 |
| SA256 | Single | SR26 | 61 | 33 | 51 | 138 | 14,1 | 2240 | 5000 |
| SN2883 | Single | SN2882 | 61 | 33 | 51 | 94 | 9,6 | 1300 | 15000 |
| SA257 | Double | SR68 | 36 | 21 | 25 | 20 | 2,0 | 920 | 40000 |
| SA258 | Double | SR69 | 36 | 21 | 25 | 28 | 2,8 | 1120 | 40000 |
| SA259 | Double | SR70 | 36 | 21 | 25 | 32 | 3,3 | 1320 | 40000 |
| SA260 | Double | SR71 | 36 | 21 | 25 | 37 | 3,8 | 1520 | 40000 |
| SA261 | Double | SR72 | 49 | 27 | 38 | 41 | 4,2 | 1120 | 40000 |
| SA262 | Double | SR44 | 36 | 21 | 25 | 48 | 4,9 | 1320 | 15000 |
| SA263 | Double | SR74 | 49 | 27 | 38 | 56 | 5,7 | 1520 | 40000 |
| SA264 | Double | SR45 | 36 | 21 | 25 | 61 | 6,2 | 1520 | 15000 |

NOTE: ALL FIGURES STATED ARE FOR REFERENCE ONLY, FOR DETAILED SPECIFICATION CONTACT OUR SALES DEPARTMENT.

MATERIALS: STAINLESS STEEL SPRINGS, MILD STEEL PRESSED PARTS (ZINC PLATED & CLEAR PASSIVATED)



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| ASSEMBLY No. | ASSEMBLY TYPE | INCORPO-RATES SPRING No. | A mm | B mm | b mm | LOAD +/- 10% | | EXTENSION mm | AVG. FATIGUE LIFE CYCLES |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | NEWTONS | Kg | | |
| SA265 | Double | SR75 | 61 | 33 | 51 | 65 | 6,6 | 1320 | 40000 |
| SA266 | Double | SR48 | 49 | 27 | 38 | 91 | 9,3 | 1520 | 15000 |
| SA267 | Double | SR50 | 49 | 27 | 38 | 141 | 14,3 | 3340 | 15000 |
| SA268 | Double | SR51 | 61 | 33 | 51 | 160 | 16,3 | 1930 | 15000 |
| SA269 | Double | SR52 | 61 | 33 | 51 | 187 | 19,1 | 2240 | 15000 |
| SA270 | Double | SR24 | 49 | 27 | 38 | 206 | 21,1 | 2240 | 5000 |
| SA271 | Double | SR26 | 61 | 33 | 51 | 276 | 28,1 | 2240 | 5000 |
| SN2817 | Double | SN2882 | 61 | 33 | 51 | 188 | 19,2 | 1300 | 15000 |
| SN4635 (LH) | Tandem | SR26 | 61 | 33 | 51 | 276 | 28,1 | 2100 | 5000 |
| SN4635 (RH) | Tandem | SR26 | 61 | 33 | 51 | 276 | 28,1 | 2100 | 5000 |
| SA275 | Mini | SR6 | – | – | – | 4,4 | 0,45 | 360 | 5000 |
| SA276 | Mini | SR7 | – | – | – | 5,5 | 0,56 | 445 | 5000 |
| SA277 | Mini | SR32 | – | – | – | 2,8 | 0,29 | 330 | 15000 |
| SA278 | Mini | N2592 | – | – | – | 1,3 | 0,14 | 510 | 35000 |
| SN7595 | Mini | SN7595 | – | – | – | 3 | 0,31 | 510 | 16000 |

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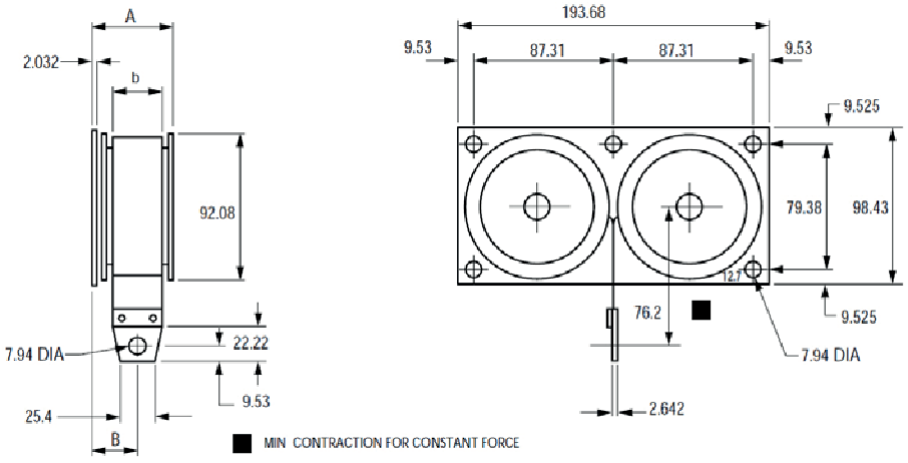


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