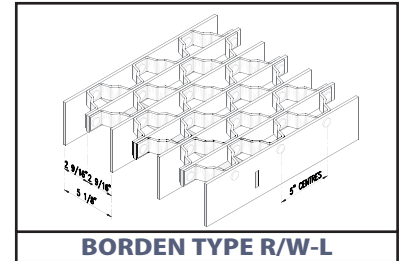
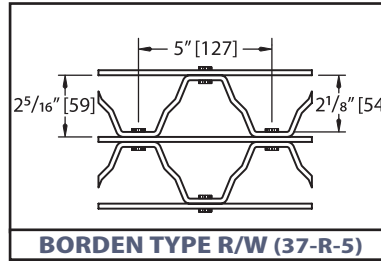


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LOAD TABLE

| Designation | Bearing Bar Size | Weight | Moment of Inertia | Section Modulus | CAN/CSA-S6-06 CL-625 | | | | | | | | AASHTO HS20-1996 | | | |
|-------------|------------------|-------------|-----------------------|-----------------------|----------------------------------|------------|-------|-------|--------------------------------------|------------|-------|-------|------------------|------------|-------|-------|
| | | | | | (in.) | | | | | | | | (in.) | | | |
| | | | | | (mm.) | | | | | | | | (mm.) | | | |
| | | | | | Bearing Bars Parallel to Traffic | | | | Bearing Bars Pependicular to Traffic | | | | (in.) | | | |
| | | lbs./sq.ft. | in. ⁴ /ft. | in. ³ /ft. | Strength | Deflection | | | Strength | Deflection | | | Strength | Deflection | | |
| | | kg/sq.m | mm ⁴ /m | mm ³ /m | | L/800 | L/700 | L/600 | | L/800 | L/700 | L/600 | | L/800 | L/700 | L/600 |
| R/W-6-3 | 1 1/4" x 3/16" | 9.38 | 0.146 | 0.230 | 7.6 | - | - | - | 6.4 | - | - | - | 12.7 | - | - | - |
| | 32 x 4.8 | 45.77 | 2.00E+05 | 1.24E+04 | 193 | - | - | - | 163 | - | - | - | 323 | - | - | - |
| R/W-6-4 | 1 1/4" x 1/4" | 10.39 | 0.190 | 0.305 | 8.3 | - | - | - | 7.3 | - | - | - | 13.6 | - | - | - |
| | 32 x 6.35 | 50.73 | 2.60E+05 | 1.64E+04 | 211 | - | - | - | 185 | - | - | - | 345 | - | - | - |
| R/W-8-3 | 1 1/2" x 3/16" | 10.14 | 0.253 | 0.337 | 8.5 | - | - | - | 7.5 | - | - | - | 13.7 | - | - | - |
| | 38 x 4.8 | 49.51 | 3.45E+05 | 1.81E+04 | 216 | - | - | - | 191 | - | - | - | 348 | - | - | - |
| R/W-8-4 | 1 1/2" x 1/4" | 11.39 | 0.329 | 0.439 | 9.5 | - | - | - | 8.5 | - | - | - | 14.8 | - | - | - |
| | 38 x 6.35 | 55.60 | 4.49E+05 | 2.36E+04 | 241 | - | - | - | 216 | - | - | - | 376 | - | - | - |
| R/W-9-3 | 1 3/4" x 3/16" | 10.91 | 0.402 | 0.459 | 9.4 | - | - | - | 8.5 | - | - | - | 14.7 | - | - | - |
| | 44 x 4.8 | 53.25 | 5.49E+05 | 2.47E+04 | 239 | - | - | - | 216 | - | - | - | 373 | - | - | - |
| R/W-9-4 | 1 3/4" x 1/4" | 12.38 | 0.523 | 0.597 | 10.8 | - | - | - | 9.6 | - | - | - | 16.2 | - | - | - |
| | 44 x 6.35 | 60.46 | 7.14E+05 | 3.21E+04 | 274 | - | - | - | 244 | - | - | - | 411 | - | - | - |
| R/W-10-3 | 2" x 3/16" | 11.67 | 0.600 | 0.600 | 10.6 | - | - | - | 9.5 | - | - | - | 15.9 | - | - | - |
| | 51 x 4.8 | 56.99 | 8.19E+05 | 3.23E+04 | 269 | - | - | - | 241 | - | - | - | 404 | - | - | - |
| R/W-10-4 | 2" x 1/4" | 13.38 | 0.780 | 0.780 | 12.4 | - | - | - | 11.0 | - | - | - | 17.8 | - | - | - |
| | 51 x 6.35 | 65.32 | 1.07E+06 | 4.19E+04 | 315 | - | - | - | 274 | - | - | - | 452 | - | - | - |
| R/W-11-3 | 2 1/4" x 3/16" | 12.44 | 0.854 | 0.759 | 12.0 | - | - | - | 10.5 | - | - | - | 17.3 | - | - | - |
| | 57 x 4.8 | 60.73 | 1.17E+06 | 4.08E+04 | 305 | - | - | - | 267 | - | - | - | 439 | - | - | - |
| R/W-11-4 | 2 1/4" x 1/4" | 14.38 | 1.111 | 0.987 | 14.1 | - | - | - | 12.0 | - | - | - | 19.6 | - | - | - |
| | 57 x 6.35 | 70.19 | 1.52E+06 | 5.31E+04 | 358 | - | - | - | 305 | - | - | - | 498 | - | - | - |
| R/W-12-3 | 2 1/2" x 3/16" | 14.32 | 1.172 | 0.936 | 13.5 | - | - | - | 11.6 | - | - | - | 18.9 | - | - | - |
| | 64 x 4.8 | 69.90 | 1.60E+06 | 5.03E+04 | 343 | - | - | - | 295 | - | - | - | 480 | - | - | - |
| R/W-12-4 | 2 1/2" x 1/4" | 16.46 | 0.326 | 1.219 | 16.1 | - | - | - | 13.3 | - | - | - | 21.7 | - | - | - |
| | 64 x 6.35 | 80.35 | 4.44E+05 | 6.55E+04 | 409 | - | - | - | 338 | - | - | - | 551 | - | - | - |
| R/W-14-3 | 3" x 3/16" | 15.85 | 2.025 | 1.350 | 17.2 | - | - | - | 13.9 | - | - | - | 22.7 | - | - | - |
| | 76 x 4.8 | 77.38 | 2.77E+06 | 7.26E+04 | 437 | - | - | - | 353 | - | - | - | 577 | - | - | - |
| R/W-14-4 | 3" x 1/4" | 18.45 | 2.633 | 1.755 | 23.2 | - | - | - | 17.0 | - | - | - | 29.1 | 27.5 | 28.9 | - |
| | 76 x 6.35 | 90.08 | 3.59E+06 | 9.44E+04 | 589 | - | - | - | 432 | - | - | - | 739 | 699 | 734 | - |
| R/W-16-4 | 3 1/2" x 1/4" | 20.44 | 4.179 | 2.389 | 29.9 | - | - | - | 19.8 | - | - | - | 36.1 | 32.9 | 34.8 | - |
| | 89 x 6.35 | 99.80 | 5.71E+06 | 1.28E+05 | 759 | - | - | - | 503 | - | - | - | 917 | 836 | 884 | - |
| R/W-18-4 | 4" x 1/4" | 22.43 | 6.240 | 3.120 | 37.9 | - | - | - | 25.5 | - | - | - | 44.4 | 39.0 | 41.3 | 44.3 |
| | 102 x 6.35 | 109.53 | 8.52E+06 | 1.68E+05 | 963 | - | - | - | 648 | - | - | - | 1128 | 991 | 1049 | 1125 |
| R/W-20-4 | 4 1/2" x 1/4" | 24.42 | 8.885 | 3.949 | 47.0 | 45.4 | - | - | 29.4 | - | - | - | 54.0 | 45.6 | 48.5 | 52.1 |
| | 114 x 6.35 | 119.25 | 1.21E+07 | 2.12E+05 | 1194 | 1153 | - | - | 747 | - | - | - | 1372 | 1158 | 1232 | 1323 |
| R/W-22-4 | 5" x 1/4" | 26.42 | 12.188 | 4.875 | 57.5 | 53.1 | 56.7 | - | 33.7 | - | - | - | 65.0 | 52.8 | 56.2 | 60.4 |
| | 127 x 6.35 | 128.98 | 1.66E+07 | 2.62E+05 | 1461 | 1349 | 1440 | - | 856 | - | - | - | 1651 | 1341 | 1427 | 1534 |
| R/W-24-4 | 5 1/2" x 1/4" | 28.41 | 16.221 | 5.899 | 69.3 | 61.2 | 65.4 | - | 38.6 | - | - | - | 77.2 | 60.5 | 64.4 | 69.4 |
| | 140 x 6.35 | 138.70 | 2.22E+07 | 3.17E+05 | 1760 | 1554 | 1661 | - | 980 | - | - | - | 1961 | 1537 | 1636 | 1763 |
| R/W-26-4 | 6" x 1/4" | 30.40 | 21.060 | 7.020 | 82.3 | 69.8 | 74.6 | 80.5 | 44.0 | - | - | - | 90.8 | 68.6 | 73.1 | 78.8 |
| | 152 x 6.35 | 148.43 | 2.88E+07 | 3.77E+05 | 2090 | 1773 | 1895 | 2045 | 1118 | - | - | - | 2306 | 1742 | 1857 | 2002 |
| R/WL-16 | 3 1/2" x 1/4" | 16.83 | 1.933 | 0.943 | 17.4 | - | - | - | 14.0 | - | - | - | 25.7 | - | - | - |
| | 89 x 6.35 | 82.16 | 2.64E+06 | 5.07E+04 | 442 | - | - | - | 356 | - | - | - | 653 | - | - | - |
| R/WL-18 | 4" x 1/4" | 17.82 | 2.890 | 1.243 | 21.4 | - | - | - | 16.1 | - | - | - | 30.7 | - | - | - |
| | 102 x 6.35 | 87.02 | 3.95E+06 | 6.68E+04 | 544 | - | - | - | 409 | - | - | - | 780 | - | - | - |
| R/WL-20 | 4 1/2" x 1/4" | 18.82 | 4.125 | 1.589 | 26.0 | - | - | - | 18.2 | - | - | - | 36.5 | - | - | - |
| | 114 x 6.35 | 91.88 | 5.63E+06 | 8.54E+04 | 660 | - | - | - | 462 | - | - | - | 927 | - | - | - |
| R/WL-22 | 5" x 1/4" | 19.81 | 5.675 | 1.982 | 31.2 | - | - | - | 20.4 | - | - | - | 43.1 | 41.9 | - | - |
| | 127 x 6.35 | 96.74 | 7.75E+06 | 1.07E+05 | 792 | - | - | - | 518 | - | - | - | 1095 | 1064 | - | - |
| R/WL-24 | 5 1/2" x 1/4" | 20.81 | 7.577 | 2.424 | 37.1 | - | - | - | 25.2 | - | - | - | 50.4 | 47.8 | - | - |
| | 140 x 6.35 | 101.61 | 1.03E+07 | 1.30E+05 | 942 | - | - | - | 640 | - | - | - | 1280 | 1214 | - | - |
| R/WL-26 | 6" x 1/4" | 21.81 | 9.868 | 2.916 | 43.6 | - | - | - | 27.9 | - | - | - | 58.6 | 53.9 | 57.4 | - |
| | 152 x 6.35 | 106.47 | 1.35E+07 | 1.57E+05 | 1107 | - | - | - | 709 | - | - | - | 1488 | 1369 | 1458 | - |