



**World Formula**

4.50 to 6.07

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 31/23    | 4.50  |         |           |             |
| 35/26    | 4.51  | 0.12%   | 9         | 0.04        |
| 39/29    | 4.51  | 0.10%   | 7         | 0.04        |
| 32/24    | 4.55  | 0.86%   | 60        | 0.31        |
| 36/27    | 4.55  | 0.00%   | 0         | 0.00        |
| 40/30    | 4.55  | 0.00%   | 0         | 0.00        |
| 41/31    | 4.59  | 0.81%   | 57        | 0.29        |
| 37/28    | 4.59  | 0.09%   | 6         | 0.03        |
| 33/25    | 4.60  | 0.11%   | 8         | 0.04        |
| 38/29    | 4.63  | 0.74%   | 52        | 0.26        |
| 34/26    | 4.64  | 0.20%   | 14        | 0.07        |
| 30/23    | 4.65  | 0.26%   | 18        | 0.09        |
| 39/30    | 4.67  | 0.33%   | 23        | 0.12        |
| 35/27    | 4.68  | 0.29%   | 20        | 0.10        |
| 31/24    | 4.70  | 0.36%   | 25        | 0.13        |
| 40/31    | 4.70  | 0.10%   | 7         | 0.04        |
| 36/28    | 4.72  | 0.36%   | 25        | 0.13        |
| 41/32    | 4.74  | 0.35%   | 24        | 0.12        |
| 32/25    | 4.74  | 0.10%   | 7         | 0.03        |
| 37/29    | 4.76  | 0.32%   | 23        | 0.12        |
| 33/26    | 4.78  | 0.52%   | 37        | 0.19        |
| 38/30    | 4.79  | 0.20%   | 14        | 0.07        |
| 29/23    | 4.81  | 0.46%   | 32        | 0.16        |
| 34/27    | 4.82  | 0.13%   | 9         | 0.05        |
| 39/31    | 4.82  | 0.09%   | 7         | 0.03        |
| 30/24    | 4.86  | 0.65%   | 45        | 0.23        |
| 35/28    | 4.86  | 0.00%   | 0         | 0.00        |
| 40/32    | 4.86  | 0.00%   | 0         | 0.00        |
| 41/33    | 4.89  | 0.61%   | 43        | 0.22        |
| 36/29    | 4.89  | 0.08%   | 6         | 0.03        |
| 31/25    | 4.90  | 0.11%   | 8         | 0.04        |
| 37/30    | 4.92  | 0.54%   | 38        | 0.19        |
| 32/26    | 4.93  | 0.21%   | 15        | 0.07        |
| 38/31    | 4.95  | 0.40%   | 28        | 0.14        |
| 33/27    | 4.97  | 0.29%   | 21        | 0.10        |
| 39/32    | 4.98  | 0.28%   | 20        | 0.10        |

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 28/23    | 4.99  | 0.11%   | 8         | 0.04        |
| 34/28    | 5.00  | 0.26%   | 18        | 0.09        |
| 40/33    | 5.01  | 0.18%   | 12        | 0.06        |
| 29/24    | 5.02  | 0.31%   | 22        | 0.11        |
| 35/29    | 5.03  | 0.12%   | 8         | 0.04        |
| 41/34    | 5.03  | 0.08%   | 6         | 0.03        |
| 30/25    | 5.06  | 0.49%   | 34        | 0.17        |
| 36/30    | 5.06  | 0.00%   | 0         | 0.00        |
| 37/31    | 5.09  | 0.54%   | 38        | 0.19        |
| 31/26    | 5.09  | 0.10%   | 7         | 0.04        |
| 38/32    | 5.11  | 0.40%   | 28        | 0.14        |
| 32/27    | 5.12  | 0.20%   | 14        | 0.07        |
| 39/33    | 5.14  | 0.28%   | 20        | 0.10        |
| 33/28    | 5.15  | 0.28%   | 19        | 0.10        |
| 40/34    | 5.16  | 0.18%   | 13        | 0.06        |
| 27/23    | 5.17  | 0.22%   | 15        | 0.08        |
| 34/29    | 5.18  | 0.13%   | 9         | 0.05        |
| 28/24    | 5.20  | 0.49%   | 34        | 0.17        |
| 35/30    | 5.20  | 0.00%   | 0         | 0.00        |
| 36/31    | 5.23  | 0.46%   | 32        | 0.16        |
| 29/25    | 5.23  | 0.11%   | 8         | 0.04        |
| 37/32    | 5.25  | 0.32%   | 23        | 0.12        |
| 30/26    | 5.26  | 0.21%   | 15        | 0.07        |
| 38/33    | 5.27  | 0.20%   | 14        | 0.07        |
| 31/27    | 5.29  | 0.29%   | 21        | 0.10        |
| 39/34    | 5.29  | 0.09%   | 7         | 0.03        |
| 32/28    | 5.31  | 0.37%   | 26        | 0.13        |
| 33/29    | 5.33  | 0.43%   | 30        | 0.15        |
| 34/30    | 5.36  | 0.41%   | 28        | 0.14        |
| 26/23    | 5.37  | 0.26%   | 18        | 0.09        |
| 35/31    | 5.38  | 0.12%   | 9         | 0.04        |
| 27/24    | 5.40  | 0.36%   | 25        | 0.13        |
| 36/32    | 5.40  | 0.00%   | 0         | 0.00        |
| 37/33    | 5.41  | 0.34%   | 24        | 0.12        |
| 28/25    | 5.42  | 0.11%   | 8         | 0.04        |
| 38/34    | 5.43  | 0.21%   | 15        | 0.07        |

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 29/26    | 5.44  | 0.20%   | 14        | 0.07        |
| 30/27    | 5.46  | 0.38%   | 27        | 0.14        |
| 31/28    | 5.48  | 0.36%   | 25        | 0.13        |
| 32/29    | 5.50  | 0.33%   | 23        | 0.12        |
| 33/30    | 5.52  | 0.31%   | 22        | 0.11        |
| 34/31    | 5.53  | 0.29%   | 21        | 0.10        |
| 35/32    | 5.55  | 0.28%   | 19        | 0.10        |
| 36/33    | 5.56  | 0.26%   | 18        | 0.09        |
| 37/34    | 5.58  | 0.25%   | 17        | 0.09        |
| 25/23    | 5.58  | 0.12%   | 8         | 0.04        |
| 26/24    | 5.60  | 0.33%   | 23        | 0.12        |
| 27/25    | 5.62  | 0.31%   | 22        | 0.11        |
| 28/26    | 5.64  | 0.29%   | 20        | 0.10        |
| 29/27    | 5.65  | 0.27%   | 19        | 0.09        |
| 30/28    | 5.67  | 0.25%   | 17        | 0.09        |
| 31/29    | 5.68  | 0.23%   | 16        | 0.08        |
| 32/30    | 5.69  | 0.22%   | 15        | 0.08        |
| 33/31    | 5.70  | 0.20%   | 14        | 0.07        |
| 34/32    | 5.71  | 0.19%   | 13        | 0.07        |
| 35/33    | 5.72  | 0.18%   | 13        | 0.06        |
| 36/34    | 5.73  | 0.17%   | 12        | 0.06        |
| 24/23    | 5.82  | 1.47%   | 103       | 0.52        |
| 25/24    | 5.83  | 0.17%   | 12        | 0.06        |
| 26/25    | 5.84  | 0.16%   | 11        | 0.06        |
| 27/26    | 5.85  | 0.15%   | 10        | 0.05        |
| 28/27    | 5.85  | 0.14%   | 10        | 0.05        |
| 29/28    | 5.86  | 0.13%   | 9         | 0.05        |
| 30/29    | 5.87  | 0.12%   | 8         | 0.04        |
| 31/30    | 5.87  | 0.11%   | 8         | 0.04        |
| 32/31    | 5.88  | 0.10%   | 7         | 0.04        |
| 33/32    | 5.89  | 0.10%   | 7         | 0.03        |
| 34/33    | 5.89  | 0.09%   | 6         | 0.03        |
| 35/34    | 5.90  | 0.09%   | 6         | 0.03        |
| 23/23    | 6.07  | 2.94%   | 206       | 1.04        |
| 24/24    | 6.07  | 0.00%   | 0         | 0.00        |
| 34/34    | 6.07  | 0.00%   | 0         | 0.00        |

# Ziggy's Motorworks

## World Formula

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 33/34    | 6.25  | 3.03%   | 212       | 1.08        |
| 32/33    | 6.26  | 0.09%   | 6         | 0.03        |
| 31/32    | 6.27  | 0.10%   | 7         | 0.03        |
| 30/31    | 6.27  | 0.10%   | 7         | 0.04        |
| 29/30    | 6.28  | 0.11%   | 8         | 0.04        |
| 28/29    | 6.29  | 0.12%   | 8         | 0.04        |
| 27/28    | 6.29  | 0.13%   | 9         | 0.05        |
| 26/27    | 6.30  | 0.14%   | 10        | 0.05        |
| 25/26    | 6.31  | 0.15%   | 10        | 0.05        |
| 24/25    | 6.32  | 0.16%   | 11        | 0.06        |
| 23/24    | 6.33  | 0.17%   | 12        | 0.06        |
| 22/23    | 6.35  | 0.19%   | 13        | 0.07        |
| 32/34    | 6.45  | 1.63%   | 114       | 0.58        |
| 31/33    | 6.46  | 0.19%   | 13        | 0.07        |
| 30/32    | 6.47  | 0.20%   | 14        | 0.07        |
| 29/31    | 6.49  | 0.22%   | 15        | 0.08        |
| 28/30    | 6.50  | 0.23%   | 16        | 0.08        |
| 27/29    | 6.52  | 0.25%   | 17        | 0.09        |
| 26/28    | 6.54  | 0.27%   | 19        | 0.09        |
| 25/27    | 6.56  | 0.29%   | 20        | 0.10        |
| 24/26    | 6.58  | 0.31%   | 22        | 0.11        |
| 23/25    | 6.60  | 0.33%   | 23        | 0.12        |
| 22/24    | 6.62  | 0.36%   | 25        | 0.13        |
| 21/23    | 6.65  | 0.40%   | 28        | 0.14        |
| 31/34    | 6.66  | 0.14%   | 10        | 0.05        |
| 30/33    | 6.68  | 0.29%   | 21        | 0.10        |
| 29/32    | 6.70  | 0.31%   | 22        | 0.11        |
| 28/31    | 6.72  | 0.33%   | 23        | 0.12        |
| 27/30    | 6.74  | 0.36%   | 25        | 0.13        |
| 26/29    | 6.77  | 0.38%   | 27        | 0.14        |
| 25/28    | 6.80  | 0.41%   | 29        | 0.15        |
| 24/27    | 6.83  | 0.45%   | 31        | 0.16        |
| 23/26    | 6.86  | 0.48%   | 34        | 0.17        |
| 30/34    | 6.88  | 0.26%   | 18        | 0.09        |
| 22/25    | 6.90  | 0.27%   | 19        | 0.09        |
| 29/33    | 6.91  | 0.14%   | 10        | 0.05        |

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## 6.25 to 9.38

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 21/24    | 6.94  | 0.43%   | 30        | 0.15        |
| 28/32    | 6.94  | 0.00%   | 0         | 0.00        |
| 27/31    | 6.97  | 0.46%   | 32        | 0.16        |
| 20/23    | 6.98  | 0.16%   | 11        | 0.06        |
| 26/30    | 7.00  | 0.33%   | 23        | 0.12        |
| 25/29    | 7.04  | 0.53%   | 37        | 0.19        |
| 24/28    | 7.08  | 0.57%   | 40        | 0.20        |
| 29/34    | 7.12  | 0.49%   | 34        | 0.17        |
| 23/27    | 7.13  | 0.13%   | 9         | 0.05        |
| 28/33    | 7.15  | 0.40%   | 28        | 0.14        |
| 22/26    | 7.17  | 0.28%   | 19        | 0.10        |
| 27/32    | 7.19  | 0.28%   | 20        | 0.10        |
| 21/25    | 7.23  | 0.45%   | 31        | 0.16        |
| 26/31    | 7.24  | 0.15%   | 11        | 0.05        |
| 20/24    | 7.28  | 0.65%   | 45        | 0.23        |
| 25/30    | 7.28  | 0.00%   | 0         | 0.00        |
| 24/29    | 7.33  | 0.69%   | 49        | 0.25        |
| 19/23    | 7.35  | 0.18%   | 13        | 0.06        |
| 28/34    | 7.37  | 0.31%   | 22        | 0.11        |
| 23/28    | 7.39  | 0.26%   | 18        | 0.09        |
| 27/33    | 7.42  | 0.40%   | 28        | 0.14        |
| 22/27    | 7.45  | 0.41%   | 29        | 0.15        |
| 26/32    | 7.47  | 0.28%   | 20        | 0.10        |
| 21/26    | 7.52  | 0.60%   | 42        | 0.21        |
| 25/31    | 7.53  | 0.15%   | 11        | 0.05        |
| 20/25    | 7.59  | 0.81%   | 56        | 0.29        |
| 24/30    | 7.59  | 0.00%   | 0         | 0.00        |
| 27/34    | 7.64  | 0.74%   | 52        | 0.26        |
| 23/29    | 7.65  | 0.13%   | 9         | 0.05        |
| 19/24    | 7.67  | 0.18%   | 13        | 0.06        |
| 26/33    | 7.70  | 0.48%   | 34        | 0.17        |
| 22/28    | 7.73  | 0.28%   | 19        | 0.10        |
| 18/23    | 7.76  | 0.40%   | 28        | 0.14        |
| 25/32    | 7.77  | 0.17%   | 12        | 0.06        |
| 21/27    | 7.80  | 0.45%   | 31        | 0.16        |
| 24/31    | 7.84  | 0.46%   | 32        | 0.16        |

| Eng/Axle | Ratio | Percent | Delta RPM | Tire Inches |
|----------|-------|---------|-----------|-------------|
| 20/26    | 7.89  | 0.65%   | 45        | 0.23        |
| 23/30    | 7.92  | 0.33%   | 23        | 0.12        |
| 26/34    | 7.94  | 0.26%   | 18        | 0.09        |
| 19/25    | 7.99  | 0.62%   | 43        | 0.22        |
| 22/29    | 8.00  | 0.18%   | 13        | 0.06        |
| 25/33    | 8.01  | 0.14%   | 10        | 0.05        |
| 18/24    | 8.09  | 1.01%   | 71        | 0.36        |
| 21/28    | 8.09  | 0.00%   | 0         | 0.00        |
| 24/32    | 8.09  | 0.00%   | 0         | 0.00        |
| 23/31    | 8.18  | 1.09%   | 76        | 0.39        |
| 20/27    | 8.19  | 0.16%   | 11        | 0.06        |
| 25/34    | 8.26  | 0.74%   | 52        | 0.26        |
| 22/30    | 8.28  | 0.27%   | 19        | 0.09        |
| 19/26    | 8.31  | 0.35%   | 25        | 0.12        |
| 24/33    | 8.35  | 0.48%   | 34        | 0.17        |
| 21/29    | 8.38  | 0.43%   | 30        | 0.15        |
| 18/25    | 8.43  | 0.57%   | 40        | 0.20        |
| 23/32    | 8.45  | 0.17%   | 12        | 0.06        |
| 20/28    | 8.50  | 0.62%   | 44        | 0.22        |
| 22/31    | 8.55  | 0.65%   | 45        | 0.23        |
| 24/34    | 8.60  | 0.54%   | 38        | 0.19        |
| 19/27    | 8.63  | 0.31%   | 22        | 0.11        |
| 21/30    | 8.67  | 0.53%   | 37        | 0.19        |
| 23/33    | 8.71  | 0.43%   | 30        | 0.15        |
| 18/26    | 8.77  | 0.67%   | 47        | 0.24        |
| 20/29    | 8.80  | 0.38%   | 27        | 0.14        |
| 22/32    | 8.83  | 0.31%   | 22        | 0.11        |
| 19/28    | 8.95  | 1.32%   | 92        | 0.47        |
| 21/31    | 8.96  | 0.17%   | 12        | 0.06        |
| 23/34    | 8.97  | 0.14%   | 10        | 0.05        |
| 18/27    | 9.11  | 1.47%   | 103       | 0.52        |
| 20/30    | 9.11  | 0.00%   | 0         | 0.00        |
| 22/33    | 9.11  | 0.00%   | 0         | 0.00        |
| 21/32    | 9.25  | 1.59%   | 111       | 0.56        |
| 19/29    | 9.26  | 0.16%   | 12        | 0.06        |
| 22/34    | 9.38  | 1.25%   | 88        | 0.45        |

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