



## XFUSION Fork Pressure and Spring Rate Chart

| <b>32/34mm Stanchion(RC/RL)</b> |                 |
|---------------------------------|-----------------|
| Rider Weight                    | Air Pressure    |
| LBS/KG                          | PSI/BAR         |
| 100lbs/45 Kg                    | 55 PSI/3.8 Bar  |
| 110lbs/50 Kg                    | 57.5 PSI/4 Bar  |
| 120lbs/54 Kg                    | 60 PSI/4.1 Bar  |
| 130lbs /59 Kg                   | 65 PSI/4.5 Bar  |
| 140lbs/63 Kg                    | 70 PSI/4.8 Bar  |
| 150lbs/68 Kg                    | 75 PSI/5.1 Bar  |
| 160lbs/73 Kg                    | 80 PSI/5.5 Bar  |
| 170lbs/77 Kg                    | 85 PSI/5.8 Bar  |
| 180lbs/82 Kg                    | 90 PSI/6.2 Bar  |
| 190lbs/86 Kg                    | 95 PSI/6.5 Bar  |
| 200 lbs/90 Kg                   | 100 PSI/6.9 Bar |
| 220+lbs/100+ Kg                 | 110 PSI/7.5 Bar |

| <b>34mm Stanchion(RoughCut)</b> |                  |
|---------------------------------|------------------|
| Rider Weight                    | Air Pressure     |
| LBS/KG                          | PSI/BAR          |
| 100lbs/45 Kg                    | 47.5 PSI/3.2 Bar |
| 110lbs/50 Kg                    | 50 PSI/3.4 Bar   |
| 120lbs/54 Kg                    | 55 PSI/3.8 Bar   |
| 130lbs /59 Kg                   | 60 PSI/4.1 Bar   |
| 140lbs/63 Kg                    | 65 PSI/4.5 Bar   |
| 150lbs/68 Kg                    | 70 PSI/4.8 Bar   |
| 160lbs/73 Kg                    | 75 PSI/5.1 Bar   |
| 170lbs/77 Kg                    | 80 PSI/5.5 Bar   |
| 180lbs/82 Kg                    | 85 PSI/5.8 Bar   |
| 190lbs/86 Kg                    | 90 PSI/6.2 Bar   |
| 200 lbs/90 Kg                   | 95 PSI/6.5 Bar   |
| 220+lbs/100+ Kg                 | 110 PSI/7.5 Bar  |

| <b>36mm Stanchion</b> |                  |
|-----------------------|------------------|
| Rider Weight          | Air Pressure     |
| LBS/KG                | PSI/BAR          |
| 100lbs/45 Kg          | 45 PSI/3 Bar     |
| 110lbs/50 Kg          | 47.5 PSI/3.2 Bar |
| 120lbs/54 Kg          | 50 PSI/3.4 Bar   |
| 130lbs /59 Kg         | 52.5 PSI/3.6 Bar |
| 140lbs/63 Kg          | 55 PSI/3.8 Bar   |
| 150lbs/68 Kg          | 57.5 PSI/ 4 bar  |
| 160lbs/73 Kg          | 60 PSI/4.1 Bar   |
| 170lbs/77 Kg          | 65 PSI/4.5 Bar   |
| 180lbs/82 Kg          | 70 PSI/4.8 Bar   |
| 190lbs/86 Kg          | 75 PSI/5.1 Bar   |
| 200 lbs/90 Kg         | 80 PSI/5.5 Bar   |
| 220+lbs/100+ Kg       | 85 PSI/5.8 Bar   |

| <b>RV-1(Coil Spring)</b> |               |
|--------------------------|---------------|
| Rider Weight             | Air Pressure  |
| LBS/KG                   | Spring        |
| 100lbs/45 Kg             | Soft (Red)    |
| 110lbs/50 Kg             | Soft (Red)    |
| 120lbs/54 Kg             | Stock (Green) |
| 130lbs /59 Kg            | Stock (Green) |
| 140lbs/63 Kg             | Stock (Green) |
| 150lbs/68 Kg             | Stock (Green) |
| 160lbs/73 Kg             | Firm (Blue)   |
| 170lbs/77 Kg             | Firm (Blue)   |
| 180lbs/82 Kg             | Firm (Blue)   |
| 190lbs/86 Kg             | Extra Firm    |
| 200 lbs/90 Kg            | Extra Firm    |
| 220+lbs/100+ Kg          | Extra Firm    |