



X-Fusion Fork Pressure and Spring Rate Chart

32/34mm Stanchion(RC/RL)	
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

34mm Stanchion(RoughCut)	
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

36mm Stanchion	
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

RV-1(Coil Spring)	
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