

Compresion [kN] without water

	No Extensioner	Extensioner (1000mm)	Extensioner (2000mm)	Extensioner (3000mm)	Extensioner (4000mm)
Starter (1000mm)	11.89	30.59	49.56	68.85	88.48
Starter (2000mm)	35.09	58.04	81.31	104.92	128.89
Starter (3000mm)	92.54	138.36	184.52	231.05*	277.94*
Starter (4000mm)	172.41	241.13*	310.2*	379.64*	449.46*

* MAX 208 kN due to buckling of tube (buckling length 500mm)

Tension [kN] without water

	No Extensioner	Extensioner (1000mm)	Extensioner (2000mm)	Extensioner (3000mm)	Extensioner (4000mm)
Starter (1000mm)	10.94	29.01	47.49	66.37	85.67
Starter (2000mm)	33.5	55.96	78.83	102.1	125.78
Starter (3000mm)	90.46	135.88	181.71	227.94	274.58
Starter (4000mm)	169.93	238.31	307.09*	376.29*	445.88*

* MAX 280 kN due to tensile strength

Compresion [kN] with water

	No Extensioner	Extensioner (1000mm)	Extensioner (2000mm)	Extensioner (3000mm)	Extensioner (4000mm)
Starter (1000mm)	6.51	16.81	27.25	37.87	48.68
Starter (2000mm)	19.31	31.96	44.79	57.81	71.03
Starter (3000mm)	51.13	76.49	102.04	127.79	153.74
Starter (4000mm)	95.4	133.48	171.76	210.25*	248.94*

* MAX 208 kN due to buckling of tube (buckling length 500mm)

Tension [kN] with water

	No Extensioner	Extensioner (1000mm)	Extensioner (2000mm)	Extensioner (3000mm)	Extensioner (4000mm)
Starter (1000mm)	6.17	16.31	26.67	37.25	48.07
Starter (2000mm)	18.8	31.38	44.17	57.2	70.45
Starter (3000mm)	50.54	75.87	101.43	127.21	153.21
Starter (4000mm)	94.79	132.87	171.18	209.71	248.48