

Relation between Hydraulic Pressure & Techno Metal Post Allowable Load Capacity

Rotative Head: Model 812-315 (EM1 #1)

Serial number: EM1V2013021

Pressure (psi)	Torque (ft-lbs)	Compression Load ICC (lbs)	Tension Load ICC (lbs)
750	247	864	740
1000	1481	5182	4442
1250	2715	9501	8144
1500	3949	13820	11846
1750	5182	18138	15547
2000	6416	22457	19249
2250	7650	26776	22951
2300	7897	27639	23691

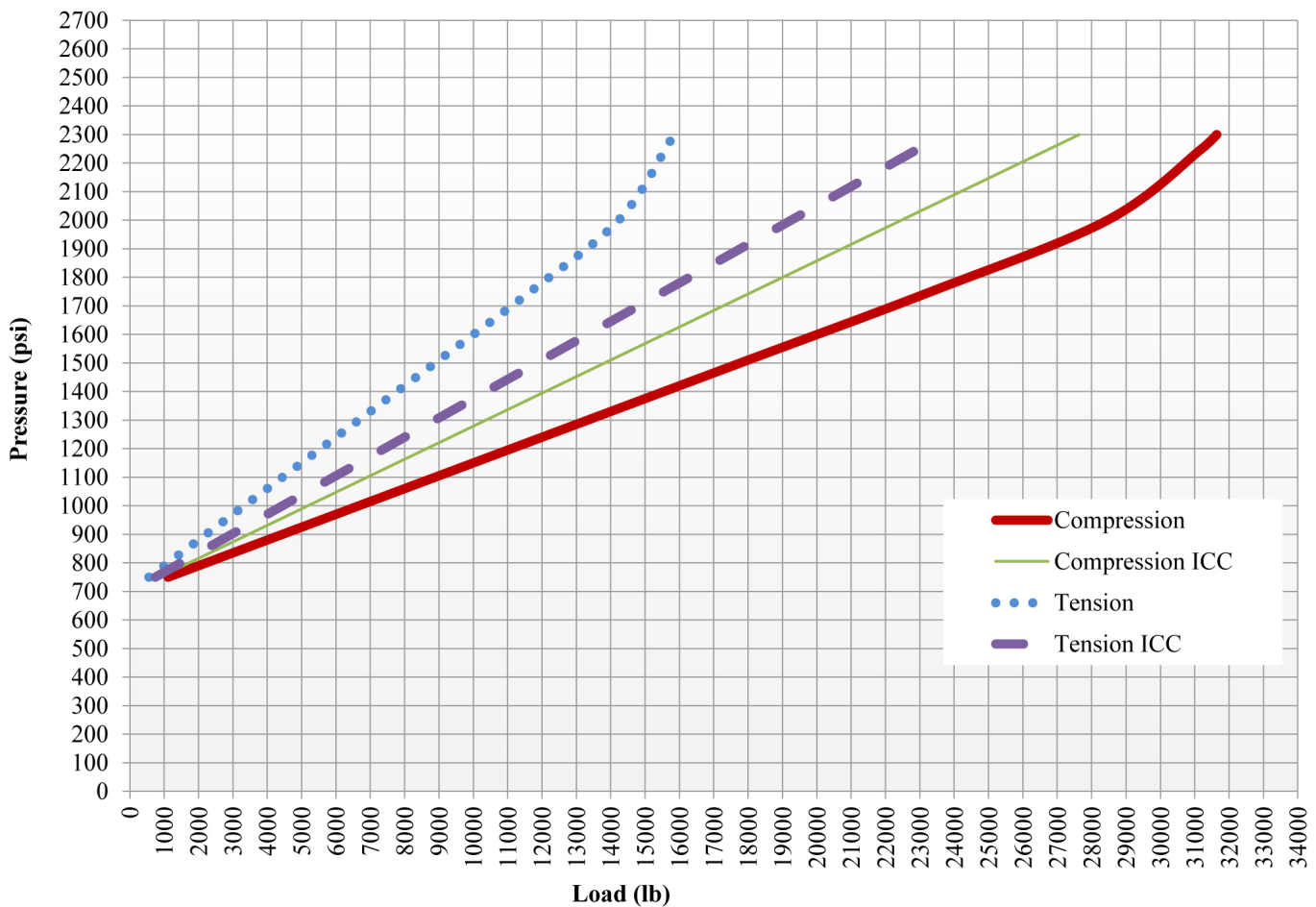
Note: (1) The reading capacity includes a safety factor superior or equal to 2 against rupture, which allows the limit of settling to less than +/- 1/2" under the working load.

(2) In ICC tension applications, the helical pile must be installed such that the minimum depth from the ground surface to the helix is 12D, where D is the diameter of the helix.

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