

HYDRA 7.625in. x 29.7 lb/ft HC-P110 Flush Joint

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		Connection	HYD	KA
7.625	inches	Connection OD	7.625	inches
29.70	lb/ft	Make Up Loss	4.230	inches
0.375	inches	Critical Section Area	5.125	in²
29.06	lb/ft	Internal Pressure Rating	7,570	psi
6.750	inches	External Pressure Rating	0	psi
6.875	inches	Tension Efficiency	60%	
HC-P110		Connection Strength	564	kips
110,000	lbf/in²	Compression Efficiency	564	kips
125,000	lbf/in²	Uniaxial Bend Rating	41	° / 100 ft
8.541	in²	Reference Depth	12,939	Ft.
940	kips	Optimal Make Up Torque	14,800	ft-lbs 🚺
9,470	psi	Min	11,750	ft-lbs 🚺
0	psi	Max	17,875	ft-lbs
	29.70 0.375 29.06 6.750 6.875 HC-P110 110,000 125,000 8.541 940 9,470	29.70 lb/ft 0.375 inches 29.06 lb/ft 6.750 inches 6.875 inches HC-P110 110,000 lbf/in² 125,000 lbf/in² 8.541 in² 940 kips 9,470 psi	7.625 inches 29.70 lb/ft 0.375 inches 29.06 lb/ft 6.750 inches 6.875 inches HC-P110 110,000 lbf/in² 125,000 lbf/in² 940 kips 9,470 psi Make Up Loss Critical Section Area Internal Pressure Rating External Pressure Rating Connection Strength Compression Efficiency Uniaxial Bend Rating Reference Depth Optimal Make Up Torque Min	7.625 inches Connection OD 7.625 29.70 lb/ft Make Up Loss 4.230 0.375 inches Critical Section Area 5.125 29.06 lb/ft Internal Pressure Rating 7,570 6.750 inches External Pressure Rating 0 6.875 inches Tension Efficiency 60% HC-P110 Connection Strength 564 110,000 lbf/in² Compression Efficiency 564 125,000 lbf/in² Uniaxial Bend Rating 41 8.541 in² Reference Depth 12,939 940 kips Optimal Make Up Torque 14,800 9,470 psi Min 11,750 0 psi Max 17,875

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The performance properties in these data tables are calculated per API 5C3. Calculations are based on nominal wall thickness. Loads do not reflect a design safety factor for walls thinner than nominal or other defects. Reference Depth = Connection Strength/ (PE Wt./Ft)*(1.5). Reference Depth includes a 1.5 design factor. However, it does not consider bending, temperature, bouyancy or other load considerations.

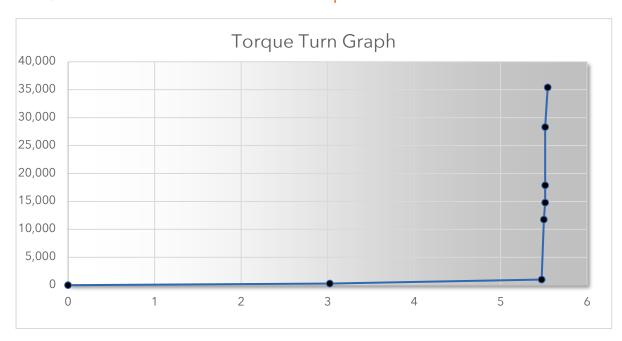




Torque Data Sheet - HYDRA

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Min Make Up Torque	11,750	ft-lbs	Nom Shoulder Torque	1,020	ft-lbs
Max Make Up Torque	17,875	ft-lbs	Max Operating	28,300	ft-lbs
Optimum Torque	14,800	ft-lbs	Yield	35,400	ft-lbs



12/12/2019