PRECISION

HYDRA 7.625in. x 33.7 lb/ft J-55 Flush Joint

Pipe Body

Nominal OD	7.625	inches
Nominal Weight	33.70	lb/ft
Wall Thickness	0.430	inches
Plain End Weight	33.07	lb/ft
Standard Drift	6.640	inches
Nominal ID	6.765	inches
Grade	J-55	
Min Yield	55,000	lbf/in²
Min Tensile	75,000	lbf/in²
Critical Section Area	9.720	in²
Pipe Body Yield Strength	535	kips
Min Internal Yield Pressure	5,430	psi
Collapse Pressure	5,100	psi

Connection

Connection OD	7.625	inches
Make Up Loss	4.450	inches
Critical Section Area	5.832	in²
Internal Pressure Rating	4,340	psi
External Pressure Rating	5,100	psi
Tension Efficiency	60%	
Connection Strength	321	kips
Compression Efficiency	321	kips
Uniaxial Bend Rating	21	° / 100 ft
Reference Depth	6,471	Ft.
Optimal Make Up Torque	8,875	ft-lbs
Min	7,050	ft-lbs 👔
Max	10,700	ft-lbs
	v1.0	12/12/2019

HYDRA

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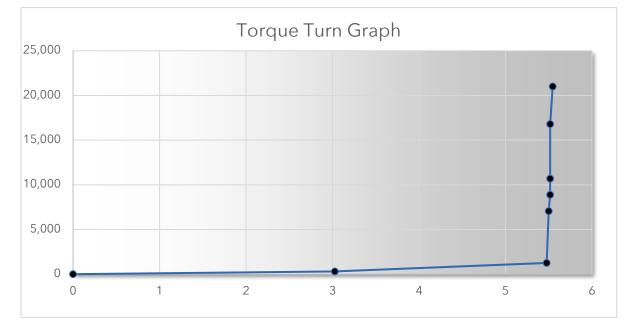
The performance properties in these data tables are calculated per API 5C3. Calculations are based on nominal wall thickness. Loads do not reflect a design safety factor for walls thinner than nominal or other defects. Reference Depth = Connection Strength/ (PE Wt./Ft)*(1.5). Reference Depth includes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

PRECISION

Torque Data Sheet - HYDRA

HYDRA 7.625in. x 33.7 lb/ft J-55 Flush Joint

Min Make Up Torque	7,050	ft-lbs	Nom Shoulder Torque	1,260	ft-lbs
Max Make Up Torque	10,700	ft-lbs	Max Operating	16,800	ft-lbs
Optimum Torque	8,875	ft-lbs	Yield	21,000	ft-lbs



HYDRA

12/12/2019

v1.1