



HYDRA 6in. x 24 lb/ft J-55 Flush Joint



Pipe Body

Nominal OD	6.000	inches
Nominal Weight	24.00	lb/ft
Wall Thickness	0.400	inches
Plain End Weight	23.95	lb/ft
Standard Drift	5.075	inches
Nominal ID	5.200	inches
Grade	J-55	
Min Yield	55,000	lb/in ²
Min Tensile	75,000	lb/in ²
Critical Section Area	7.037	in ²
Pipe Body Yield Strength	387	kips
Min Internal Yield Pressure	6,420	psi
Collapse Pressure	6,790	psi

Connection

Connection OD	6.000	inches
Make Up Loss	4.230	inches
Critical Section Area	4.222	in ²
Internal Pressure Rating	5,130	psi
External Pressure Rating	6,790	psi
Tension Efficiency	60%	
Connection Strength	232	kips
Compression Efficiency	232	kips
Uniaxial Bend Rating	26	° / 100 ft
Reference Depth	6,463	Ft.
Optimal Make Up Torque	5,413	ft-lbs 
Min	4,375	ft-lbs 
Max	6,450	ft-lbs

v1.0

12/12/2019

This documentation contains confidential and proprietary information not to be reproduced or divulged in whole or in part to anyone outside of your company without prior written authorization from Precision Connections, LLC, and such documentation and information is provided to you upon such conditions of confidentiality.

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, buoyancy or other load considerations.

Torque Data Sheet - HYDRA

HYDRA 6in. x 24 lb/ft J-55 Flush Joint

Min Make Up Torque	4,375	ft-lbs	Nom Shoulder Torque	1,010	ft-lbs
Max Make Up Torque	6,450	ft-lbs	Max Operating	11,350	ft-lbs
Optimum Torque	5,413	ft-lbs	Yield	14,200	ft-lbs

