

HYDRA 3.5in. x 9.2 lb/ft J-55 Flush Joint



Pipe Body

Nominal OD	3.500	inches
Nominal Weight	9.20	lb/ft
Wall Thickness	0.254	inches
Plain End Weight	8.81	lb/ft
Standard Drift	2.867	inches
Nominal ID	2.992	inches
Grade	J-55	
Min Yield	55,000	lb/in ²
Min Tensile	75,000	lb/in ²
Critical Section Area	2.590	in ²
Pipe Body Yield Strength	142	kips
Min Internal Yield Pressure	6,990	psi
Collapse Pressure	7,400	psi

Connection

Connection OD	3.500	inches
Make Up Loss	3.938	inches
Critical Section Area	1.554	in ²
Internal Pressure Rating	5,590	psi
External Pressure Rating	7,400	psi
Tension Efficiency	60%	
Connection Strength	85	kips
Compression Efficiency	85	kips
Uniaxial Bend Rating	46	° / 100 ft
Reference Depth	6,447	Ft.
Optimal Make Up Torque	1,288	ft-lbs
Min	1,088	ft-lbs
Max	1,488	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 3.5in. x 9.2 lb/ft J-55 Flush Joint

Min Make Up Torque	1,088	ft-lbs	Nom Shoulder Torque	400	ft-lbs
Max Make Up Torque	1,488	ft-lbs	Max Operating	2,150	ft-lbs
Optimum Torque	1,288	ft-lbs	Yield	2,700	ft-lbs

