

OG™ PREMIUM FLUSH 5in. x 18 lb/ft P110 EB



Pipe Body

Nominal OD	5.000	inches
Nominal Weight	18.00	lb/ft
Wall Thickness	0.362	inches
Plain End Weight	17.95	lb/ft
Standard Drift	4.151	inches
Nominal ID	4.276	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in ²
Min Tensile	130,000	lbf/in ²
Critical Section Area	5.275	in ²
Pipe Body Yield Strength	659	kips
Min Internal Yield Pressure	15,840	psi
Collapse Pressure	15,490	psi

Connection

Connection OD	5.000	inches
Connection ID	4.239	inches
Make Up Loss	5.699	inches
Critical Section Area	3.428	in ²
Internal / External Pressure Rating	100%	of Pipe
Internal Pressure	15,840	
External Pressure	15,490	
Tension Efficiency	65%	428 kips
Compression Efficiency	65%	428 kips
Uniaxial Bend Rating	75	° / 100 ft
Optimal Make Up Torque	5,398	ft-lbs
Min	4,860	ft-lbs
Max	5,940	ft-lbs

v1.0

1/9/2020

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.



Torque Data Sheet - OG™ PREMIUM FLUSH



OG™ PREMIUM FLUSH 5in. x 18 lb/ft P110 EB

Min Make Up Torque 4,860 ft-lbs

Max Make Up Torque 5,940 ft-lbs

Optimum Torque 5,398 ft-lbs

Nom Shoulder Torque 1,700 ft-lbs

