

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



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	HC-P110	
Min Yield	110,000	lb/in ²
Min Tensile	125,000	lb/in ²
Critical Section Area	5.275	in ²
Pipe Body Yield Strength	580	klps
Min Internal Yield Pressure	13,940	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	13,940	
External Pressure	15,490	
Tension Efficiency	65%	377 klps
Compression Efficiency	65%	377 klps
Uniaxial Bend Rating	66	° / 100 ft
Optimal Make Up Torque	4,750	ft-lbs
Min	4,280	ft-lbs
Max	5,230	ft-lbs

v1.0

10/31/2019

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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.

Torque Data Sheet - OG™ PREMIUM FLUSH

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Min Make Up Torque	4,280	ft-lbs
Max Make Up Torque	5,230	ft-lbs
Optimum Torque	4,750	ft-lbs

Nom Shoulder Torque	1,700	ft-lbs
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