



Precision Connections BK

4.5 in. 13.5 lb/ft P110 EB with 5 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	13.50	lb/ft
Wall Thickness	0.29	inches
Plain End Weight	13.05	lb/ft
Drift	3.795	inches
Nominal ID	3.920	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in ²
Min Tensile	130,000	lbf/in ²
Critical Section Area	3.836	in ²
Pipe Body Yield Strength	479	kips
Min Internal Yield Pressure	14,100	psi
Collapse Pressure	12,290	psi

Connection

Coupling OD	5.000	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Coupling Critical Area	4.472	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	479	kips
Compression Efficiency	100%	
Joint Strength	467	kips
Uniaxial Bend Rating	114.6	° / 100 ft
Min Make Up Torque	3,200	ft-lbs 
Yield Torque	12,200	ft-lbs 



Torque Data Sheet - Precision Connections BK

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Min Make Up Torque	3,200	ft-lbs	Max Operating Torque	10,400	ft-lbs
Max Make Up Torque	9,150	ft-lbs	Yield Torque	12,200	ft-lbs
Optimum Torque	4,400	ft-lbs			

Representative Torque Turn Graph

