



Precision Connections BK-HT

7 in. 41 lb/ft CYP-110 with 7.875 in. Coupling OD

Pipe Body

Nominal OD	7.000	inches
Nominal Weight	41.00	lb/ft
Wall Thickness	0.59	inches
Plain End Weight	40.43	lb/ft
Drift	5.795	inches
Nominal ID	5.820	inches
Grade	CYP-110	
Min Yield	110,000	lbf/in ²
Min Tensile	125,000	lbf/in ²
Critical Section Area	11.881	in ²
Pipe Body Yield Strength	1307	kips
Min Internal Yield Pressure	16,230	psi
Collapse Pressure	16,980	psi

Connection

Coupling OD	7.875	inches
Coupling Length	9.000	inches
Make Up Loss	4.500	inches
Critical Section Area	11.859	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	1307	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	64.0	° / 100 ft
Min Make Up Torque	10,000	ft-lbs
Yield Torque	64,000	ft-lbs



Torque Data Sheet - Precision Connections BK-HT

7 in. 41 lb/ft CYP-110 with 7.875 in. Coupling OD

Min Make Up Torque	10,000	ft-lbs
Max Make Up Torque	48,000	ft-lbs
Optimum Torque	20,000	ft-lbs

Max Operating Torque	54,400	ft-lbs
Yield Torque	64,000	ft-lbs

Representative Torque Turn Graph

