



PATTERSON RENTAL TOOLS

5" BN 19.50 # S-135 4 1/2" IF Drill Pipe

Product:	5" BN	DP5BNS135
Tube Size:	5"	In.
Nominal Weight / Ft.:	19.5#	Lbs./Ft.
Tube Grade:	S-135	
Connection:	NC-50 (4 1/2" IF)	
Tube Specifications		
Inside Diameter:	4.276	In.
Wall Thickness:	0.362	In.
Tensile Yield New:	712,070	Lbs.
Premium:	569,656	Lbs.
Torsional Yield New:	74,100	Ft-Lbs.
Premium:	58,100	Ft-Lbs.
PSI Burst (New/Premium):	17105 / 15638	PSI
Collapse (New/Premium):	15672 / 10029	PSI
Engineering Data:		
Drift Diameter:	3.125 (IPC 3.105)	In.
Adj. Weight / Foot:	23.15	Lbs./Ft.
Avg Jt Length / Jt Weight:	31'	Feet Lbs.
Displacement(Open):	0.354	Gal./Ft.
	0.843	Bbl./100 Ft.
Capacity:	0.728	Gal./Ft.
	1.733	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	6 5/8"	In.
Minimum OD	6 5/16"	In.
Inside Diameter:	3 1/4" and 3 1/2"	In.
Tensile Yield New:	1,256,300	Lbs.
Premium:	1,005,040	Lbs.
Torsional Strength New:	51,500/45,100	Ft./lbs.
Maximum Torque New:	30,700/23,400	Ft./lbs.
Minimum Torque New:	25,600/22,600	Ft./lbs.
Make Up Torque:		
ID. Markings:	1 groove	
Minimum usage lengths:	Box 6 1/8" Pin 4 3/4"	
Special Note:		

* Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Patterson Services, Inc. makes no representation about, and is not responsible or liable for the accuracy or reliability of the data, described herein. Nothing contained in this document shall be considered a recommendation for any use that may infringe patent rights, or an endorsement of any particular material, equipment, service, or other item. The properties listed in this document are not specification. They are provided as information only and in no way modify, amend, enlarge or create any specification or warranty.



Tubing

1" thru 4 1/2"

Drill Pipe

2 3/8" thru 5 1/2"

Heavy Weight Drill Pipe

2 7/8" thru 6 5/8"

Drill Collars

2 7/8" thru 10"

Blow-Out Preventers

Annular Type

2 9/16" 5M thru 29 1/2" 500 PSI

Hydraulic Ram Type

Single and Double

3 1/16" 10M thru 16 3/4" 5M

Valves Manual & Hydraulic

12" Ball Valves

2 1/16" 5M thru 4 1/16" 15M