



# PATTERSON RENTAL TOOLS

## 3 1/8" Spiral/Plain Drill Collar W 2 7/8" HT-PAC

### 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

Product:	3 1/8" Spiral/Plain Drill Collar	
Tube Size:	3 1/8"	In.
Plain Nominal Weigth/Jt	681	Lbs
Spiral Nominal Weight/JT	600	Lbs
Connection:	2 7/8" HT-PAC	
	Engineering Data:	
Avg Jt Length	30	Feet
Displacement(Open):	0.335 / .306	Gal./Ft.
	0.798 / .729	Bbl./100 Ft.
Capacity:	0.064 / .092	Gal./Ft.
	0.152 / .219	Bbl./100 Ft.
	Connection Specifications	
Outside Diameter:	3 1/8"	In.
Minimum OD	3"	In.
Inside Diameter:	1 1/4" / 1 1/2"	In.
Tensile Yield New:	309,700 / 250,300	Lbs.
Torsional Strength New:	9,400/7,800	Ft./lbs.
Make Up Torque Min New:	3,500/3,200	Ft./lbs.
Make Up Torque Max New:	5,600/4,700	Ft./lbs.
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.



Patterson Services, Inc.  
15015 Vickery Drive  
Houston, Texas 77032  
Phone 281.875.4006  
Fax 281.875.2030