

**9 1/2" PBI DUAL PORT BYPASS SYSTEM
TECHNICAL SHEET**

9 1/2" O.D.

SERIAL #	_____	*
A-TOOL O.D.	_____	9.50"
B-TOOL I.D. (DRIFT)	_____	1.50"
FLOW AREA THROUGH TOOL	_____	4.6 sq./in.
C-BOX CONNECTION	_____	7 5/8 Reg
D-PIN CONNECTION	_____	7 5/8 Reg
E-ACTIVATION BALL:		
DIAMETER	_____	2 1/2"
MATERIAL	_____	Ertalyte
NUMBER OF BALLS TO ACTIVATE	_____	1
BALL SHEARING PRESSURE	_____	As Desired
F-DEACTIVATION BALL:		
DIAMETER	_____	1 3/4"
MATERIAL	_____	Chrome Steel
NUMBER OF BALLS TO DEACTIVATE	_____	2
G-SIZE OF PORT	_____	1.50"
NUMBER OF PORTS	_____	2
TFA WHEN TOOL IS OPEN	_____	3.534 sq./in.
NUMBER OF CYCLES	_____	5
OVERALL LENGTH	_____	8 - 9 ft
WEIGHT	_____	1,444 lbs
TENSILE STRENGTH	_____	6,000,000 lbs
TORSIONAL STRENGTH	_____	565,000 ft/lbs
MAKE UP TORQUE	_____	81,290 ft/lbs

NOTES:

NO DRIFT WHEN BALLS ARE IN TOOL.

*Tools are rated to operate in temp. up to 420 degrees Fahrenheit.

**2.270" Drift Available to allow 2.250" Rhino ball pass.

