



**6 1/2" PBL BALL LOCK BYPASS SYSTEM
TECHNICAL SHEET (4 1/2 IF)**

SERIAL #	_____	*
A-TOOL O.D.	_____	6.50"
B-TOOL I.D. (DRIFT)	_____	1.27"
FLOW AREA THROUGH TOOL	_____	2.92 sq/in
C-BOX CONNECTION	_____	4 1/2 IF
D-PIN CONNECTION	_____	4 1/2 IF
E-ACTIVATION BALL/# TO ACTIVATE:	_____	1
DIAMETER	_____	2"
MATERIAL	_____	Ertalyte
SHEARING PRESSURE	_____	As Required
F-DEACTIVATION BALL/# TO DEACT.:	_____	2
DIAMETER	_____	1 3/8"
MATERIAL	_____	Steel
G-LOCKING BALL/# TO LOCK OPEN:	_____	1
DIAMETER	_____	1 1/8"
MATERIAL	_____	Ertalyte
SHEARING PRESSURE	_____	As Required
H-SIZE OF PORT	_____	1.1"
NUMBER OF PORTS	_____	2
TFA WHEN TOOL IS OPEN	_____	1.901 sq/in
NUMBER OF CYCLES	_____	5
OVERALL LENGTH	_____	9 - 11 ft
WEIGHT	_____	800 lbs
TENSILE STRENGTH	_____	2,500,00 lbs
TORSIONAL STRENGTH	_____	166,000 ft/lbs
MAKE UP TORQUE	_____	34,190 ft/lbs

NOTES:

NO DRIFT WHEN BALLS ARE IN TOOL.

* Tool is rated to operate in temp. up to 420 degrees Fahrenheit.

* 4 1/2 XH Torque - 26,710 ft/lbs

