

**8 1/4" HF PBL BALL LOCK BYPASS SYSTEM
TECHNICAL SHEET**



SERIAL #	_____	*
A-TOOL O.D.	_____	8.25"
B-TOOL I.D. (DRIFT)	_____	2.53"
FLOW AREA THROUGH TOOL	_____	5.7 sq/in
C-BOX CONNECTION	_____	6 5/8 Reg
D-PIN CONNECTION	_____	6 5/8 Reg
E-ACTIVATION BALL/# TO ACTIVATE:	_____	1
DIAMETER	_____	2.72"
MATERIAL	_____	Ertalyte
SHEARING PRESSURE	_____	As Desired
F-DEACTIVATION BALL/# TO DEACT.:	_____	2
DIAMETER	_____	1 3/4"
MATERIAL	_____	Steel
G-LOCKING BALL/# TO LOCK OPEN:	_____	1
DIAMETER	_____	1 3/8"
MATERIAL	_____	Ertalyte
SHEARING PRESSURE	_____	75% of act shear
H-SIZE OF PORT	_____	1.35"
NUMBER OF PORTS	_____	2
TFA WHEN TOOL IS OPEN	_____	2.863 sq/in
NUMBER OF CYCLES	_____	4
OVERALL LENGTH	_____	8 - 9 ft
WEIGHT	_____	1,000 lbs
TENSILE STRENGTH	_____	3,700,00 lbs
TORSIONAL STRENGTH	_____	335,000 ft/lbs
MAKE UP TORQUE	_____	46,450 ft/lbs

NOTES:

NO DRIFT WHEN BALLS ARE IN TOOL.

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

* 2.53" Drift to allow 2.50" NOV ball pass through.

