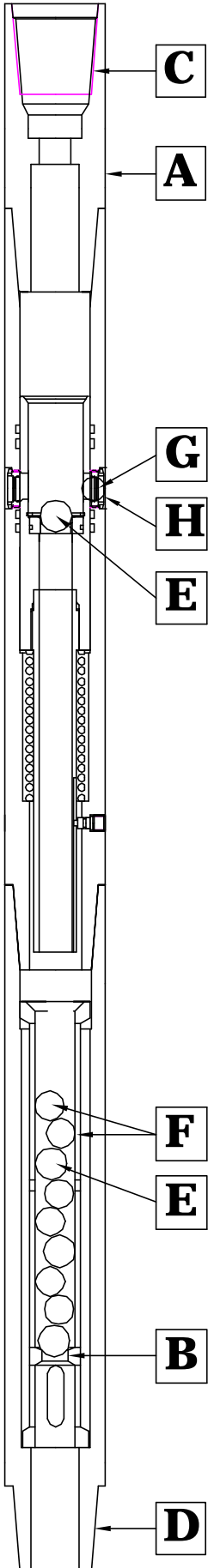


**2 7/8" PBL BALL LOCK BYPASS SYSTEM  
TECHNICAL SHEET**



<b>SERIAL #</b>	_____	*
<b>A-TOOL O.D.</b>	_____	2.875"
<b>B-TOOL I.D. (DRIFT)</b>	_____	9/16"
<b>FLOW AREA THROUGH TOOL</b>	_____	0.785 sq/in
<b>C-BOX CONNECTION</b>	_____	2 3/8 PAC
<b>D-PIN CONNECTION</b>	_____	2 3/8 PAC
<b>E-ACTIVATION BALL/# TO ACTIVATE:</b>	_____	<b>1</b>
<b>DIAMETER</b>	_____	1.00"
<b>MATERIAL</b>	_____	Torlon
<b>SHEARING PRESSURE</b>	_____	As Desired
<b>F-DEACTIVATION BALL/# TO DEACT.:</b>	_____	<b>2</b>
<b>DIAMETER</b>	_____	13/16"
<b>MATERIAL</b>	_____	Steel
<b>G-LOCKING BALL/# TO LOCK OPEN:</b>	_____	<b>1</b>
<b>DIAMETER</b>	_____	0.700"
<b>MATERIAL</b>	_____	Torlon
<b>SHEARING PRESSURE</b>	_____	75% of act shear
<b>H-SIZE OF PORT</b>	_____	0.68"
<b>NUMBER OF PORTS</b>	_____	2
<b>TFA WHEN TOOL IS OPEN</b>	_____	0.72 sq/in
<b>NUMBER OF CYCLES</b>	_____	4
<b>OVERALL LENGTH</b>	_____	5 - 6 ft
<b>WEIGHT</b>	_____	115 lbs
<b>TENSILE STRENGTH</b>	_____	415,000 lbs
<b>TORSIONAL STRENGTH</b>	_____	12,000 ft/lbs
<b>MAKE UP TORQUE</b>	_____	2,200 ft/lbs

**NOTES:**

**NO DRIFT WHEN BALLS ARE IN TOOL.**

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

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