

**6 1/4" PBL BALL LOCK BYPASS SYSTEM  
TECHNICAL SHEET**

|                                  |       |                  |
|----------------------------------|-------|------------------|
| SERIAL #                         | _____ | *                |
| A-TOOL O.D.                      | _____ | 6.25"            |
| B-TOOL I.D. (DRIFT)              | _____ | 1.25"            |
| FLOW AREA THROUGH TOOL           | _____ | 2.92 sq/in       |
| C-BOX CONNECTION                 | _____ | 4 1/2 XH         |
| D-PIN CONNECTION                 | _____ | 4 1/2 XH         |
| E-ACTIVATION BALL/# TO ACTIVATE: | _____ | <b>1</b>         |
| DIAMETER                         | _____ | 2"               |
| MATERIAL                         | _____ | Ertalyte         |
| SHEARING PRESSURE                | _____ | As Desired       |
| F-DEACTIVATION BALL/# TO DEACT:  | _____ | <b>2</b>         |
| DIAMETER                         | _____ | 1 3/8"           |
| MATERIAL                         | _____ | Steel            |
| G-LOCKING BALL/# TO LOCK OPEN:   | _____ | <b>1</b>         |
| DIAMETER                         | _____ | 1 1/8"           |
| MATERIAL                         | _____ | Ertalyte         |
| SHEARING PRESSURE                | _____ | 75% of act shear |
| 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                   | _____ | 7 - 9 ft         |
| WEIGHT                           | _____ | 692 lbs          |
| TENSILE STRENGTH                 | _____ | 1,900,00 lbs     |
| TORSIONAL STRENGTH               | _____ | 130,000 ft/lbs   |
| MAKE UP TORQUE                   | _____ | 26,710 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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