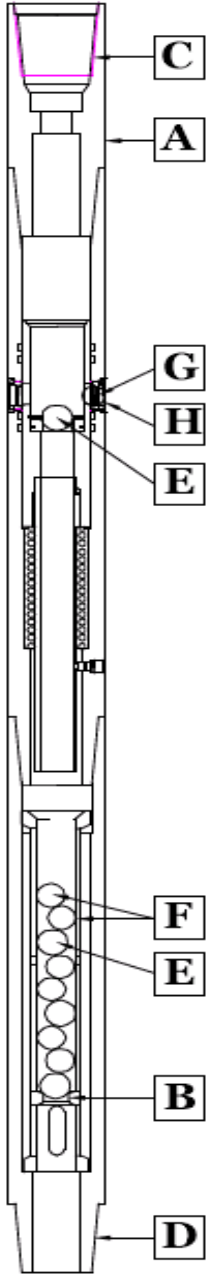




5 1/4" O.D.

**5 1/4" PBL BALL LOCK BYPASS SYSTEM
TECHNICAL SHEET**



- SERIAL #
- A - TOOL O.D.
- B - TOOL I.D.
- FLOW AREA THROUGH TOOL
- C - BOX CONNECTION
- D - PIN CONNECTION
- E - ACTIVATION BALL/# TO ACTIVATE
DIAMETER / MATERIAL
- H - SIZE OF PORT
- F - DEACTIVATION BALL/# TO DEACT.
DIAMETER / MATERIAL
- G - LOCKING BALL/# TO LOCK OPEN
DIAMETER / MATERIAL
- SHEARING PRESSURE
- NUMBER OF PORTS
- TFA WHEN TOOL IS OPEN
- MAX. FLOW CLOSED
- MAX. / MIN. FLOW OPEN (ACTIVATED)
- NUMBER OF CYCLES
- OVERALL LENGTH
- WEIGHT
- TENSILE STRENGTH
- TENSILE STRENGTH CONNECTION
- TORSIONAL STRENGTH
- TORSIONAL STRENGTH CONNECTION
- MAKE UP TORQUE

5.25"
1.25"
1.67 SQ.IN.
XT-39
XT-39
1
1 1/2" / Torlon
2
1 3/8" / Steel
1
1 1/8" / Torlon
1.1"
2
1.901 SQ.IN
600 GPM
1000 GPM / 50 GPM
4
7 - 9 FT
475 LBS
667,000 LBS
567,600 LBS
37,300 FT/LBS
33,900 FT/LBS
22,400 FT/LBS

NOTES

- * **NO THRU DRIFT WHEN BALLS ARE IN TOOL**
- * Tool is rated to operate in temp up to 420 degrees F
- * Internal Connections are XT-43. Make-up torque is 19,200 FT/LBS
- Optional 1.40" No-Go Available

