

# THE PBL® SLIDING SLEEVE BIG BORE SYSTEM



To answer the drilling industry's need for an efficient circulating sub that can be used in conjunction with retrievable MWD probes, DSI introduces the Sliding Sleeve Big Bore (SSBB) system. This tool provides the same reliability associated with DSI's PBL® Multi-Activation Bypass System as well as the same industry proven functionality. PBL® SSBB system is capable of being run in tandem with DSI PBL® Multi-Activation Bypass System of same OD or smaller, hence providing multiple zone cleanout capabilities. PBL® SSBB system can also be run in tandem with DSI Booster Bypass System of same OD or smaller, enabling the operator to perform split flow operations with Booster Bypass system, but also be able to switch to 100% bypass operation by activating PBL® SSBB system, should unexpected losses be encountered.

## New features

- Unlimited number of cycles
- Large ID provides the operator with the ability to deploy or retrieve probe style MWD sensors, drilling tools, or core barrels while still maintaining the ability to activate the SSBB tool

## The SSBB has the same applications as the standard PBL®:

- Increasing circulation rates for improved hole cleaning resulting in reduced torque and drag, thereby increasing ROP
- Increasing annular velocity in highly deviated and horizontal wellbores where removal of cutting beds and hole cleaning are problematic
- Pumping all types of LCM materials, including aggressive materials and cement squeezes
- Fluid displacements
- Acidizing and stimulation treatments
- Coring applications

## Technical Specifications

Tool O.D. (")	6 ½	6 ¾	8	8 ¼	9 ½
Drift I.D. (") <sup>1</sup>	2.24	2.24	2.63	2.63	2.63
Port TFA (in <sup>2</sup> ) <sup>2</sup>	2.45	2.45	3.53	3.53	3.53
Connections <sup>3</sup>	4 ½ IF	4 ½ IF	6 ⅝ REG	6 ⅝ REG	7 ⅝ REG
PBL Cycles	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited

<sup>1</sup> Alternative Drift ID's available to accommodate drill pipe restrictions

<sup>2</sup> Full-bore Port TFA listed

<sup>3</sup> Alternative connection may be available



A COMPANY OF  
SCHOELLER-BLECKMANN

**DSI** A COMPANY OF  
**SCHOELLER-BLECKMANN**