

# SLIDING SLEEVE

## SXO SLIDING SLEEVE

SXO sliding sleeve is a downhole flow control device mounted in the production tubing. It effectively controls the flow between the tubing and the casing annulus by means of internal sleeve that is opened and closed by standard wireline methods.

## SXA SLIDING SLEEVE

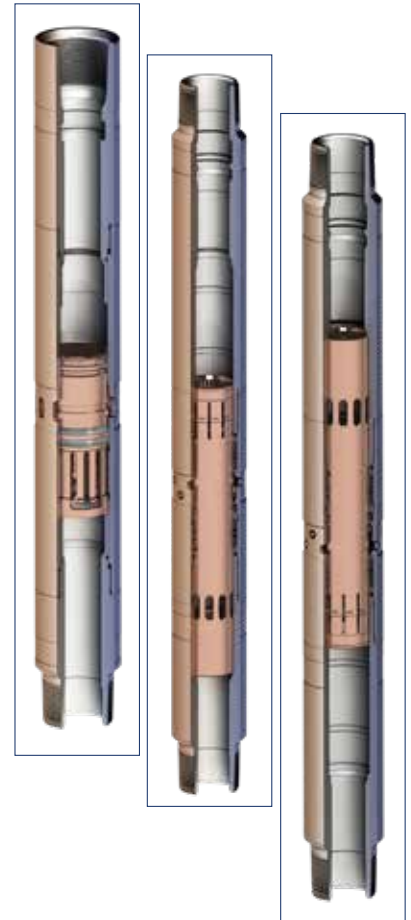
SXA sliding sleeve is a downhole flow control device as the “SXO” circulating sleeve. The difference is that the model “SB” shifting tool is used to open (jarring up) or close (jarring down) the “SXO” circulating sleeve.

## SXD SLIDING SLEEVE

SXD sliding sleeve is a downhole flow control device as the “SXO” circulating sleeve. The difference is that it has a larger communication port area than “SXO” circulating sleeve.

## SL SLIDING SLEEVE

“SL” sliding sleeve is a downhole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus.



## SPECIAL FEATURES

- Dependable, simple and quick
- Features a nipple profile above and a packing bore above and below the communication ports
- Can be closed without leaving any obstructions in the tubing once the shifting operation is completed
- The standard model “SB” shifting tool is used to open and close the sleeves SXO, SXA & SXD
- The Model “SD-2” shifting tool is used to open jarring down the SL sliding sleeve
- All premium threads available

SXA, SXO, SXD SSD					
TUBING OD		SEAL BORE		MAX OD	
in.	mm.	in.	mm.	in.	mm.
2 3/8	60.33	1.875	47.63	3.098	78.56
2 7/8	70.03	2.313	58.75	3.750	95.25
3 1/2	88.90	2.750	69.85	4.500	114.30
		2.812	71.42		

SL SSD											
TUBING SIZE	in.	2 3/8			2 7/8		3 1/2		4 1/2		
	mm.	6.33			70.03		88.90		114.30		
SEAL BORE	in.	1.781	1.812	1.875	2.250	2.313	2.750	2.812	3.688	3.750	3.812
	mm.	45.25	46.02	47.36	57.15	58.75	69.85	71.42	93.68	95.25	96.82