

PRODUCT OVERVIEW

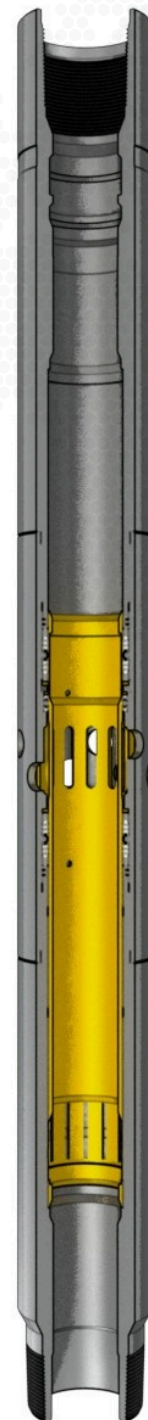
The GXO Sliding Sleeve is a communication device with a ported inner sleeve that can be opened or closed using a shifting tool by standard slickline or coiled tubing methods. Equalizing holes in the inner sleeve provide pressure equalization between the tubing and casing annulus as the sleeve is opened. The Sliding Sleeve is made up and forms part of the tubing string. The GXO Sliding Sleeve is a shift-down-to-open tool.

The GXO Sliding Sleeve uses common machined parts that allow the shift-open direction to be changed from up-to-open to down-to-open by simply substituting different end subs.

The GXO Sliding Sleeve is used to establish a means of communication between the tubing string and the casing annulus for single-tubing or multiple-tubing string completions. The GXO Sliding Sleeve may be used for directing flow from the casing to the tubing in alternate or selective completions. Other applications include killing a well, spot acidizing and fracturing or equalizing pressure between an isolated formation and the tubing string.

FEATURES & BENEFITS

- Compact and simple field proven design
- Cost effective
- Long operating life
- GX Selective Nipple Profile to land slickline tools. (Comparable to Halliburton's X® Landing Nipple Profile)
- Manufactured standard in 4140 18-22 Rc Alloy Steel with Viton elastomers for Standard and H2S Service



SPECIFICATIONS

Model GXO Sliding Sleeve										
*Seal Bore ID		Flow Area (Ports)		Flow Area (Min ID)		Max OD		Standard Thread Box x Pin	Shifting Tool	**Max Working Pressure (psi)
in.	mm	Sq. in.	Sq. cm	Sq. in.	Sq. cm	in.	mm			
1.250	31.50	0.245	1.58	1.227	7.91	2.054	52.17	1.660 IJ	1.250 "B"	9,000
1.500	37.80	0.919	5.93	1.768	11.41	2.375	60.33	1.900 NUE	1.500 "B"	
1.625	40.95	0.919	5.93	2.073	13.37	2.625	66.68	2-1/16 IJ	1.625 "B"	8,000
1.875	47.25	2.355	15.19	2.762	17.82	3.063	77.80	2-3/8" EUE	1.875 "B"	
2.312	58.26	3.974	25.64	4.199	27.09	3.668	93.17	2-7/8" EUE	2.312 "B"	9,000
2.750	69.30	7.212	46.53	5.940	38.32	4.281	108.74	3-1/2" EUE	2.750 "B"	
2.812	70.86	7.212	46.53	6.211	40.07	4.281	108.74	3-1/2" EUE	2.812 "B"	7,500
3.312	83.46	11.426	73.72	8.611	55.55	5.680	144.27	4-1/2" EUE	3.250 "B"	
3.812	96.06	11.426	73.72	11.413	73.63	5.680	144.27	4-1/2" EUE	3.812 "B"	6,500
4.312	108.66	10.598	68.37	14.596	94.17	6.400	162.56	5-1/2" BTC	4.312 "B"	
4.562	114.96	10.598	68.37	16.337	105.40	7.500	190.50	5-1/2" BTC	4.652 "B"	

*Seal Bore ID is also the Minimum ID of the Sliding Sleeve

**Flow Area thru ports is available equal to Min ID upon request

**High Pressure 10,000 psi options available

