

XA CIRCULATING SLEEVE

The “XA” Circulating Sleeve provides a convenient way to establish or shut off communication between the tubing and the annulus. Any number of these sleeves may be run in a tubing string, and any or all of them may be opened or closed in one run by standard wireline methods.

Design Features:

- Features a nipple profile above and a packing bore above and below the communication ports
- Ports can be closed without leaving any obstructions in the tubing, once the shifting operation is completed
- The Model “B” Shifting Tool is used to open (jarring up) or close (jarring down) the “XA” Circulating sleeve



SPECIFICATIONS

Part Number	Size	OD	Seal Bore	Pressure	Port Area	Thread
	in.	in.	in.	psi.	in ²	
D90-7187-401	2.375	3.063	1.875	7,000	1.804	2 3/8" EUE
D90-7231-401	2.875	3.668	2.313	7,000	2.405	2 7/8" EUE
D90-7275-401	3.500	4.275	2.750	7,000	4.454	3 1/2" EUE
D90-7281-401		4.290	2.813	7,000	4.454	