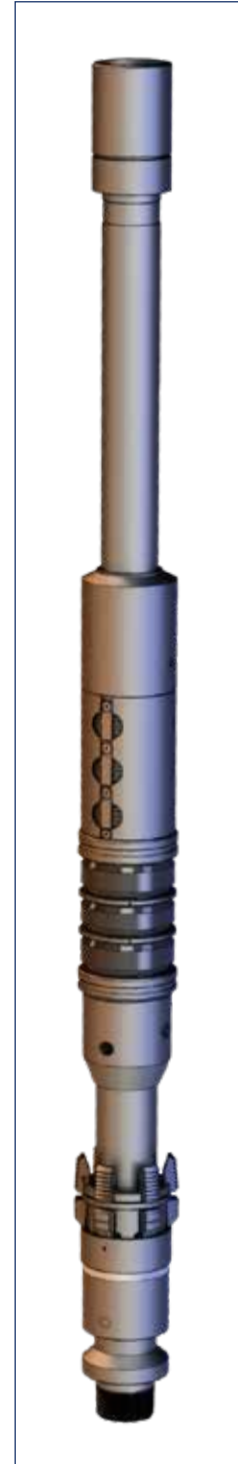


SH-R3D LARGE BORE DOUBLE GRIP RETRIEVABLE PACKER

Large Bore Model SH-R3D Double Grip Retrievable Casing Packers are used in production, stimulation and testing operations where maximum I.D. is required. Their hydraulic hold down is below the pressure equalization valve. They feature a proven three element packing system and a balance sleeve device to assist in keeping the by-pass closed. They are available for 5-1/2" through 7-5/8" casing.

SPECIAL FEATURES

- Different applications
- Hydraulic hold down button unit with large internal flow path located below the bypass valve to reduce element swabbing and button wicker dulling
- Surface controlled combination bypass and equalizing valve
- Tubing pressure actuated collet lock to eliminate excessive set down weight requirements
- Carbide rocker slips available
- Parts are interchangeable with other manufacturers
- Large bore



CASING		SETTING RANGE		SIZE	TOOL OD (IN.)	THREAD BOX X PIN
OD (in.)	Wt T & C (lbs/ft)	Min ID (in.)	Max ID (in.)			
5-1/2	20.0-23.0	4.625	4.777	45A2	4.500	2 7/8 EU 8RD
	17.0-20.0	4.778	4.892	45A4	4.641	
	13.0-15.5					
5-3/4	22.5	4.893	5.044	45B	4.781	
6	26.0					
6-5/8	20.0					
7	32.0-35.0	5.983	6.135	47A4	5.812	3 1/2 EU 8RD
6-5/8	17.0	6.136	6.276	47B2	5.968	
7	26.0-29.0					
	20.0-26.0					
	17.0-20.0	6.454	6.578	47C2	6.266	
7 5/8	33.7-39.0	6.579	6.797	47C4	6.453	
	24.0-29.7	6.798	7.025	47D2	6.672	
	20.0-24.0	7.025	7.125	47D4	6.812	