

RETRIEVABLE BRIDGE PLUG



RBP-SIX RETRIEVABLE BRIDGE PLUG

is a high-pressure packer type retrievable bridge plug used for multiple selective zones treating and testing operations like acidizing, fracturing, cementing, casing pressure test, well head testing.

The design of Bridge plug is based on the field proven SH-SIX packer. The Bridge Plug has a large internal by-pass to prevent swabbing when running and retrieving. The by-pass closes during the setting of the plug and opens prior to releasing the upper slips to equalize pressure when unsetting. The Model RBP-SIX also features an upper-slip releasing system that reduces the force required to release the packer. A non-directional slip is released first, making it easier to release the other slips .

SPECIAL FEATURES

- High pressure rating - Holds high pressure differentials from above or below.
- 1/4 turn set & release - Only one-quarter right rotation is required to set and release.
- Large Bypass - Bypass valve is below upper slips, so the debris is washed from slips when the valve is opened.
- Pressure equalizing before setting - The by-pass closes during the setting of the plug and opens prior to releasing the upper slips to equalize pressure when unsetting.
- Tubing string can be held in tension, compression, or neutral set while the packer remains engaged.
- Safety release feature - Optional safety-release features available upon request.



CASING		CASING ID'S		ABSOLUTE TRAVEL LIMITS				Tool OD (in)	Differential Pressure (psi)	Thread Pin Down
OD	T & C Weight (lbs./ft)	Min (in)	Max (in)	Slips		Drag Block				
				Min OD (in)	Max. OD (in)	Min.OD (in)	Max. OD (in)			
4 1/2"	9.5-13.5	3.920	4.090	3.650	4.170	3.750	4.250	3.750	10000	2 3/8" EU 8RD
	13.5-15.1	3.826	3.920			3.610	4.110			
5"	11.5-15.0	4.408	4.56	4.000	4.700	4.180	4.660	4.125		
5 1/2"	20.0-23.0	4.670	4.778	4.500	5.062	4.500	5.000	4.500		
7"	17.0-26.0	6.276	6.538	5.850	6.670	6.062	6.812	6.000		2 7/8" EU 8RD
	26.0-32.0	6.094	6.276			5.875	6.625	5.875		
9 5/8"	43.5-53.5	8.535	8.755	8.200	9.215	8.250	9.250	8.250	5000	3 1/2" EU 8RD
	32.3-43.5	8.755	9.001					8.500		
	47.0-53.5	8.535	8.681					8.250	7500	
	40.0-47.0	8.681	8.835					8.500		
10 3/4"	32.75-51.0	9.850	10.192	9.312	10.312	9.350	9.875	9.625	5000	
	51.0-65.7	9.560	9.850	9.312	10.312	9.350	9.875	9.375		
11 3/4"	42.0-71.0	10.586	11.084	10.350	11.187	10.375	11.200	10.375		
13 3/8"	54.5-77.0	12.275	12.615	11.968	12.700	12.250	12.750	12.000		

SETTING FORCE GUIDE	
Packer Size (in)	Minimum Force Required Packer (lbs.)
4 1/2" ~ 5 1/2"	10,000
7"	15,000
9 5/8"	25,000
10 3/4" & 11 3/4"	27,000
13 3/8"	27,000

CLASSIFICATION	TEMP. RANGE (DEG. F)	Element Durometer		
Standard Temp.	60-125	80	60	80
	125-225	90	70	90
Moderate Temp.	225-275	90	80	90
High Temp.	300 & Up	CONTACT TECH. SALES		