

## MECHANICAL FLUID CONTROL VALVE

### PRODUCT 10-308

The **TechWest Mechanical Fluid Control Valve** is a tubing actuated valve used to provide surface control of fluid injected into the perforation during selective service operations on low pressure reservoirs.

When used in conjunction with selective stimulation tools, it provides a simple, reliable method of holding the tubing full of fluid. This ensures accurate control over the quantity of fluid injected at each setting of the Straddle Packer/Cup Assembly.

#### OPERATION

The Valve is installed in the tubing string immediately above the Straddle Packer Assembly, and below the Circulating Valve.

Once the Straddle Packer has been un-jayed and is ready for setting, the Fluid Control Valve will automatically open whenever tubing weight is slacked off onto the Straddle Packer.

When tubing weight is removed to move the Straddle Packer Assembly to the next setting the valve automatically closes.

#### SPECIFICATIONS

10-308 SPECIFICATION GUIDE					
Product Number	Tool OD mm / in	Mandrel ID mm / in	Standard Thread	Length	
				Closed (m)	Open (m)
10-308-0200	95.3 3.75	44.45 1.75	2 3/8 EUE	0.99	0.92
10-308-0250	114.3 4.5	62.00 2.44	2 7/8 EUE	1.10	1.03
10-308-0350	136.53 5.375	66.68 2.625	3 1/2 EUE	1.14	1.07
10-308-0450	155.58 6.125	66.68 2.625	4 1/2 IF	1.22	1.16

