



WIRELINE RETRIEVABLE SUPER FLOW ORIFICE VALVE

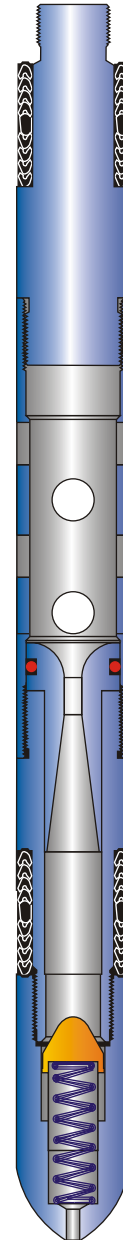
DESCRIPTION

Parveen 1" & 1- 1/2" OD wireline retrievable injection gas lift super flow orifice valves are used for continuous flow application. These are designed for circulating operations and provide a means of flow from casing to annulus through orifice and then into the tubing.

Parveen super flow orifice valve achieve maximum flow with less pressure drop w.r.t conventional orifice valves. The injection rate from new orifice valve is almost constant because the valve operates in maximum flow mode. Therefore the injection volume does not depend upon tubing pressure. In comparison with this feature, the injection volume thru conventional orifice valve is unstable be cause of the tubing pressure effect.

OPERATION

Super flow orifice valve utilizes an orifice venturi as well as a back check valve for continuous flow operations. Injection fluid enter through the entry ports and then flow through orifice venturi. Injection pressure moves the back check valve off the seat & thus all owing fluids to enter into the tubing. Reverse flow pushes the check valve on seat to prevent flow into the casing.



**RETRIEVABLE SUPER FLOW
ORIFICE VALVE**

ENGINEERING DATA FOR RETRIEVABLE SUPER FLOW ORIFICE VALVE										
Type	Assy. Number	Nominal O.D. (Inch)	Packing O.D. (Inch)		Port Size (Inch)		Latch or End Conn.	Running Tool Type	Pulling Tool Type	Mandrel Type
			Upper	Lower	Min.	Max.				
NOM 14R	N150-04	1	1-1/32	1-1/32	1/8	5/16	BK-2,M	MR	MP	TMP
NO 20R	N150-12	1-1/2	1-9/16	1-1/2	1/8	51/64	TG,RK,RM	RTG, TER	PTG, TRP	TP