



## PDO-5 GAS LIFT ORIFICE VALVE

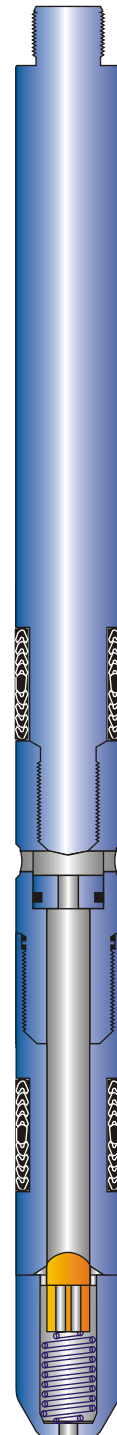
### DESCRIPTION

The PARVEEN (Model PDO-5) 1.1/2" O.D. retrievable single point injection gas lift orifice valves are used for continuous tubing flow gas lift installations. It is used to control the flow of gas between the casing/tubing annulus and the tubing at valve depth. The valve has a check dart controlled by a spring which does not allow the backflow of gas or well fluids.

An integral floating choke controls the flow of gas through this valve (which is open normally) into the production conduit. This valve is available from 3/16" to 3/4" port sizes in 1/16" increments.

This valve design utilizes an orifice (choke) as well as a backcheck valve for continuous flow operations. Injection fluid or gas enters through the entry ports and through an orifice. Injection pressure moves the back check valve off seat allowing the gas or fluids to enter into the tubing. Reverse flow pushes the check valve on seat to prevent flow into the casing.

ENGINEERING DATA FOR PDO-5 GAS LIFT ORIFICE VALVE.								
Type	Assly Number.	Nominal O.D. (Inch)	Latch	Running Tool		Pulling Tool		Mandrel Series.
				Type	Assly No.	Type	Assly No.	
PDO-05	150-30 XX-XXX -01	1.1/2	R, RA, RK.	RTG TER	16927 11730	PTG TRP	17048 11390	TP, MMA, MMG.



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ORIFICE VALVE**