

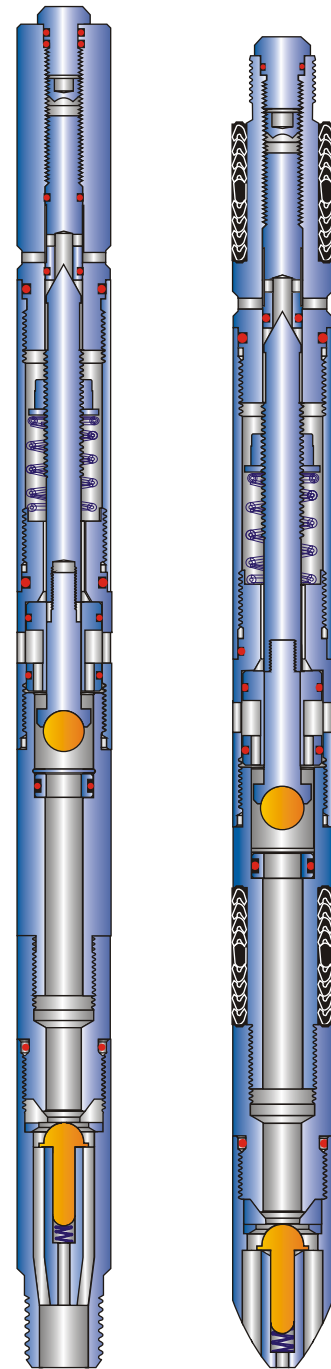
DIFFERENTIAL VALVE

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This valve is used as the bleed valve in chamber lift installation for bleeding the tail chamber gas from the chamber, which allows for the formation to refill the chamber. The valve is normally open and closes when differential pressure closes against the calibrated spring.

FUNCTION

When chamber is empty, there is a reduction in chamber pressure. Due to this differential, valve opens which allows the passage of gas from the top of chamber and prevents trapping of gas in top of the chamber. When gas pressure on the top of the liquid in the chamber increases, the spring compresses & valve closes.



PDV

PDV-R

ENGINEERING DATA FOR DIFFERENTIAL VALVE								
Type	Assy. Number	Nominal O.D. (Inch)	Packing O.D. (Inch)		Latch or End Conn.	Running Tool Type	Pulling Tool Type	Mandrel Type
			Upper	Lower				
PDV	160-1024-320-00	1	1-1/32	1-1/32	-	-	-	Series -12
PDV-R	160-1024-320-01	1	1-1/32	1-1/32	BK-2, M	MR	MP	TMP