

SKINNER 7000 Series Remote Pressure Operated Two-Way Remote Operated Valves

SPECIFICATIONS

Mechanical Characteristics

Standard Materials of Construction

- Body—Brass
- Seals—NBR
- Springs—Stainless Steel (18-8)
- Pilot Orifice—Stainless Steel (303)

Compatible Fluids

- Lubricated Air, Non-Lubricated Air, Inert Gases, Water, Hydraulic Fluids, Petroleum Products and additional fluids compatible with materials of construction.

Maximum Operating Pressure Differential

- 190 PSI

Cv Factor

- 2.4 to 11.0

Pipe Sizes

- 3/8" TO 1" NPT

REMOTE PRESSURE OPERATED VALVES—DUAL PURPOSE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Pressure Vessel Catalog Number	Const. Ref.
3/8"	1/2	2.4	75232BN3SN00	26
1/2"	1/2	2.8	75232BN4TN00	26
3/4"	3/4	7.3	75232BN52N00	26
1"	1	11.0	75232BN63N00	26

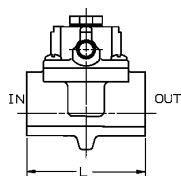
TWO-WAY REMOTE OPERATED VALVE PORT CONNECTIONS

Valve Type	Main Line Supply	Remote Control Valve Hookup			3-Way Pilot Valve Hookup		
		IN Port	Out Port	Pilot Inlet Port* 1/8" NPT	Normally Closed Port	Normally Open Port	Common Port
Normally Open	0-190 PSIG	IN	Out	Common Port of 3- Way Pilot Valve	Main Line Pressure + 10 PSI Minimum	Pilot Exhaust	Pilot IN Port (1/8" NPT) of Remote Control Valve
Normally Open	Vacuum	Non-Vacuum Pump	Vacuum Pump		Main Line Pressure + 10 PSI Minimum	Vacuum	
Normally Closed	0-190 PSIG	IN	Out		Pilot Exhaust	Main Line Pressure + 10 PSI Minimum	
Normally Closed	Vacuum	Non-Vacuum Pump	Non-Vacuum Pump		Vacuum	Main Line Pressure + 10 PSI Minimum	

* To assure long, trouble free life, the Pilot IN to main pressure differential should not exceed 200 PSIG.

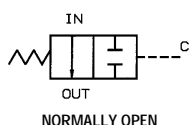
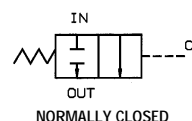
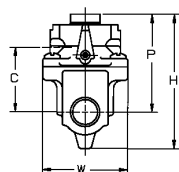
NOTE: In de-energized state, valve in normally open position.

DRAWINGS



Valve	Dimension						Port Identification	
	H	P	C	L	W		IN	OUT
75232BN3SN00	3.17	2.35	1.51	2.75	1.97		IN	OUT
75232BN4TN00	3.17	2.35	1.51	2.75	1.97		IN	OUT
75232BN52N00	4.31	3.12	2.28	3.62	3.09		IN	OUT
75232BN63N00	4.73	3.40	2.56	4.31	3.45		P	A

Valve can be normally closed or normally open, depending on piping of external pilot.



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