SKINNER 7000 Series **Remote Pressure Operated Three-Way Remote Operated Valves**

SPECIFICATIONS

Mechanical Characteristics

Standard Materials of Construction

- Body–Brass
- Diaphragm Seal–NBR/PTFE
- 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.

REMOTE PRESSURE OPERATED VALVES–DUAL PURPOSE

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Cv Factor NC	Cv Factor NO	Pressure Vessel Catalog Number	Const. Ref.
3/8"	3/8	3/8	2.1	2.1	75332BN3RN00	47
1/2"	1/2	1/2	3.6	3.6	75332BN4UN00	47
3/4"	3/4	3/4	7.3	7.3	75332BN52N00	48

Note that these valves do not feature an electrical operator, therefore no enclosure and coil selection is necessary.

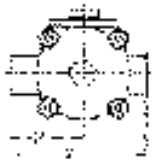
REMOTE OPERATED VALVE PORT CONNECTIONS

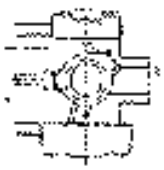
Valve Type	Main Line Supply	Connections For Remote Valve				3-Way Pilot Valve Hookup		
		Normally Closed Port	Normally Open Port	Common Port	Pilot Inlet Port* 1/8" NPT	Normally Closed Port	Normally Open Port	Common Port
Normally Open	0-180 PSIG	Media Exhaust	Media Inlet	Cylinder	Connect to Common Port of 3-Way Pilot	Main Line Pressure +10 PSI Minimum	Pilot Exhaust	1/8" NPT Pilot of Remote Control Valve
	Vacuum	Atmosphere	Vacuum	Cylinder		10 PSI Minimum	Vacuum	
Normally Closed	0-180 PSIG	Media Inlet	Media Exhaust	Cylinder		Main Line Pressure +10 PSI Minimum	Pilot Exhaust	
	Vacuum	Vacuum	Atmosphere	Cylinder		10 PSI Minimum	Vacuum	
Directional Control	0-180 PSIG	Media Outlet	Media Outlet	Media Inlet		Main Line Pressure +10 PSI Minimum	Pilot Exhaust	
	Vacuum	Inlet	Inlet	Vacuum		10 PSIG Minimum	Vacuum	

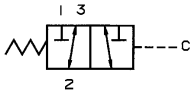
** To assure long, trouble free life, the Pilot IN to main pressure should not exceed 200 PSIG.*

DRAWINGS

Valve	Dimension H	P	L	W	S	T	R	J	K
75332BN3RN00	2.43	1.49	2.97	2.62	0.65	0.59	1.44	1.22	0.91
75332BN4UN00	2.67	1.61	3.38	3.09	0.78	0.69	1.66	1.41	1.06

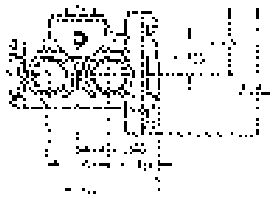


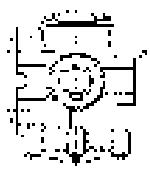


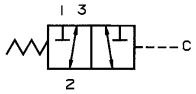


#47

Port Identification:
Pressure can be applied at either port.







#48

Port Identification:
Pressure can be applied at either port.