

SKINNER 7000 Series General Purpose Four-Way Pilot Operated Valves

SPECIFICATIONS

Mechanical Characteristics

Standard Materials of Construction

- Body—Aluminum Alloy, Zinc Alloy (epoxy coated)
- Seals—NBR
- Sleeve Tube—Stainless Steel (303)
- Plunger—Stainless Steel (430FR)
- Stop—Stainless Steel (430FR)
- Springs—Stainless Steel (18-8)
- Shading Rings—Copper
- Pilot Orifice—Stainless Steel (303)

Compatible Fluids

- Lubricated Air, Non-Lubricated Air, Inert Gases.
- Use of non-lubricated gaseous media will substantially limit valve life.

Electrical Characteristics

Voltages

- DC—12, 24
- AC—24/60, 110/50-120/60, 208/60, 220/50-240/60, 440/50-480/60 (other AC/DC voltages available upon request)

Agency Approval

- UL and CSA approvals are available on valves with applicable coil/enclosure combinations. For additional information see page 136.

Miscellaneous

Maximum Ambient Temperature

- 10 watt AC/DC—150°F
- 22 watt AC/DC—77°F
- Fluxtron/Magnetlatch—122°F

7341 PILOT OPERATED VALVES—NBR SEALS

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				MAX. Fluid Temp. (F)	Pressure Vessel Number	UL/CSA* Approval	Const. Ref.	
			Min.	Maximum							
				AC Ratings		DC Ratings					
				10 watt	22 watt	10 watt					22 watt
1/8"	5/32	0.35	15	150		150	165	7341LAN1HNMO	GP	54	
1/4"	5/16	1.4	15	150		150	165	7341LMN2NNMO	GP	55	

* GP=General Purpose Valves. See page 136 for additional agency approval information.

DRAWINGS

Port Identification:

Pressure	Cyl. A	Exh. A	Cyl. B	Exh. B
1	2	3	4	5

#54

Port Identification:

Pressure	Cyl. A	Exh. A	Cyl. B	Exh. B
1	2	3	4	5

#55