

# SKINNER A2 Series Low Pressure and Vacuum Two-Way Direct Acting Valves

## SPECIFICATIONS

### Mechanical Characteristics

#### Standard Materials of Construction

- Body—Brass
- Seals—NBR, FKM
- Sleeve—Stainless Steel (304)
- Plunger—Stainless Steel (430FR)
- Stop—Stainless Steel (430FR)
- Springs—Stainless Steel (18-8)
- Shading Ring—Copper
- Orifice—Brass

#### Compatible Fluids

- Lubricated Air, Non-Lubricated Air, Inert Gases, Oils and additional fluids compatible with materials of construction.

### Electrical Characteristics

#### Voltages

- DC—12, 24, 120
- AC—24/60, 120/60, 240/60 (other voltages available upon request)

#### Power Consumption

- 18 watts

### Miscellaneous

#### Vacuum

- Down to 5 microns (0.005 torr, 2x10<sup>-4</sup> in Hg)

#### Operating Speed

- Up to 300 cycles per minute.

#### Response Time

- Approximately 7 to 12 milliseconds to open, 15 to 26 milliseconds to close (air only).

### Standard Valve Construction

#### Coil Type

- Class B molded leaded

#### Enclosure Type

- Die-cast zinc coil enclosure with 1/2" NPT conduit connection.

## BRASS VALVE – NORMALLY CLOSED

NPT Pipe Size	Orifice Diameter	Cv Factor	Maximum Operating Pressure Differential (PSI)		Class B Molded 1/2" NPT Conduit	Const. Ref.
			AC	DC		
1/2"	1/2	2.7	15		A2LB4017	35
	1/2	2.7		5	A26LB4006	35

