



NORGREN EXCELON[®] SMOOTH START/ EXHAUST VALVES

P72F-2AC-PFA Series Starts at £141



- In-Line or Modular Installation
- Controls Increase of Downstream Pressure on Start Up. Cylinders and Other Air Operated Devices are Eased Into Normal Operating Positions, Reducing the Possibility of Equipment Damage and Hazards to the User
- Blocks Inlet Air and Exhausts Downstream Air When Pilot Signal is Removed or When the Optional Manual Lockout Slide is Closed
- Optional Manual Slide Can be Padlocked in Closed Position
- Solenoid Pilot or Air Pilot Operation
- Designed Primarily for Use in Start-Up and Shutdown of Equipment

P74F-2AA-NNN, £208, shown smaller than actual size.



Elastomers: Synthetic materials
Filter Discs: Sintered plastic
Internal Components: Brass/steel
**Air supply must be dry enough to avoid ice formation at temperatures below 2°C (35°F).*

SPECIFICATIONS

Fluid: Compressed air

Maximum Pressure Solenoid

Operated: Depending on solenoid rating [must not exceed 17 bar (250 psig)]

Maximum Pressure Pilot

Operated: 17 bar (250 psig)

Minimum Operating Pressure:

3 bar (44 psig)

Operating Temperature Solenoid

Operated: Dependent on solenoid rating [must be within range -20 to 65°C (0 to 150°F)](72) [must be within range -20 to 80°C (0 to 175°F)](74)

Operating Temperature Pilot

Operated, 72*: -20 to 65°C

(0 to 150°F)

74: -20 to 80°C (0 to 175°F)

MATERIALS

Body:

72: Zinc alloy

74: Aluminum

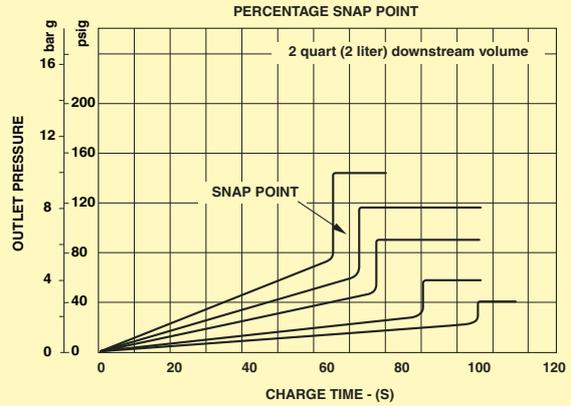
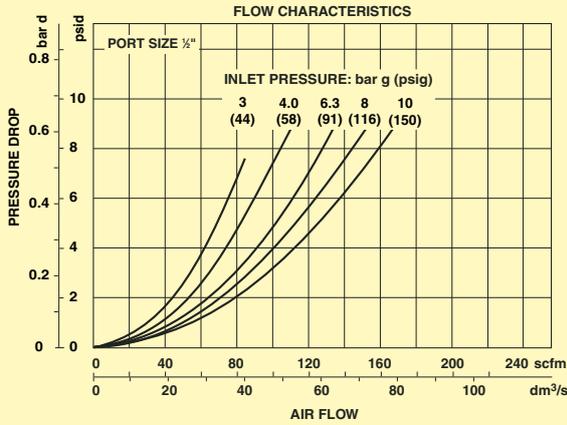
OPTIONS SELECTOR

P7 □ F- □ □ □ □ □ □

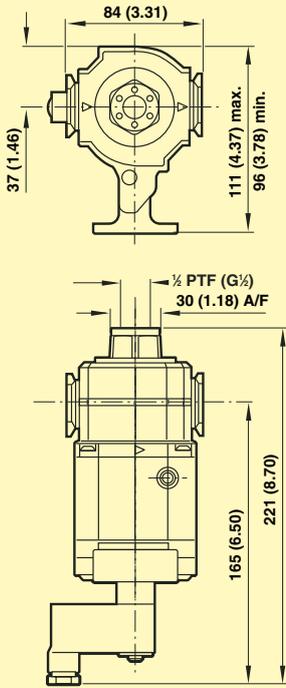
Series	Substitute	Connectors	Substitute
72	2	3 pin plug with cable gland, no indicator light	A
74	4	Without	N
Port size	Substitute	Nominal	
¼" (72)	2	Coil Voltage	Power Rating
⅜"	3	24 Vdc	2 W
½" (74)	4	110/120V	4/2.5 VA, 50/60 Hz
¾" (74)	6	No solenoid	N
Threads	Substitute	Solenoid manual operator	
PTF	A	Shrouded pushbutton	P
ISO G parallel	G	None	N
Operator	Substitute		
Air pilot	A		
Air pilot with manual lockout slide (74)	B		
22 mm miniature solenoid	C		
22 mm miniature solenoid with manual lockout slide (74)	D		



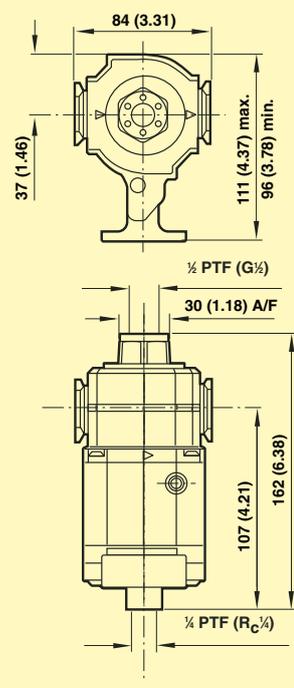
TYPICAL PERFORMANCE CHARACTERISTICS



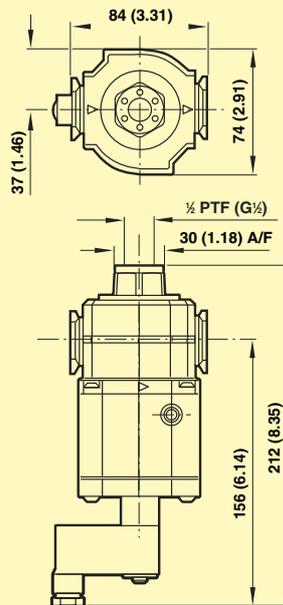
Solenoid operated plus manual shut-off with lockout



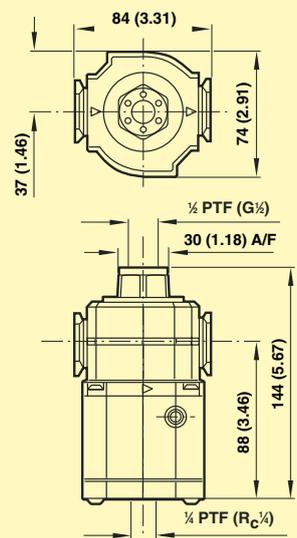
Air pilot operated plus manual shut-off with lockout



Solenoid operated



Air pilot operated



Dimensions: mm (in)

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	PORT SIZE (in)	OPERATION TYPE*	WEIGHT kg (lb)
P72F-2AC-PFA	£141	1/4	Solenoid	0.91 (2.0)
P72F-3AC-PFA	141	3/8	Solenoid	0.90 (1.98)
P74F-3AC-PFA	208	3/8	Solenoid	1.08 (2.4)
P74F-4AC-PFA	208	1/2	Solenoid	1.05 (2.3)
P72F-2AA-NNN	119	1/4	Air pilot	0.88 (1.93)
P72F-3AA-NNN	120	3/8	Air pilot	0.87 (1.91)
P74F-3AA-NNN	186	3/8	Air pilot	1.05 (2.3)
P74F-4AA-NNN	186	1/2	Air pilot	1.02 (2.2)

* Solenoid operated models are supplied with 0.87", 24 Vdc 2 wire coil and connector plug without indicator light plugs. To select alternative voltages and other applications refer to the options selector. For connector plugs, see accessories page C-108.
Ordering Example: P72F-2AC-PFA, smooth start/exhaust valve, 1/4" PTF port, 0.87" miniature solenoid, shrouded pushbutton, 24 Vdc coil voltage, £141. **P72F-2AA-NNN**, smooth start/exhaust valve, 1/4" PTF port, air pilot, £119.



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