

Features

- * Direct acting.
- * Quick response.
- * Stainless steel stem provides exceptional durability.
- * Flange type is available for JIS 10K, ANSI 150LB and PN16.
- * Ex-proof coil T4 as optional accessory.
- * Timer for setting on/off time as optional accessory.



How to order

PU220	A	V	F	-	03	N	-	S	1	LED	E
Brass 2/2 way direct acting	Series	Diaphragm	Flange type	Port size	Thread	Solenoid	Voltage	LED	Ex-proof coil		
	Blank	NBR	F	10K	03	3/8"	Blank	PS	1	110VAC	Blank
	V	VITON	F3	150LB	04	1/2"	N	NPT	2	220VAC	W/O LED
	E	EPDM	F4	PN16 only for A series	06	3/4"			9	24VDC	
					08	1"					

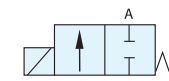
Specifications

Model	PU220A-03	PU220A-04	PU220A-06	PU220A-08
Port size	3 / 8 "	1 / 2 "	3 / 4 "	1 "
Fluid	Compressed air (light oil, water)			
Orifice	13mm	13mm	20mm	25mm
Sectional area	76mm ²	76mm ²	162mm ²	220mm ²
Acting	Direct acting			
Construction	Diaphragm			
Operating pressure range AC	0 ~ 7 kgf/cm ²			
Operating pressure range DC	0 ~ 6 kgf/cm ²		0 ~ 5 kgf/cm ²	
Max. operating pressure	10 kgf/cm ²			
Body material	Die-cast Brass			
Fluid temperature	-10℃ ~ 90℃			
Ambient temperature	-10℃ ~ 60℃			
Installation	Horizontal			
Duty cycle	100% ED			
Coil type	DIN			
Protection class	IP65 (DIN 40 050)			
Insulation class	F			
Voltage tolerance	±10%			
Standard voltage	220VAC, 110VAC, 24VDC The other voltage is optional			
Power consumption	AC110V:17.6VA, AC220V:18.1VA, DC: 15W			
Net weight	740g	740g	945g	1485g

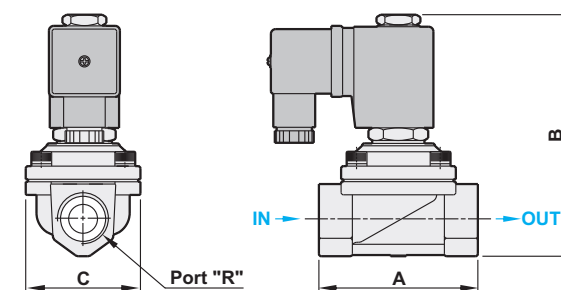
Seal material selection guide

Seal	Temperature range	Suitable fluid	Unsuitable fluid
NBR	-15°C ~ 80°C	Air, Water, Neutral gases, Mineral oil	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel
VITON	-10°C ~ 130°C	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel	Hot water, Steam, Brake oil (ATE Blue)
EPDM	-5°C ~ 160°C	Hot water, Detergent liquid	Mineral oil, Gasoline

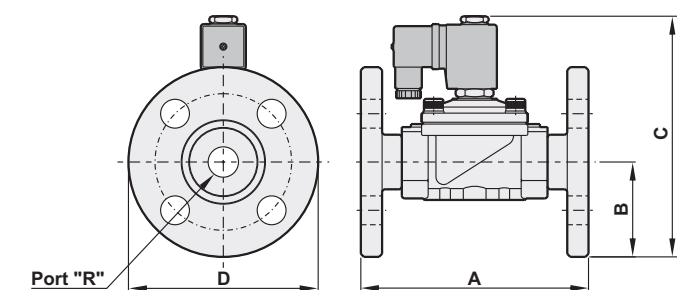
Dimensions



PU220A-03, 04, 06, 08 Standard type



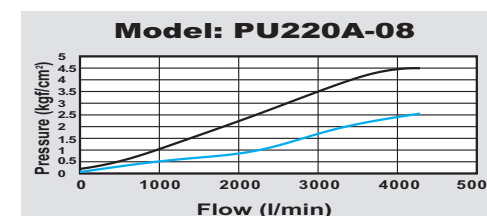
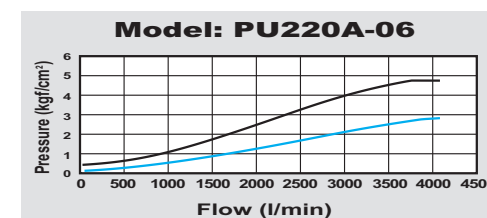
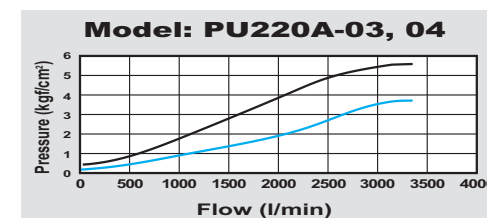
PU220A-03, 04, 06, 08 Flange type (10K)



Model	PU220A-03	PU220A-04	PU220A-06	PU220A-08
R	3/8"	1/2"	3/4"	1"
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0

Model	PU220AF-03	PU220AF-04	PU220AF-06	PU220AF-08
R	3/8"	1/2"	3/4"	1"
A	110.0	110.0	120.0	150.0
B	45.0	47.5	50.0	62.5
C	130.5	133.0	138.5	158.5
D	90.0	95.0	100.0	125.0

Flow chart



Explosion

