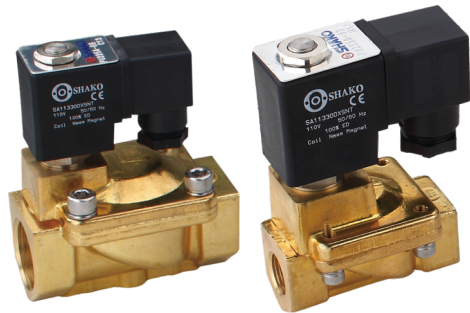


■ Features

1. Pilot acting for low starting pressure.
2. Large flow rate and high working pressure.
3. Quick response.
4. Stainless steel stem provides exceptional durability.
5. Flange type is available for JIS 10K, ANSI 150LB and PN16.
6. Ex-proof coil T4 as optional accessory, please refer to page 5-9.
7. Timer for setting on/off time as optional accessory.
8. CE conformity.
9. Coil nut is available, please refer to page 5-3.



■ How to order

PU225A	N	V	F	—	03	N	—	S1	L	E
Pilot Acting	Acting style	Diaphragm	Flange type	Port size	Thread	Voltage	Led	Ex-Proof coil		
	Blank : Normally closed N : Normally open	Blank : NBR V : VITON E : EPDM H : HNBR	Blank : W/O Flange F : 10K F3 : 150LB F4 : PN16	03 : 3/8" 04 : 1/2" 06 : 3/4" 08 : 1" 12 : 1 1/4" 14 : 1 1/2" 20 : 2"	Blank : G N : NPT R : Rc	S1 : 110VAC S2 : 220VAC S6 : 24VAC S7 : 12VDC S9 : 24VDC	Blank : W/O LED L : W/I LED	Blank : Standard E : Ex-proof coil		

■ How to order Repair kit

ZGPU225A	—	03	N
Repair kit	Port size	Diaphragm	
ZGPU225A (Normally closed)	03 : 3/8", 1/2"	N : NBR	
ZGPU225AN (Normally open)	06 : 3/4", 1" 12 : 1-1/4", 1-1/2" 20 : 2"	V : VITON E : EPDM H : HNBR	

Description	Qty.
Plunger	1
Spring	2
Diaphragm	1

■ Specifications

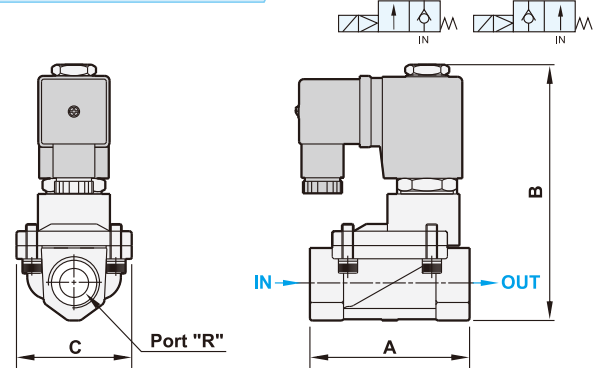
Model	PU225A-03	PU225A-04	PU225A-06	PU225A-08	PU225A-12	PU225A-14	PU225A-20
Port size	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Fluid	Compressed air (light oil, water)						
Orifice	Ø13mm		Ø25mm		Ø38mm		Ø50mm
Effective area	88mm ²		230mm ²		404mm ²	552mm ²	883mm ²
Acting	Pilot acting						
Construction	Diaphragm						
Operating pressure range	0.5 ~ 10kgf/cm ² (0.5 ~ 10.0Bar)						
Proof pressure	15 kgf/cm ² (15.0Bar)						
Body / Flange material	Forged Brass / Steel SS41						
Fluid temperature	-10°C ~ 90°C						
Ambient temperature	-10°C ~ 60°C						
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	Normally closed AC110V : 17.6VA, AC220V : 18.1VA, DC : 15W ; Normally open AC : 17.8VA, DC : 15W						
Net weight	775g		1550g		2820g		4665g

■ Seal material selection guide

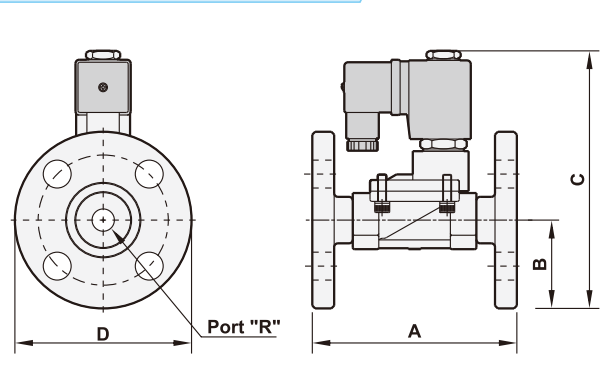
Seal	Temperature range	Suitable fluid	Unsuitable fluid
NBR	-15°C ~ 80°C	Air, Water, Neutral gases, Mineral oil	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel
HNBR	-40°C ~ 150°C	Air, Water, Gear oil, Engine oil	Pharmaceutical liquid, Gasoline and Hi-test gasoline, Light oil
VITON	-10°C ~ 180°C	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel	Hot water, Steam, Brake oil (ATE Blue)
EPDM	-5°C ~ 130°C	Hot water, Detergent liquid	Mineral oil, Gasoline

■ Dimensions

PU225A Standard type



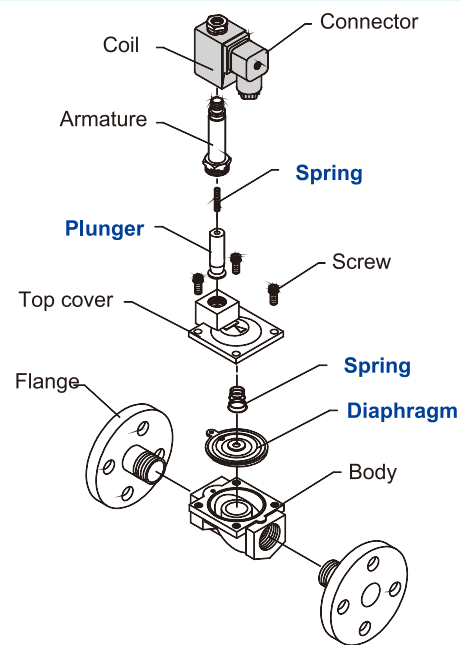
PU225A Standard type (10K)



Model	R	A	B	C
PU225A-03	3/8"	66.5	106.5	48.5
PU225A-04	1/2"	66.5	106.5	48
PU225A-06	3/4"	96	126	70.7
PU225A-08	1"	96	126	70.7
PU225A-12	1 1/4"	131.5	145.5	96
PU225A-14	1 1/2"	131.5	145.5	96
PU225A-20	2"	160	160	112

Model	R	A	B	C	D
PU225AF-03	3/8"	110	45	136	90
PU225AF-04	1/2"	110	47.5	138.5	95
PU225AF-06	3/4"	145	50	153	100
PU225AF-08	1"	150	62.5	165.5	125
PU225AF-12	1 1/4"	180	67.5	173	135
PU225AF-14	1 1/2"	180	70	182.5	140
PU225AF-20	2"	210	77.5	210	155

■ Explosion



■ Flow chart

