

■ Features

1. Quick response.
2. Stainless steel stem provides exceptional durability.
3. Flange type is available for JIS 10K, ANSI 150LB and PN16.
4. Ex-proof coil T4 as optional accessory, please refer to page 5-9.
5. Timer for setting on/off time as optional accessory.
6. CE and EX-proof certified.
7. Coil nut is available, please refer to page 5-3.



■ How to order

SPU220A	N	E	F	—	O3	N — S1	L	E
Stainless steel Assisted Lift	Acting style	Diaphragm	Flange type	Port size	Thread	Voltage	Led	Ex-Proof coil
	Blank :Normally closed N:Normally open	Blank :VITON E:EPDM B:NBR H:HNBR	Blank :W/O Flange F :10K F3 :150LB F4 :PN16 only far A series	03 :3/8" 04 :1/2" 06 :3/4" 08 :1"	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

ZGPU220A	—	03	N
Repair kit		Port size	Diaphragm
ZGPU220A (Normally closed)		03:3/8", 1/2"	N:NBR
ZGPU220AN (Normally open)		06:3/4"	V:VITON
		08:1"	E:EPDM
			H:HNBR

Description	Qty.
Diaphragm set	1
Spring	1
Packing	1

■ Specifications

Model	SPU220A-03	SPU220A-04	SPU220A-06	SPU220A-08
Port size	3/8"	1/2"	3/4"	1"
Fluid	Compressed air (light oil, water)			
Orifice	Ø13mm		Ø20mm	Ø25mm
Effective area	76mm²		162mm²	220mm²
Acting	Assisted Lift			
Construction	Diaphragm			
Operating pressure range AC	0 ~ 7 kgf/cm²			
Operating pressure range DC	0 ~ 6 kgf/cm²		0 ~ 5 kgf/cm²	
Proof pressure	10 kgf/cm²			
Body material / Flange material	Stainless steel SUS316 / SUS316,SUS304			
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 (DC: 18.5W option)			
Net weight	725g	715g	920g	1250g

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

SPU220A Standard type

(mm)

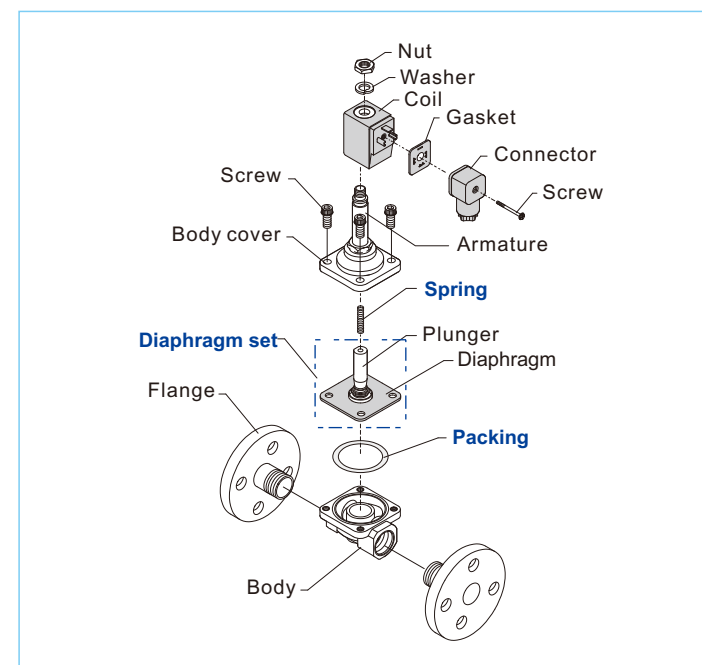
Model	SPU220A-03/04	SPU220A-06	SPU220A-08
R	3/8" 1/2"	3/4"	1"
A	66.5	71	100
B	101	107	120
C	48	58	75

SPU220A Standard type (10K)

(mm)

Model	SPU220AF-03/04	SPU220AF-06	SPU220AF-08
R	3/8" 1/2"	3/4"	1"
A	110	120	150
B	47.5	50	62.5
C	133	138.5	158.5
D	95	100	125

■ Explosion



■ Flow chart

