# High Pressure 2/2 Way Solenoid Valve



Brass Series, Pilot Acting

#### ■ Features

- 1. Pilot acting for low starting pressure.
- 2. Large flow rate and high working pressure.
- 3. Quick response.
- Guick response.
   Stainless steel stem provides exceptional durability.
   Ex-proof coil T4 as optional accessory. please refer to page 5-9.
   Timer for setting on/off time as optional accessory.
- 7. Coil nut is available, please refer to page 5-3.

#### ■ How to order



PU225H	N	V	F -	03	N -	S1	L	E
	Acting style	Diaphragm	Flange type	Port size	Thread	Voltage	Led	Ex-Proof coil
25 bar high pressure Pilot act <sup>in</sup> g	Blank :Normally closed N :Normally open		Blank :W/O Flange F :10K F3:150LB F4:PN16	03:3/8" 04:1/2" 06:3/4" 08:1"				Blank : Standard E : EX-proof coil

#### \* Please contact our sales for more details.

### How to order Repair kit

ZGPU225H —	03	N	
Repair kit	Port size	Diaphragm	
ZGPU225H (Normally closed) ZGPU225HN (Normally open)	03 :3/8", 1/2" 06 :3/4", 1"	N:NBR V:VITON E:EPDM H:HNBR	

Description	Qty.
Spring	1
O-ring	1
Diaphragm	1
Plunger	1

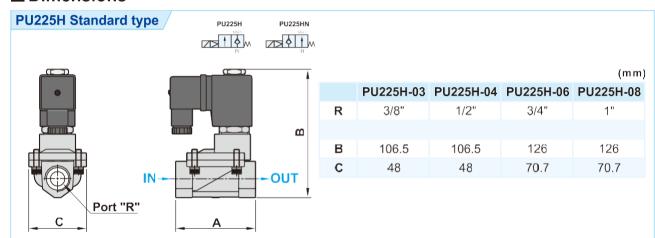
# ■ Specifications

Model	PU225H-03	PU225H-04	PU225H-06	PU225H-08	
Port size	3/8"	1/2"	3/4"	1"	
Fluid	Compressed air, water				
Orifice	8m	nm	13mm		
CV value	2	2	4.5		
Effective area	35n	n <b>m</b> ²	88mm²		
Acting	Pilot acting				
Construction	Diaphragm				
Operating pressure range	$0.5\sim25~ ext{kgf/cm}^2~(0.5\sim25 ext{Bar})$				
Proof pressure	30 kgf/cm² (30Bar)				
Body / Flange material	Forged Brass / Steel SS41				
Piston ring	SUS 304				
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				
· ·	For normal close AC110V:17.6VA, AC220C:18.1VA, DC: 15W; For normal close AC:17.8VA, DC:15.W				
Net weight	775g	755g	1550g	<b>1</b> 500g	

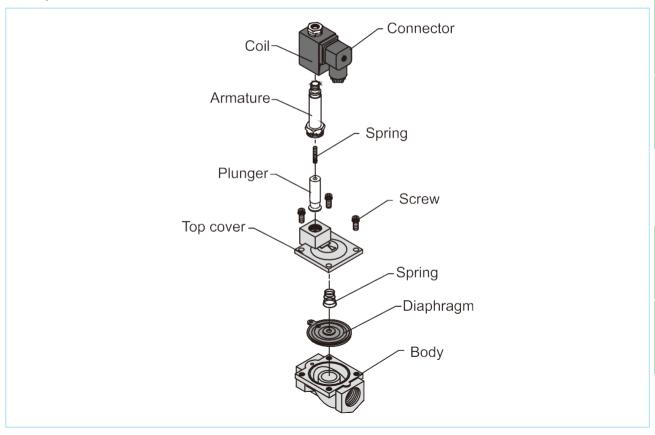
### ■ Seal material selection guide

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℃ ~ 150℃	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)
<b>EPDM</b>	-5℃ ~ 130℃	Hot water, Detergent liquid	Mineral oil, Gasoline

#### ■ Dimensions



## **■** Explosion



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