

PBU SERIES
HIGH PRESSURE PILOT OPERATED
DIAPHRAGM TYPE SOLENOID VALVE (NC)

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA

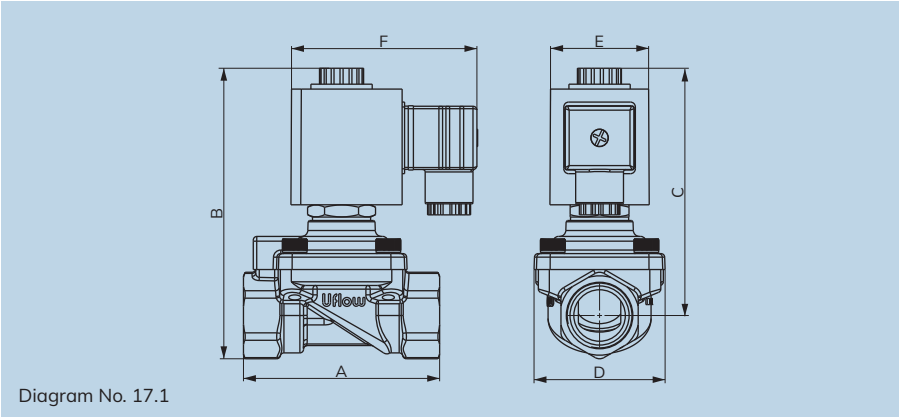
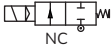


Diagram No. 17.1



Specifications

Port :	¾" & ½" (Available BSP / NPT)		
End Connection :	Screwed		
Body Material :	Forged Brass		
Diaphragm :	PUR		
Media Temp :	-10°C to 50°C		
Circumstance Temp :	-10°C to 70°C		
Media :	Air		
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.		
Operating Voltage :	12 DC	24 DC	230 FAC
Power Consumption :	12W	12W	12W
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.		
Coil Housing :	IP65 Epoxy square coil		
Other Specification Data :	Available on Request.		

NOTE: Use of filter in the inlet port is recommended.

Dimension - NC (All dimensions in mm)

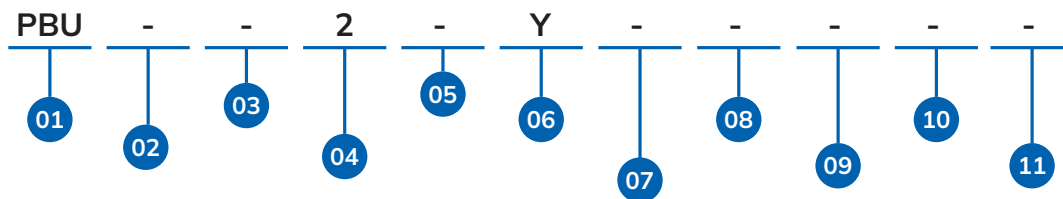
All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	D	E	F
PBU-2Y	½"	17.1	80	119	102	54	40	76
PBU-2ZY	½"	17.1	80	116	100	54	40	76
PBU-3Y	¾"	17.1	80	119	102	54	40	76
PBU-3ZY	¾"	17.1	80	116	100	54	40	76

Technical Data

Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm²	Max. Operating Pressure Kg/cm²	Seal & Diaphragm Material	Flow Factor Qn l/min
PBU-2Y	BRASS	½"	15	1.5	40	PUR	3150
PBU-2ZY	BRASS	½"	15	1.5	40	PUR	3150
PBU-3Y	BRASS	¾"	15	1.5	40	PUR	3550
PBU-3ZY	BRASS	¾"	15	1.5	40	PUR	3550

PBU - SERIES PILOT OPERATED DIAPHRAGM SOLENOID VALVE MODEL CHART



01	SERIES
PBU	

02	PRODUCT TYPE
-	Pilot Operated Diaphragm

03	BODY MATERIAL
-	BRASS
C	CF8
M	CF8M

04	SEAL MATERIAL
-	PUR
E	EPDM
V	Viton
N	Nitrile

05	PORT SIZE
2	1/2"
3	3/4"

06	PRESSURE
-	1.5 TO 40 Bar

07	PORT CONNECTION
-	BSP
N	NPT
P	BSPT

08	VALVE POSITION
-	NC
Z	NO

09	COIL DIA
X	16MM AC
Y	16MM DC
7	14mm Bottom Cable Entry Exp. AC
7D	14mm Bottom Cable Entry Exp. AC
8	14mm Bottom Cable Entry Exp. AC
8D	14mm Bottom Cable Entry Exp. AC

10	CONFIGURATION
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
...	...
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

11	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
...	...
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11

PBU-2Y

1/2" PILOT OPERATED DIAPHRAGM BRASS-PUR
-1.5 TO 40 Bar-BSP-NC-16MM DC

Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.