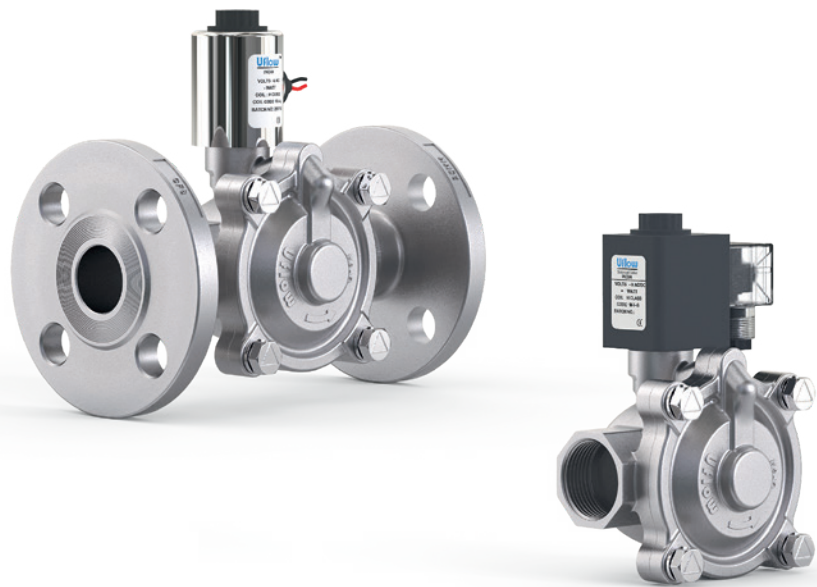


**PILOT OPERATED DIAPHRAGM
TYPE SOLENOID VALVE**

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



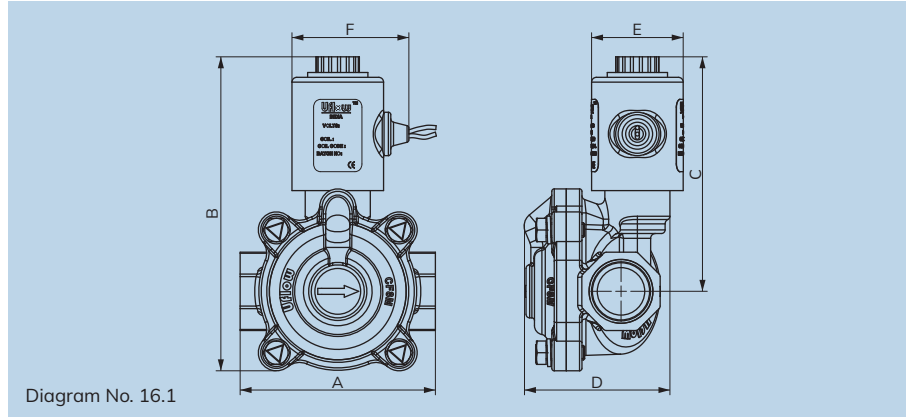
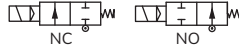


Diagram No. 16.1



Specifications

Port :	3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3" & 4" (Available BSP / NPT)				
End Connection :	Screwed / Flange				
Body Material :	SS ASTM A351 Grade CF8 / CF8M				
Diaphragm :	Nitrile (NBR)	EPDM	Viton (FKM)		
Media Temp :	-30°C to 90°C	-10°C to 140°C	-10°C to 180°C		
Circumstance Temp :	-10°C to 70°C				
Media :	Air, Water, Chemical, Gas, Oil & LPG				
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 :	24AC	110AC	230AC	12DC	24DC
Power Consumption :	9W	9W	9W	10W	11W
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, IP65 Metallic round enclosure, IP67 Flameproof enclosure, IP68 Weatherproof enclosure.				
Optional Feature :	90% Power saver series also available, Manual Override, Water hammering reducer also available to avoid water hammer forces.				
Other Specification Data :	Available on Request. - High Pressure 20Kg Series. - Manual Override				

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

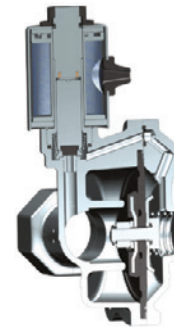
Dimension - NC (All dimensions in mm)

All dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	D	E	F
PCN708BNEWV0	3/8"	16.1	67	123	95	52	38	49
PCN208BNEWV0	1/2"	16.1	67	123	95	52	38	49
PCN308BNEWV0	3/4"	16.1	81	130	97	60	38	49
PCN408BNEWV0	1"	16.1	96	146	105	66	38	49
PCN508BNEWV0	1 1/4"	16.1	108	154	108	88	38	49
PCN608BNEWV0	1 1/2"	16.1	108	154	108	88	38	49
PCN808BNEWV0	2"	16.1	132	181	126	102	38	49
PCN908BNEWV0	2 1/2"	16.1	166	212	140	126	38	49
PCNA08BNEWV0	3"	16.1	192	237	151	138	38	49
PCNB08BNIWV0	4"	16.1	262	257	194	202	50	63

In normally open valve dimension B&C will increase up to 8mm.

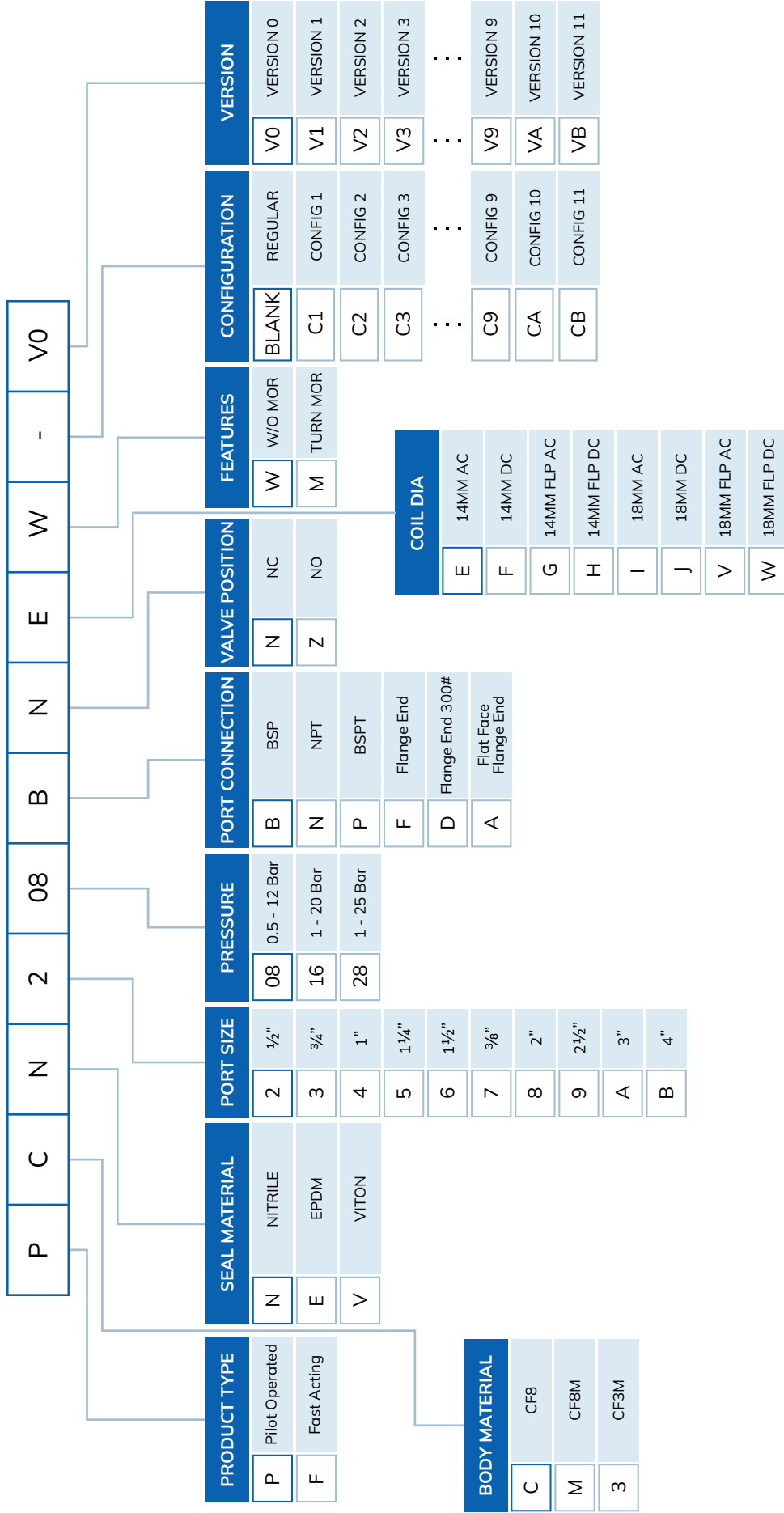
Section View



Technical Data

Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ / hr
PCN708BNEWV0	CF8 / CF8M	3/8"	15	0.5	12	NBR / EPDM / VITON	2
PCN208BNEWV0	CF8 / CF8M	1/2"	17	0.5	12	NBR / EPDM / VITON	4.4
PCN308BNEWV0	CF8 / CF8M	3/4"	20	0.5	12	NBR / EPDM / VITON	3.7
PCN408BNEWV0	CF8 / CF8M	1"	25	0.5	12	NBR / EPDM / VITON	10
PCN508BNEWV0	CF8 / CF8M	1 1/4"	36	0.5	12	NBR / EPDM / VITON	12.2
PCN608BNEWV0	CF8 / CF8M	1 1/2"	36	0.5	12	NBR / EPDM / VITON	17.1
PCN808BNEWV0	CF8 / CF8M	2"	47	0.5	12	NBR / EPDM / VITON	33.3
PCN908BNEWV0	CF8 / CF8M	2 1/2"	59	0.5	12	NBR / EPDM / VITON	43.5
PCNA08BNEWV0	CF8 / CF8M	3"	71	0.5	12	NBR / EPDM / VITON	64.5
PCNB08BNIWV0	CF8 / CF8M	4"	98	0.5	12	NBR / EPDM / VITON	115

PILOT OPERATED DIAPHRAGM TYPE SOLENOID VALVE MODEL IDENTIFICATION CHART



PCN208BNEWV0
1/2" PILOT OPERATED DIAPHRAGM CF8-NITRILE-0.5 TO 12 Bar-BSP-NC-14MM AC



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



Global Presence...




Made In India



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