

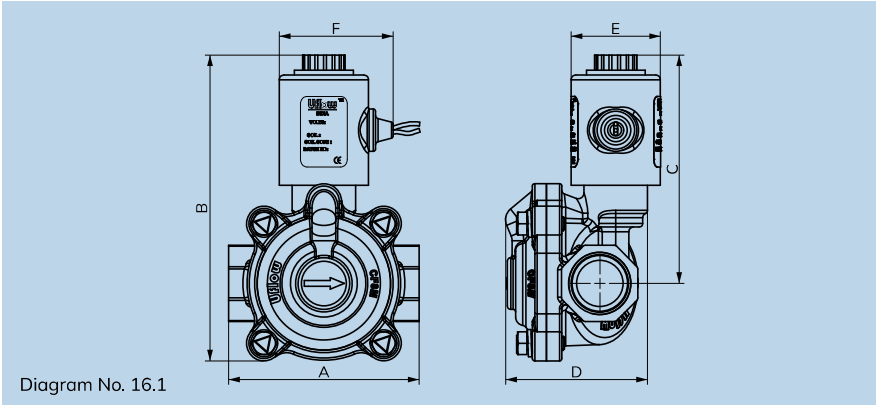
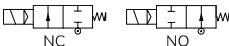


Diagram No. 16.1



Specifications

Port :	Refer below technical data sheet (Available BSP / NPT)									
End Connection :	Screwed / Flange									
Body Material :	SS ASTM A351 Grade CF8 / CF8M									
Diaphragm :	<table><tr><td>Nitrile (NBR)</td><td>EPDM</td><td>Viton (FKM)</td></tr></table>					Nitrile (NBR)	EPDM	Viton (FKM)		
Nitrile (NBR)	EPDM	Viton (FKM)								
Media Temp :	<table><tr><td>-30°C to 90°C</td><td>-10°C to 140°C</td><td>-10°C to 180°C</td></tr></table>					-30°C to 90°C	-10°C to 140°C	-10°C to 180°C		
-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									
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 :	<table><tr><td>24AC</td><td>110AC</td><td>230AC</td><td>12DC</td><td>24DC</td></tr></table>					24AC	110AC	230AC	12DC	24DC
24AC	110AC	230AC	12DC	24DC						
Power Consumption :	<table><tr><td>9W</td><td>9W</td><td>9W</td><td>10W</td><td>11W</td></tr></table>					9W	9W	9W	10W	11W
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 :	Epoxy square coil, Metallic round enclosure, IP-67 Flameproof enclosure, IP-68 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									

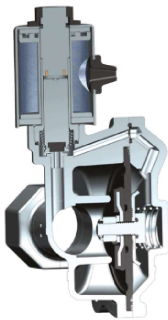
NOTE: Use of filter in the inlet port is recommended.

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	44	60
PCN208BNEWV0	1/2"	16.1	67	123	95	52	44	60
PCN308BNEWV0	3/4"	16.1	81	130	97	60	44	60
PCN408BNEWV0	1"	16.1	96	146	105	66	44	60
PCN508BNEWV0	1 1/4"	16.1	108	154	108	88	44	60
PCN608BNEWV0	1 1/2"	16.1	108	159	108	88	44	60
PCN808BNEWV0	2"	16.1	132	181	126	102	44	60
PCN908BNEWV0	2 1/2"	16.1	166	212	140	126	44	60
PCNA08BNEWV0	3"	16.1	192	237	151	138	44	60
PCNB08BNEWV0	4"	16.1	262	242	178	202	38	48

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

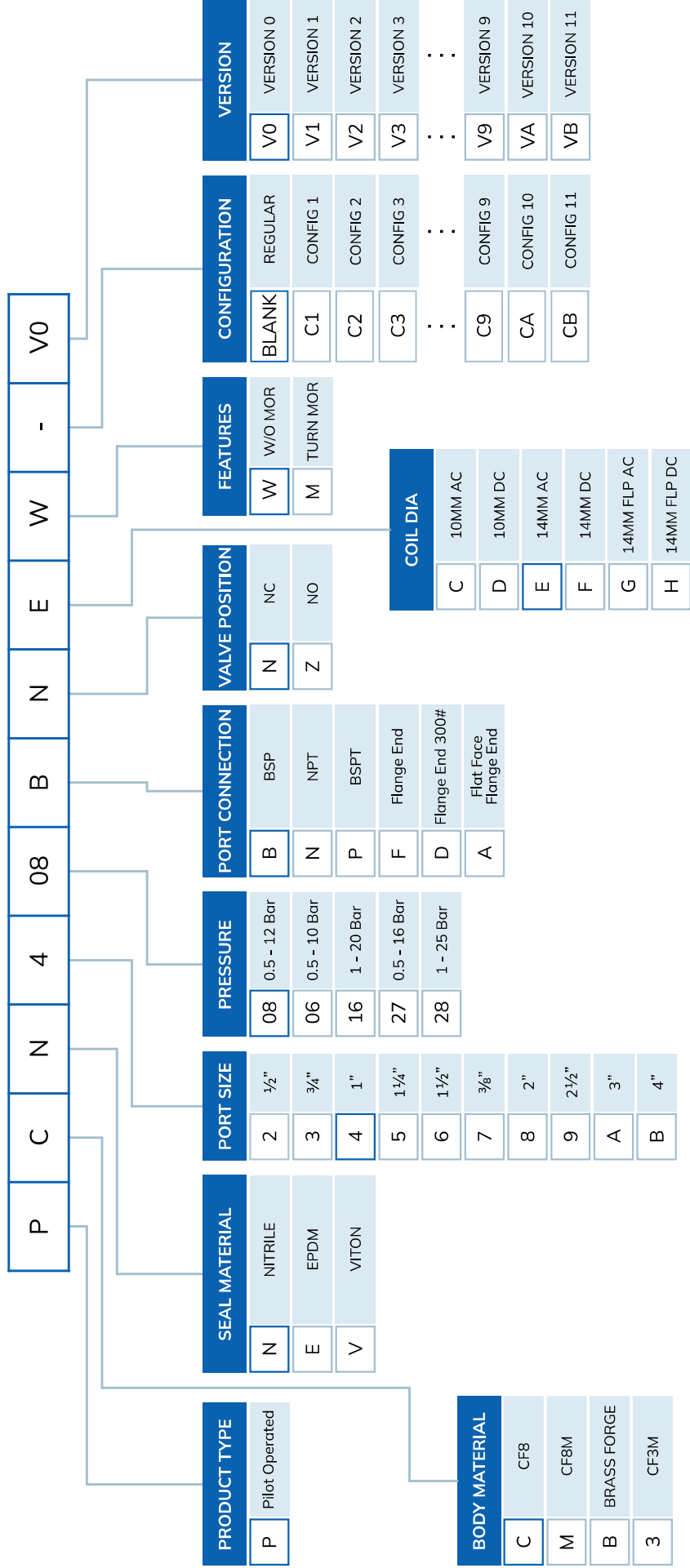
Section View



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"	48	0.5	12	NBR / EPDM / VITON	33.3
PCN908BNEWV0	CF8 / CF8M	2 1/2"	60	0.5	12	NBR / EPDM / VITON	43.5
PCNA08BNEWV0	CF8 / CF8M	3"	72	0.5	12	NBR / EPDM / VITON	64.5
PCNB08BNEWV0	CF8 / CF8M	4"	98	0.5	12	NBR / EPDM / VITON	115

PILOT OPERATED DIAPHRAGM TYPE SOLENOID VALVE MODEL IDENTIFICATION CHART



PCN408BNEWV0

1" PILOT OPERATED DIAPHRAGM- CF8- NITRILE - 1.5 TO 12 BAR-BSP-NC-14MM AC- W/OMOR