

PILOT OPERATED PISTON TYPE SOLENOID VALVE

(Normally Close/Normally Open)

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

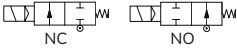
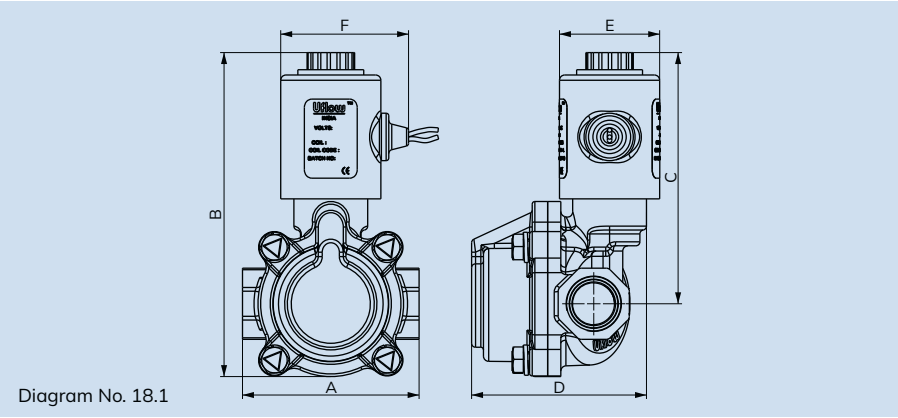
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

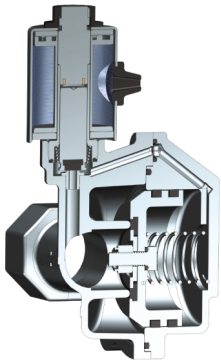
Port :	Refer below technical data sheet (Available BSP / NPT)				
End Connection :	Screwed / Flange				
Body Material :	SS ASTM A351 Grade CF8 / CF8M				
Diaphragm :	PTFE + Silicon / Viton				
Media Temp :	10°C to 180°C				
Circumstance Temp :	-10°C to 70°C				
Media :	Steam, Hot Water, Hot Fluid, Oil				
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 :	Epoxy square coil, Metallic round enclosure, IP-67 Flameproof enclosure, IP-68 Weatherproof enclosure.				
Optional Feature :	90% Power saver series also available, Water hammering reducer also available to avoid water hammer forces.				
Other Specification Data :	Available on Request.-Manual Override				

Dimension - NC (All dimensions in mm) All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	D	E	F
HCP209BNEWV0	½"	18.1	67	123	95	66	38	49
HCP309BNEWV0	¾"	18.1	81	130	97	75	38	49
HCP409BNEWV0	1"	18.1	96	146	105	78	38	49
HCP509BNEWV0	1¼"	18.1	108	154	108	96	38	49
HCP609BNEWV0	1½"	18.1	108	154	108	96	38	49
HCP809BNEWV0	2"	18.1	132	181	126	114	38	49

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

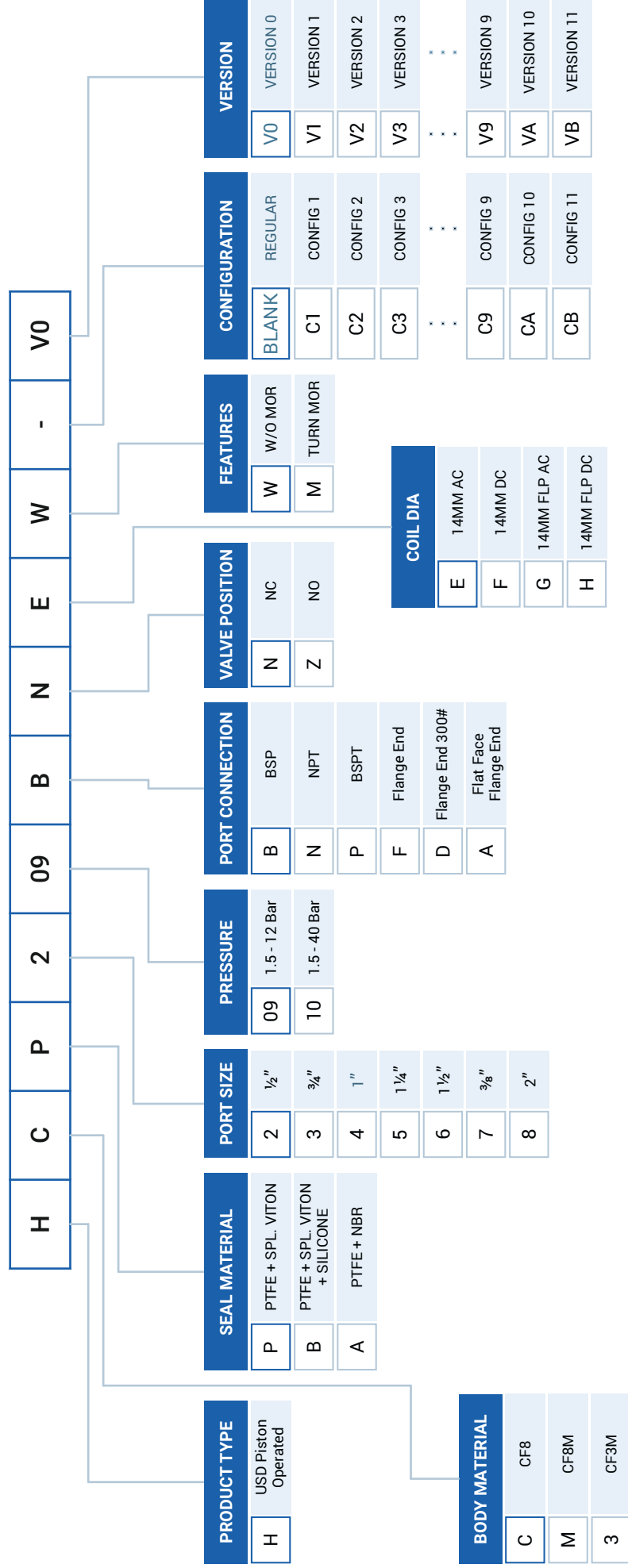
Section View



Technical Data

Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm²	Max. Operating Pressure Kg/cm²	Seal & Diaphragm Material	Flow Factor Kv m³ / hr
HCP209BNEWV0	CF8 / CF8M	½"	17	1.5	12	PTFE	4
HCP309BNEWV0	CF8 / CF8M	¾"	20	1.5	12	PTFE	7
HCP409BNEWV0	CF8 / CF8M	1"	25	1.5	12	PTFE	12
HCP509BNEWV0	CF8 / CF8M	1¼"	36	1.5	12	PTFE	23
HCP609BNEWV0	CF8 / CF8M	1½"	36	1.5	12	PTFE	23
HCP809BNEWV0	CF8 / CF8M	2"	48	1.5	12	PTFE	38
HCP210BNEWV0	CF8 / CF8M	½"	17	1.5	40	PTFE	4
HCP310BNEWV0	CF8 / CF8M	¾"	20	1.5	40	PTFE	7
HCP410BNEWV0	CF8 / CF8M	1"	25	1.5	40	PTFE	12
HCP510BNEWV0	CF8 / CF8M	1¼"	36	1.5	40	PTFE	23
HCP610BNEWV0	CF8 / CF8M	1½"	36	1.5	40	PTFE	23
HCP810BNEWV0	CF8 / CF8M	2"	48	1.5	40	PTFE	38

PILOT OPERATED SOLENOID VALVE MODEL IDENTIFICATION CHART



HCP209BNEWV0

1/2" USD PISTON OPERATED CF8-PTFE + SPL, VITON-1.5 TO 12 Bar-BSP-NC-14MM AC

Global Presence...



Made In India



CONTACT US:

✉ sales@uflowvalve.com 📞 +91 89059 07070 📠 +91-2827-254343 🌐 www.uflowvalve.com

📍 Uflow Automation, Ankur Industrial Complex, Survey No: 275/276, Plot No: 31, Nr. Intol Cast Pvt. Ltd. Shapar(Veraval) Dist.: Gujarat (India) - 360 024.