

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



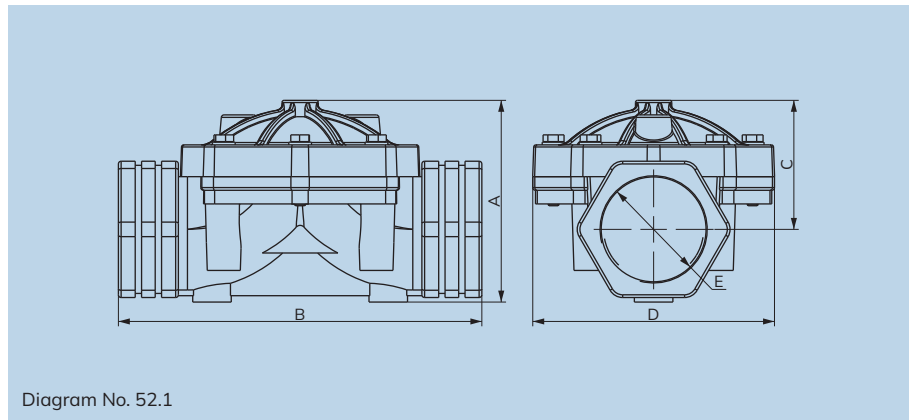
Diaphragm Valve Specifications

Port :	Refer below technical data sheet (Available BSPT / NPT)
End Connection :	Screwed
Body Material :	Nylon GF
Diaphragm :	Natural Rubber
Max Media Temp :	60°C
Circumstance Temp :	-10°C to 60°C
Media :	Water
Main Features :	Internal Parts are in superior corrosion resistance steel, Suitable for irrigation.

2 Way - 3 Way Valve Specifications

Port :	Refer below technical data sheet (Available BSPT / NPT)		
End Connection :	Screwed		
Body Material :	Nylon GF		
Seal & 'O'Ring :	Nitrile (NBR)		
Max Media Temp :	5°C to 50°C		
Circumstance Temp :	-10°C to 50°C		
Media :	Water		
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for irrigation.		
Operating Voltage :	24AC	12DC	24DC - Latching
Power Consumption :	8W	3W	8W - Latch, 3W - Delatch
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.		
Other Specification Data :	Available on Request.		

Diaphragm Valve Specifications

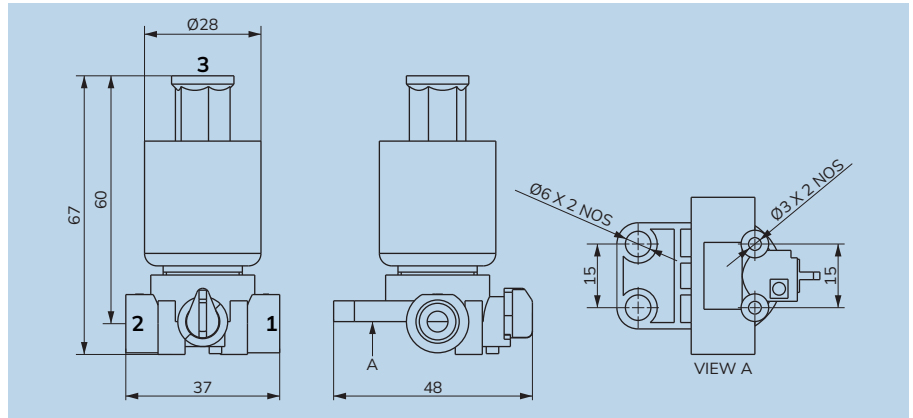


Technical Data

Model No.	Body Material	Pipe (Inch)	Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ / hr
ENA622PV0	Nylon GF	1½"	1	10	Natural Rubber	60
ENA822PV0	Nylon GF	2"	1	10	Natural Rubber	70
ENA922PV0	Nylon GF	2½"	1	10	Natural Rubber	80
ENAA22PV0	Nylon GF	3"	1	10	Natural Rubber	90
ENAB22PV0	Nylon GF	4"	1	10	Natural Rubber	190

Dimension (All dimensions in mm)

Model No.	Diagram No.	A	B	C	D	E
ENA622PV0	52.1	111	200	71	133	1½"
ENA822PV0	52.1	111	200	71	133	2"
ENA922PV0	52.1	138	250	87	160	2½"
ENAA22PV0	52.1	138	250	87	160	3"
ENAB22PV0	52.1	316	352	203	Ø225	4"



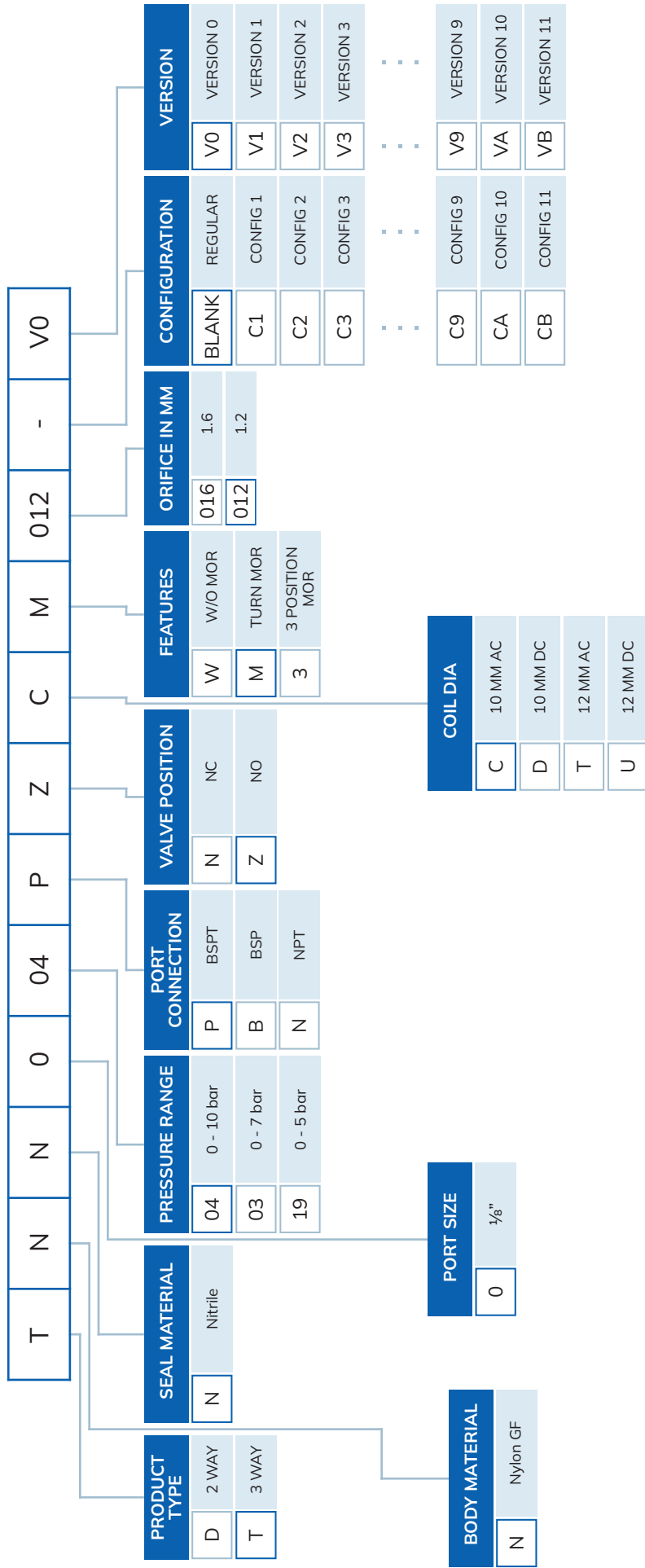
Technical Data

Model No.	Valve Type	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
DNN004PNDM016V0	2 Way	Nylon GF	1/8"	1.6	0	10	NITRILE (NBR)	0.07
TNN004PZCM012V0	3 Way	Nylon GF	1/8"	1.2	0	10	NITRILE (NBR)	0.042
TNN004PZU3012V0	3 Way	Nylon GF	1/8"	1.2	0	10	NITRILE (NBR)	0.042

Pipe Connection

Valve Position	Valve Type	Port No. - 1	Port No. - 2	Port No. - 3
Normally Close	3 Way	Input	Output	Exhaust
Normally Open	3 Way	Exhaust	Output	Input
Normally Close	2 Way	Output	Input	-

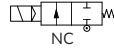
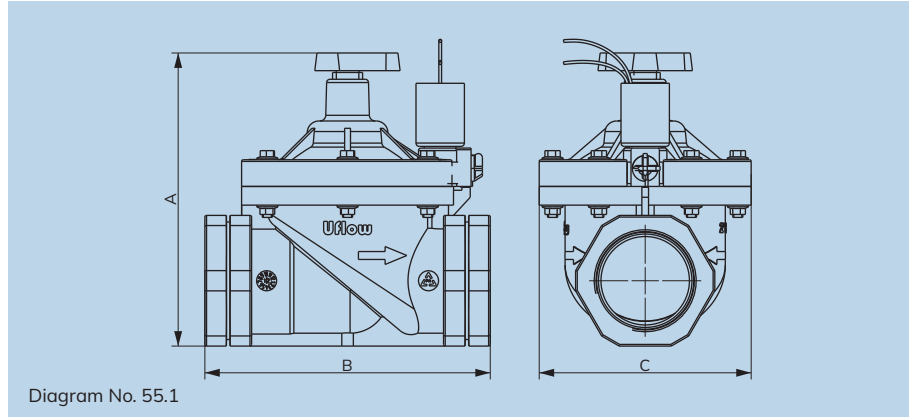
2 WAY - 3 WAY DIRECT ACTING PILOT SOLENOID VALVE MODEL IDENTIFICATION CHART



TNN004PZCM012V0

1/8" 3 WAY DIRECT ACTING NYLON GF-NITRILE-0 TO 10 Bar-BSPT-NO-10MM AC-TURN MOR-1.2MM ORIFICE

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



Specifications

Port :	¾", 1", 1½" & 2" (Available in BSP / BSPT / NPT)		
End Connection :	Screwed		
Body Material :	Nylon GF		
Diaphragm :	Natural Rubber		
Max Media Temp :	5°C to 50°C		
Ambient Temp :	-10°C to 50°C		
Media :	Water		
Operating Voltage :	24AC	24DC	12DC
Power Consumption :	8W	8W	8W
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, IP68 Weatherproof enclosure.		
Other Specification Data :	Available on Request		

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

Feature

- Inbuilt Flow Control Capabilities.
- Manual Override in All The Valve.
- Pressure Below Seat to Reduce Water Hummer.
- Low Head Loss With High Flow.

Technical Data

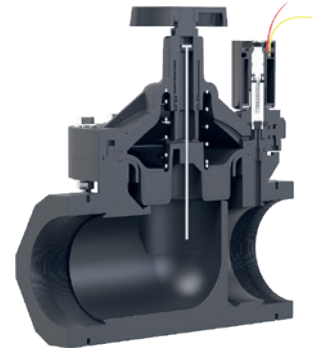
Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure mbar	Max. Operating Pressure bar	Seal & Diaphragm Material	Flow Factor Kv m³ / hr
PNA306BNTFV0	Nylon GF	¾"	20	0.5	10	Natural Rubber	8
PNA406BNTFV0	Nylon GF	1"	25	0.5	10	Natural Rubber	12
PNA606BNTFV0	Nylon GF	1½"	40	0.5	10	Natural Rubber	23
PNA806BNTFV0	Nylon GF	2"	52	0.5	10	Natural Rubber	38

Dimension (All dimensions are in mm)

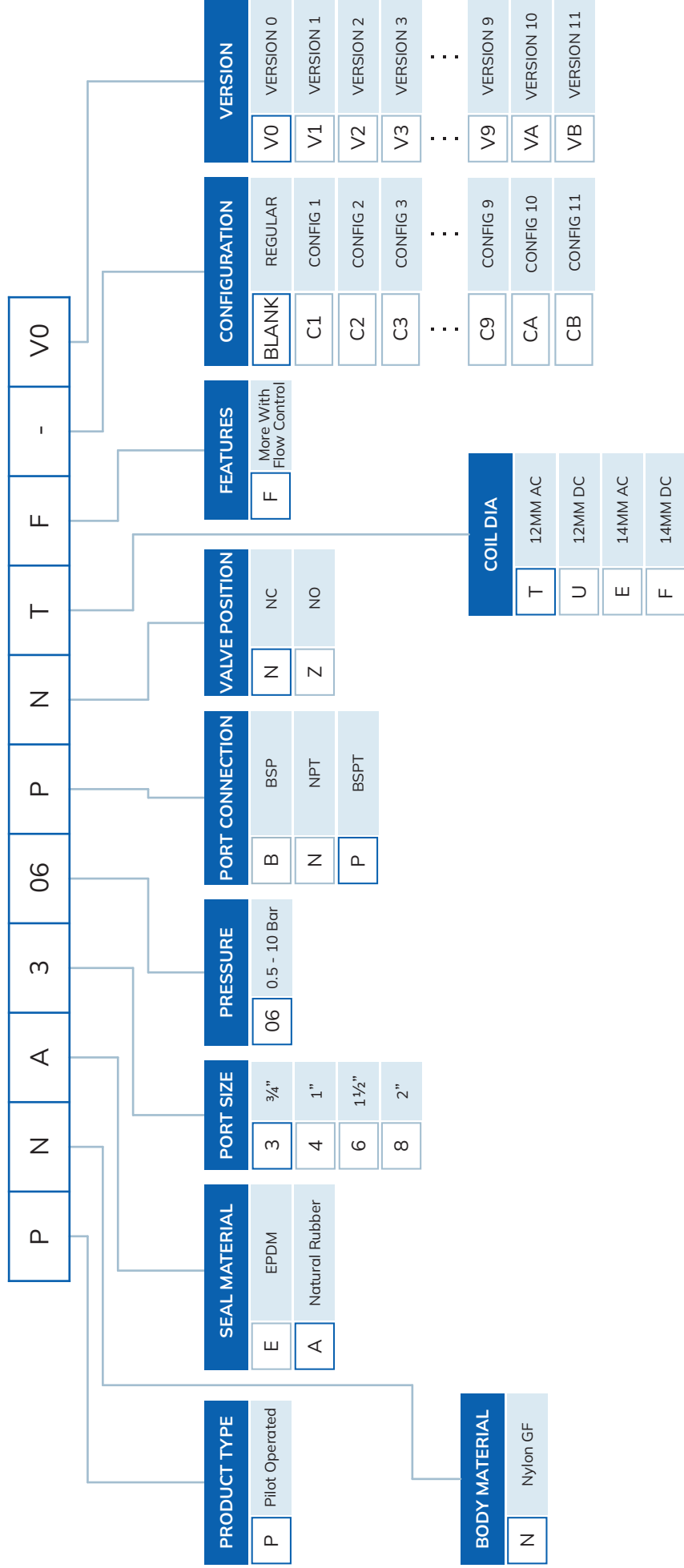
All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C
PNA306BNTFV0	¾"	55.1	108	110	81
PNA406BNTFV0	1"	55.1	114	110	81
PNA606BNTFV0	1½"	55.1	180	160	126
PNA806BNTFV0	2"	55.1	190	170	126

Section View



PILOT OPERATED DIAPHRAGM TYPE PLASTIC SOLENOID VALVE MODEL IDENTIFICATION CHART



PNA306PNTFV0

3/4" PILOT OPERATED DIAPHRAGM NYLON GF-NATURAL RUBBER-0.5 TO 10-BSPT-NC-12MM AC-MOR WITH FLOW CONTROL

Global Presence...



Made In India



CONTACT US:

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

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