

### Specifications

Port :	¾", 1", 1½" & 2" (Available in BSP / BSPT / NPT)		
End Connection :	Screwed		
Body Material :	Nylon GF		
Diaphragm :	Natural Rubber		
Max Media Temp :	60°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 m <sup>3</sup> / hr
PNN-3TM	Nylon GF	¾"	20	0.5	10	Natural Rubber	8
PNN-4TM	Nylon GF	1"	25	0.5	10	Natural Rubber	12
PNN-6TM	Nylon GF	1½"	40	0.5	10	Natural Rubber	23
PNN-8TM	Nylon GF	2"	52	0.5	10	Natural Rubber	38

### Dimension (All dimensions are in mm)

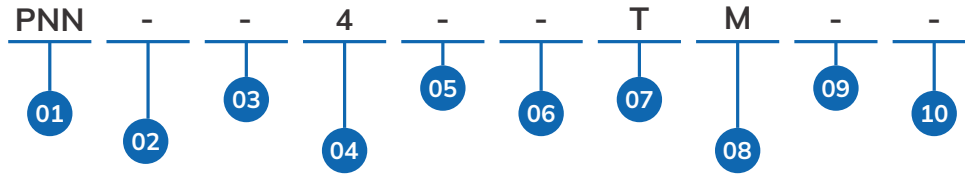
All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C
PNN-3TM	¾"	55.1	108	110	81
PNN-4TM	1"	55.1	114	110	81
PNN-6TM	1½"	55.1	180	160	126
PNN-8TM	2"	55.1	190	170	126

### Section View



# PNN - SERIES PILOT OPERATED DIAPHRAGM TYPE PLASTIC VALVE MODEL CHART



01	SERIES
	PNN

02	PRODUCT TYPE
-	Pilot Operated Diaphragm
D	External Pilot Operated Diaphragm Valve

03	SEAL MATERIAL
-	Natural Rubber
E	EPDM

04	PORT SIZE
3	3/4"
4	1"
6	1-1/2"
8	2"

05	PRESSURE RANGE
-	0.5 - 10 Bar

06	PORT CONNECTION
-	BSP
N	NPT
P	BSPT

07	COIL DIA
E	14MM AC
F	14MM DC
T	12MM AC
U	12MM DC

08	FEATURES
-	W/O Flow Control
M	MOR With Flow Control

09	CONFIGURATION
-	Regular
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
⋮	⋮
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

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



**PNN-4TM**  
 1" PILOT OPERATED DIAPHRAGM NYLON GF-NATURAL RUBBER-0.5 TO 10 BAR  
 -BSP-NC-12MM AC-MOR WITH FLOW CONTROL

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