

MNN SERIES
SEMI LIFT DIAPHRAGM OPERATED
PLASTIC SOLENOID VALVE (NC)

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

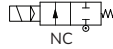
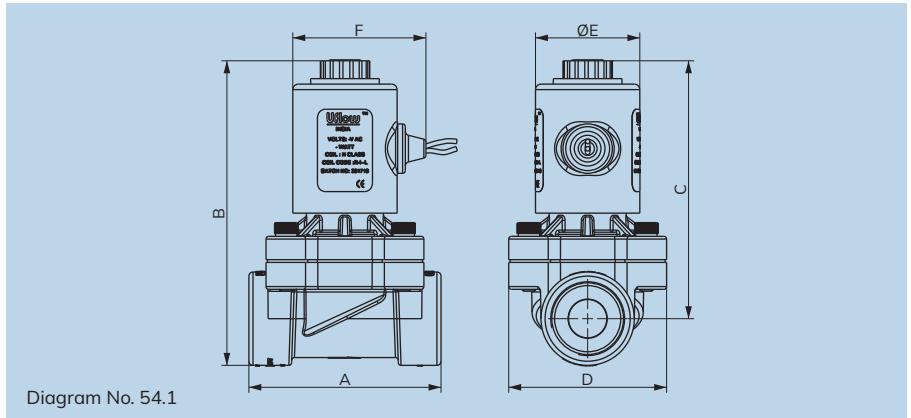
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Port :	½", ¾" & 1" (Available in BSP / BSPT / NPT)			
End Connection :	Screwed			
Body Material :	Nylon Glass Filled			
Diaphragm :	Nitrile (NBR)			
Media Temp. :	5°C to 50°C			
Circumstance Temp. :	-10°C to 50°C			
Media :	Water, Air, Inert 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 :	110AC	230AC	12DC	24DC
Power Consumption :	11W	10W	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, IP68 Weatherproof enclosure.			
Other Specification Data :	Available on Request			

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

Technical Data

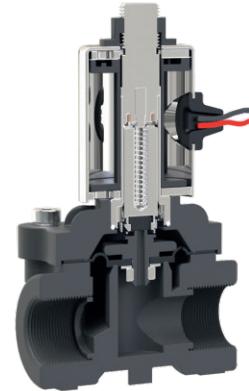
Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure mbar	Max. Operating Pressure bar	Seal & Diaphragm Material	Flow Factor Kv m³ / hr
MNN-2E	Nylon GF	½"	16	0	7	NBR	2.1
MNN-3E	Nylon GF	¾"	16	0	7	NBR	3
MNN-413E	Nylon GF	1"	26	0	4	NBR	8.2

Dimension (All dimensions are in mm)

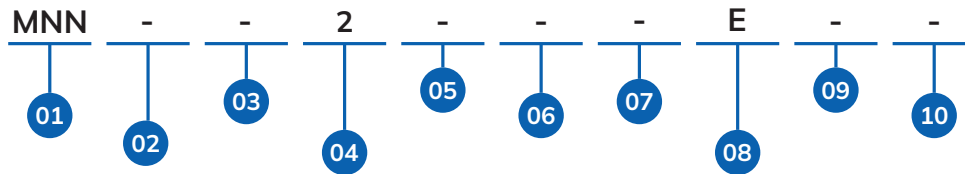
All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	D	E	E1
MNN-2E	½"	54.1	70	110	94	58	44	57
MNN-3E	¾"	54.1	70	110	94	58	44	57
MNN-413E	1"	54.1	107	122	101	77	44	57

Section View



MNN - SERIES SEMI LIFT DIAPHRAGM OPERATED SOLENOID PLASTIC VALVE MODEL CHART



01	SERIES
	MNN

02	PRODUCT TYPE
-	Semi Lift Diaphragm Operated

03	SEAL MATERIAL
-	Nitrile
E	EPDM

04	PORT SIZE
2	1/2"
3	3/4"
4	1"

05	PRESSURE RANGE
-	0 - 7 Bar
13	0 - 4 Bar

06	PORT CONNECTION
-	BSP
N	NPT
P	BSPT

07	VALVE POSITION
-	NC

08	COIL DIA
E	14MM AC
F	14MM DC
G	14MM FLP AC
H	14MM FLP DC
5	14MM SS FLP AC
6	14MM SS FLP DC
7	14mm Bottom Cable Entry Exp. AC
7D	14mm Bottom Cable Entry Exp. AC
8	18mm Bottom Cable Entry Exp.AC
8D	18mm Bottom Cable Entry Exp. DC

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

MNN-2E

1/2" SEMI LIFT DIAPHRAGM OPERATED NYLON GF-NITRILE-0 TO 7 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.