



Luthra Hydro Pneumatic Industries

2/2 Way Direct Acting Solenoid Valve (Normally Close/Open)

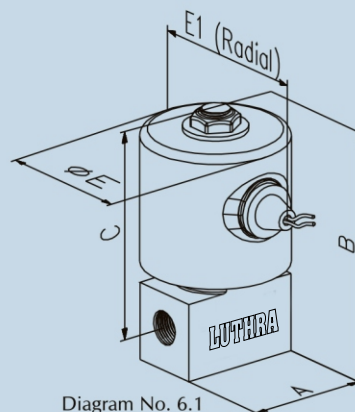


Diagram No. 6.1



Specifications :

Port :	Refer below technical data sheet(Available BSP / NPT)			
End Connection :	Screwed			
Body Material :	SS ASTM A351 Grade CF8 / CF8M, Aluminum, Forged Brass			
Seal & 'O' Ring :	Nitrile (NBR)	EPDM	Viton (FKM)	PTFE
Media Temp :	-30° C to 90° C	-10° C to 140° C	-10° C to 180° C	-10° C to 180° C
Circumstance Temp :	-10° C to 90° C			
Media :	Air, Water, Steam, Hot Water, Chemical, Gases, Oil			
Main Features :	Internal Parts are in superior corrosion resistance steel (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical applications & Highly corrosive environment.			
Operating Voltage :	24 AC	110 AC	230 AC	12 DC
Power Consumption :	7W	8W	9W / 17W	10W
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 Flame proof enclosure, IP-68 Weather proof enclosure.			
Optional Feature :	90% Power saver series also available.			
Other Specification Data :	Available on Request			

NOTE : USE OF FILTER IN THE INLET PORT IS RECOMMENDED.

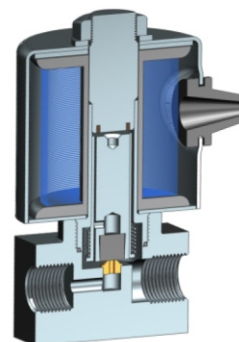
Technical Data :

Model No.	Body Material	Pipe (inch)	Orifice(mm)		Min. Operating Pressure kg/cm ²	Max. Operating Pressure kg/cm ²	Seal & 'O' Ring Material	Flow Factor Kv m ³ /hr	
			NC	NO				NC	NO
DAN14	Aluminum	1/4"	3	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.17	0.12
DBN14	Brass	1/4"	4	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.3	0.12
DCN14	CF8/CF8M	1/4"	4	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.3	0.12
DBN74	Brass	3/8"	4	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.3	0.12
DBN24	Brass	1/2"	4	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.3	0.12
DCN223	CF8/CF8M	1/2"	12	-	0	2	NBR/ SI/ FKM/ EPDM	1.8	-
DAN243	Aluminium	1/2"	5	3	0	10	NBR/ SI/ FKM/ EPDM	0.55	0.17
DBN1C	Brass	1/4"	1.3	0.9	0	150	NBR/ SI/ FKM/ EPDM	0.05	0.03
DBN2C	Brass	1/2"	1.3	0.9	0	150	NBR/ SI/ FKM/ EPDM	0.05	0.03
DBN7C	Brass	3/8"	1.3	0.9	0	150	NBR/ SI/ FKM/ EPDM	0.05	0.03
DCN24	CF8/CF8M	1/2"	4	2.5	0	10	NBR/ SI/ FKM/ EPDM	0.3	0.12

Dimension : (NC)

Model No.	Port Size	Diagram No.	A	B	C	E	E1
DAN14	1/4"	6.1	44.5	82	72	44	58
DBN14	1/4"	6.1	43	84	74	44	58
DCN14	1/4"	6.1	44	85	74	44	58
DBN74	3/8"	6.1	48	88	75	44	58
DBN24	1/2"	6.1	48	88	75	44	58
DCN223	1/2"	6.1	61.50	109	96	50	63
DAN243	1/2"	6.1	65	102	88	50	63
DBN1C	1/4"	6.1	43	84	74	44	58
DBN2C	1/2"	6.1	48	88	75	44	58
DBN7C	3/8"	6.1	48	88	75	44	58

In Normally open valve Dimension will increase up to 8mm in B & C



Section View