

Committed to Providing Quality Products  
with the Best Service

**Uflow**<sup>®</sup>  
**Automation**  
**INDIA**

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



# COMPANY PROFILE

**Uflow Automation** is an engineering organization committed to provide complete solutions to customer's requirements. We are established in the year 2007 and progressing with a vision of applying finest engineering practices in valve manufacturing industry by our restless and high skilled **ENGINEERS**, standard organizational **PROCESSES** and superior quality **PRODUCTS**.

We are leading in solenoid valve manufacturing company in India, Know as **UFLOW** our range of products include - Pilot Operated Diaphragm Type Valves, Pneumatically Control Valves, Gas Solenoid valves, High Pressure Valves, Industrial Valves, Pneumatic Directional Control Valves, Rotary Coupling and Actuators. Our products are sold across INDIA and being exported outside India in various other countries.

Our Quality	Our Commitment	About Us
<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> In-House full scale testing facility.</li> <li><input checked="" type="checkbox"/> Lean manufacturing practices / six sigma, kaizen, 5S.</li> <li><input checked="" type="checkbox"/> Certified by : ISO 9001:2015 (TUV Nord), CE, ERDA, CIMFR, BIS, PESO.</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> To understand customer's need first before proposing our products.</li> <li><input checked="" type="checkbox"/> To keep on providing competitive rate's by adapting to continuous process improvement, without compromising on quality.</li> <li><input checked="" type="checkbox"/> To provide continuous support to our customers and go beyond their expectations in terms of delivery and after sale services.</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> In house R&amp;D, manufacturing and testing facility is all located in a single premise at Rajkot Gujarat India.</li> <li><input checked="" type="checkbox"/> Authorized channel partners in 20 different states in India.</li> <li><input checked="" type="checkbox"/> Sales office in the UAE, Germany, Chile, Australia (Expanding).</li> </ul>

**We started building our products for a specific market segment and over the period of time we progressed to built it for various sectors that includes:**

- |   |   |  |   |  |  |
|---|---|--|---|--|--|
| <input checked="" type="checkbox"/> Textile | <input checked="" type="checkbox"/> Water Treatment | <input checked="" type="checkbox"/> Energy & Power | <input checked="" type="checkbox"/> Packaging         | <input checked="" type="checkbox"/> Pharmaceutical | <input checked="" type="checkbox"/> Oil & Gas  |
| <input checked="" type="checkbox"/> Nuclear | <input checked="" type="checkbox"/> Marine          | <input checked="" type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> Food and Beverage | <input checked="" type="checkbox"/> Steel & Cement | <input checked="" type="checkbox"/> Automotive |

**We stand amongst the pioneers of the industry because of our following competitive advantages:**

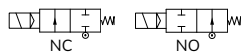
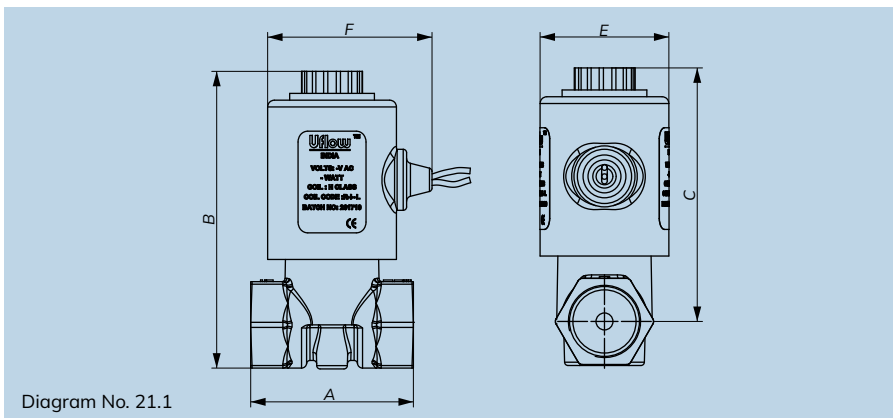
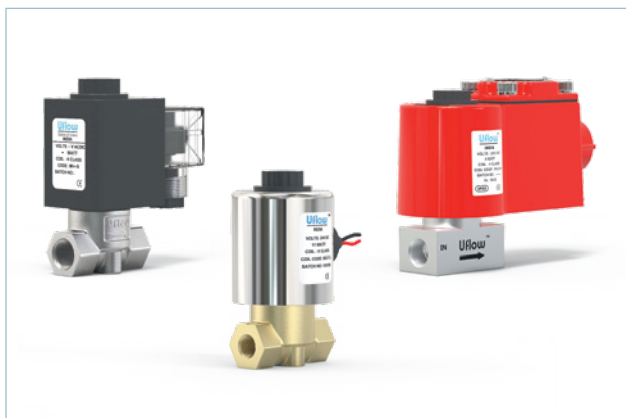
- Total quality management allow us to maintain the quality of our products,
- We follow genuine customer relationship policy and that help us to build trusted relationships.
- We believe in timely delivery and consistent quality standard, and this is possible due to the state of the art testing facility, that ensures our customers don't have any complains.
- Innovative products range with sophisticated and latest technology.
- Qualified customer service team, facilitate with the customers to resolve their respective query. Also feel free to ask for our customer references and product samples.

Uflow's Quality control is based on the platform of stringent process control by elimination of production variances; by a computerized integrated system we are able to guarantee the quality of products, and by recording each production step to ensure effective data analysis as well as a complete and efficient traceability of both components and finished products. This practice helps us in maintaining standards of high competitiveness in the marketplace.

**Note:** \*For Any Other Information Contact Uflow.  
\* All Information may change without prior notice.



**SOLENOID VALVE  
SERIES**



**Specifications**

<b>Port :</b>	Refer below technical data sheet (Available BSP / NPT)				
<b>End Connection :</b>	Screwed				
<b>Body Material :</b>	SS ASTM A351 Grade CF8 / CF8M, Forged Brass, Aluminium				
<b>Diaphragm:</b>	Nitrile (NBR)	EPDM	Viton (FKM)		
<b>Media Temp:</b>	-30°C to 90°C	-10°C to 140°C	-10°C to 180°C		
<b>Circumstance Temp :</b>	-10°C to 70°C				
<b>Media :</b>	Air, Chemical, Gas, Oil, Steam, Hot Water				
<b>Main Features :</b>	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.				
<b>Operating Voltage :</b>	24AC	110AC	230AC	12DC	24DC
<b>Power Consumption :</b>	9W	9W	9W	10W	11W
<b>Coil Features :</b>	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.				
<b>Coil Housing :</b>	Epoxy square coil, Metallic round enclosure, IP-67 Flameproof enclosure, IP-68 Weatherproof enclosure.				
<b>Optional Feature :</b>	90% Power saver series also available & Latching as per Application.				
<b>Other Specification Data :</b>	Available on Request. - Manual Override				

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

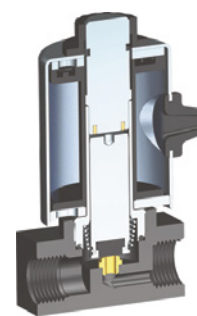
**Dimension - NC** (All dimensions in mm)

All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	E	F
DAN104BNEW031V0	¼"	21.1	44.5	81	71	44	57
DBN104BNEW040V0	¼"	21.1	43	83	74	44	57
DCN104BNEW040V0	¼"	21.1	43	83	74	44	57
DBN704BNEW040V0	¾"	21.1	48	88	75	44	57
DBN204BNEW040V0	½"	21.1	48	88	75	44	57
DCN202BNIW120V0	½"	21.1	61.5	109	96	62	50
DAN204BNIW050V0	½"	21.1	65	102	88	62	50
DBN004BNCW020V0	⅙"	21.1	38	56	47	28	33
DRN103BNCM028V0	¼"	21.1	34	69	46	28	33
DCN204BNEW040V0	½"	21.1	48	91	79	44	57
DCN003BNAW016V0	⅙"	21.1	27	50	43	21	51

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

**Section View**



**Technical Data**

Model No.	Body Material	Port Size	Orifice (mm)		Min. Operating Pressure Kg/cm²	Max. Operating Pressure Kg/cm²	Seal & Diaphragm Material	Flow Factor Kv m³ / hr	
			NC	NO				NC	NO
DAN113BNFW050V0	Aluminium	¼"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DAN104BNEW030V0	Aluminium	¼"	3	2.5	0	10	NBR / SI / FKM / EPDM	0.20	0.16
DAN105BNEW022V0	Aluminium	¼"	2.2	1.8	0	16	NBR / SI / FKM / EPDM	0.16	0.10
DAN111BNEW022V0	Aluminium	¼"	2.2	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DAN118BNEW018V0	Aluminium	¼"	1.8	1.3	0	40	NBR / SI / FKM / EPDM	0.10	0.05
DAN117BNEW015V0	Aluminium	¼"	1.5	1.3	0	60	NBR / SI / FKM / EPDM	0.07	0.05
DAN204BNIW050V0	Aluminium	½"	5	NA	0	10	NBR / SI / FKM / EPDM	0.73	-

## Technical Data

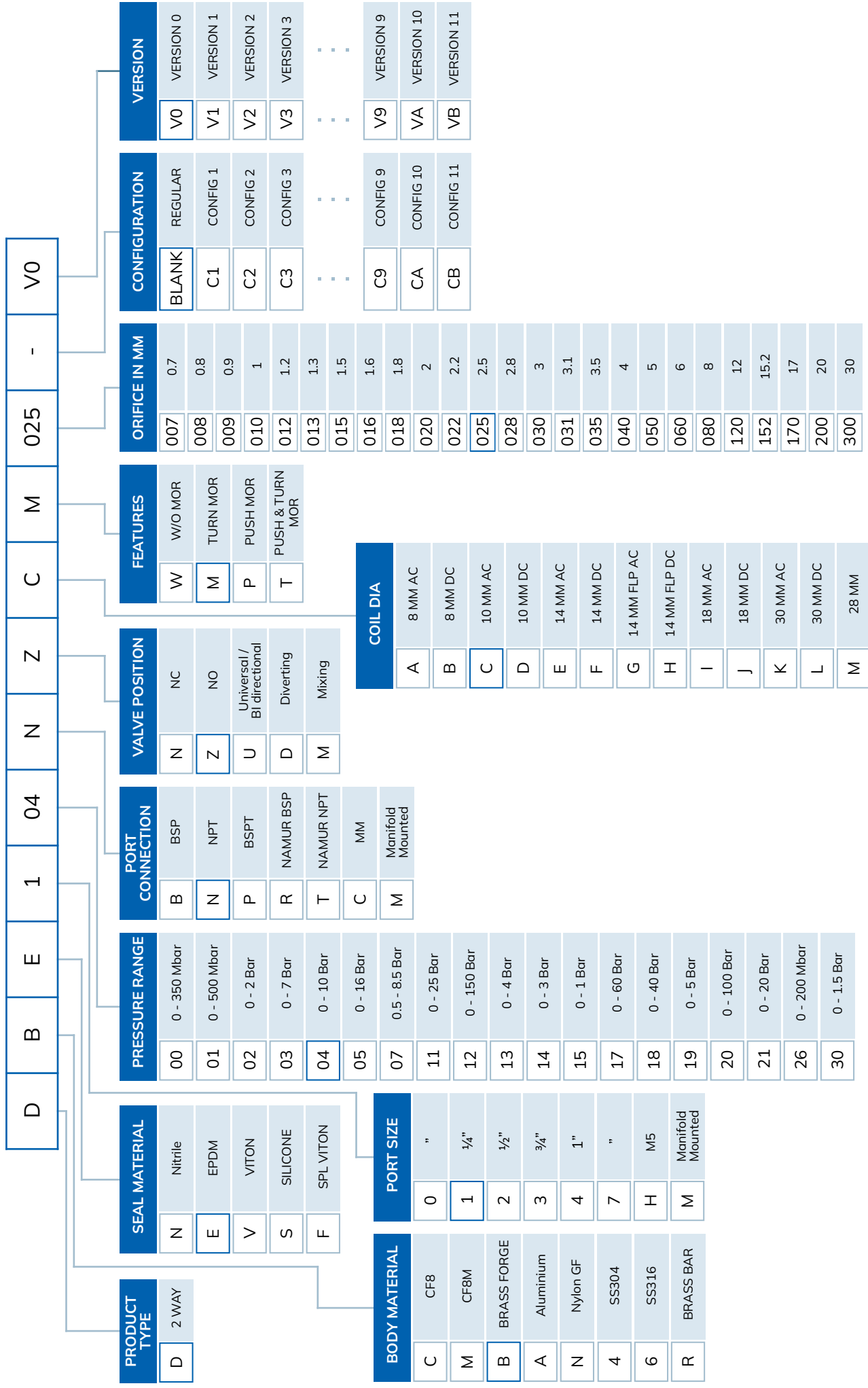
Model No.	Body Material	Port Size	Orifice (mm)		Min. Operating Pressure Kg/cm <sup>2</sup>	Max. Operating Pressure Kg/cm <sup>2</sup>	Seal & Diaphragm Material	Flow Factor Kv m <sup>3</sup> / hr	
			NC	NO				NC	NO
DAN204BNEW040V0	Aluminium	½"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DAN205BNEW030V0	Aluminium	½"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DAN205BNIW050V0	Aluminium	½"	5	NA	0	16	NBR / SI / FKM / EPDM	0.73	--
DAN217BNIW025V0	Aluminium	½"	2.5	NA	0	60	NBR / SI / FKM / EPDM	0.16	--
DBN017BNEW018V0	Brass	⅜"	1.8	NA	0	60	NBR / SI / FKM / EPDM	0.10	--
DBN115BNEW060V0	Brass	¼"	6	NA	0	1	NBR / SI / FKM / EPDM	0.84	--
DBN113BNEW050V0	Brass	¼"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN104BNEW040V0	Brass	¼"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN105BNEW030V0	Brass	¼"	3	2.5	0	16	NBR / SI / FKM / EPDM	0.20	0.16
DBN111BNEW025V0	Brass	¼"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN118BNEW020V0	Brass	¼"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN117BNEW018V0	Brass	¼"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN120BNEW015V0	Brass	¼"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN112BNEW013V0	Brass	¼"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DBN713BNEW050V0	Brass	⅜"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN704BNEW040V0	Brass	⅜"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN705BNEW030V0	Brass	⅜"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DBN711BNEW025V0	Brass	⅜"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN718BNEW020V0	Brass	⅜"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN717BNEW018V0	Brass	⅜"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN720BNEW015V0	Brass	⅜"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN712BNEW013V0	Brass	⅜"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DBN215BNEW060V0	Brass	½"	6	NA	0	1	NBR / SI / FKM / EPDM	0.84	--
DBN213BNEW050V0	Brass	½"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN204BNEW040V0	Brass	½"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN205BNEW030V0	Brass	½"	3	2.5	0	16	NBR / SI / FKM / EPDM	0.20	0.16
DBN211BNEW025V0	Brass	½"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN218BNEW020V0	Brass	½"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN217BNEW018V0	Brass	½"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN220BNEW015V0	Brass	½"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN212BNEW013V0	Brass	½"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DCN017BNEW018V0	SS304	⅜"	1.8	NA	0	60	NBR / SI / FKM / EPDM	0.16	--
DCN115BNEW060V0	SS304	¼"	6	6	0	1	NBR / SI / FKM / EPDM	0.84	0.84
DCN113BNEW050V0	SS304	¼"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DCN104BNEW040V0	SS304	¼"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DCN105BNEW030V0	SS304	¼"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DCN111BNEW025V0	SS304	¼"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DCN118BNEW020V0	SS304	¼"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DCN117BNEW018V0	SS304	¼"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DCN120BNEW013V0	SS304	¼"	1.3	0.9	0	100	NBR / SI / FKM / EPDM	0.05	0.03
DCN112BNEW012V0	SS304	¼"	1.2	NA	0	150	NBR / SI / FKM / EPDM	0.042	--
DCN713BNEW050V0	SS304	⅜"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DCN704BNEW040V0	SS304	⅜"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DCN705BNEW030V0	SS304	⅜"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DCN711BNEW025V0	SS304	⅜"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10



## Technical Data

Model No.	Body Material	Port Size	Orifice (mm)		Min. Operating Pressure Kg/cm <sup>2</sup>	Max. Operating Pressure Kg/cm <sup>2</sup>	Seal & Diaphragm Material	Flow Factor Kv m <sup>3</sup> / hr	
			NC	NO				NC	NO
DAN204BNEW040V0	Aluminium	½"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DAN205BNEW030V0	Aluminium	½"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DAN205BNIW050V0	Aluminium	½"	5	NA	0	16	NBR / SI / FKM / EPDM	0.73	--
DAN217BNIW025V0	Aluminium	½"	2.5	NA	0	60	NBR / SI / FKM / EPDM	0.16	--
DBN017BNEW018V0	Brass	⅜"	1.8	NA	0	60	NBR / SI / FKM / EPDM	0.10	--
DBN115BNEW060V0	Brass	¼"	6	NA	0	1	NBR / SI / FKM / EPDM	0.84	--
DBN113BNEW050V0	Brass	¼"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN104BNEW040V0	Brass	¼"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN105BNEW030V0	Brass	¼"	3	2.5	0	16	NBR / SI / FKM / EPDM	0.20	0.16
DBN111BNEW025V0	Brass	¼"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN118BNEW020V0	Brass	¼"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN117BNEW018V0	Brass	¼"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN120BNEW015V0	Brass	¼"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN112BNEW013V0	Brass	¼"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DBN713BNEW050V0	Brass	⅜"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN704BNEW040V0	Brass	⅜"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN705BNEW030V0	Brass	⅜"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DBN711BNEW025V0	Brass	⅜"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN718BNEW020V0	Brass	⅜"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN717BNEW018V0	Brass	⅜"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN720BNEW015V0	Brass	⅜"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN712BNEW013V0	Brass	⅜"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DBN215BNEW060V0	Brass	½"	6	NA	0	1	NBR / SI / FKM / EPDM	0.84	--
DBN213BNEW050V0	Brass	½"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DBN204BNEW040V0	Brass	½"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DBN205BNEW030V0	Brass	½"	3	2.5	0	16	NBR / SI / FKM / EPDM	0.20	0.16
DBN211BNEW025V0	Brass	½"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DBN218BNEW020V0	Brass	½"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DBN217BNEW018V0	Brass	½"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DBN220BNEW015V0	Brass	½"	1.5	0.9	0	100	NBR / SI / FKM / EPDM	0.07	0.03
DBN212BNEW013V0	Brass	½"	1.3	NA	0	150	NBR / SI / FKM / EPDM	0.05	--
DCN017BNEW018V0	SS304	⅜"	1.8	NA	0	60	NBR / SI / FKM / EPDM	0.16	--
DCN115BNEW060V0	SS304	¼"	6	6	0	1	NBR / SI / FKM / EPDM	0.84	0.84
DCN113BNEW050V0	SS304	¼"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DCN104BNEW040V0	SS304	¼"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DCN105BNEW030V0	SS304	¼"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DCN111BNEW025V0	SS304	¼"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10
DCN118BNEW020V0	SS304	¼"	2	1.3	0	40	NBR / SI / FKM / EPDM	0.11	0.05
DCN117BNEW018V0	SS304	¼"	1.8	1.3	0	60	NBR / SI / FKM / EPDM	0.10	0.05
DCN120BNEW013V0	SS304	¼"	1.3	0.9	0	100	NBR / SI / FKM / EPDM	0.05	0.03
DCN112BNEW012V0	SS304	¼"	1.2	NA	0	150	NBR / SI / FKM / EPDM	0.042	--
DCN713BNEW050V0	SS304	⅜"	5	4	0	4	NBR / SI / FKM / EPDM	0.73	0.54
DCN704BNEW040V0	SS304	⅜"	4	2.5	0	10	NBR / SI / FKM / EPDM	0.54	0.16
DCN705BNEW030V0	SS304	⅜"	3	2	0	16	NBR / SI / FKM / EPDM	0.20	0.11
DCN711BNEW025V0	SS304	⅜"	2.5	1.8	0	25	NBR / SI / FKM / EPDM	0.16	0.10

# DIRECT ACTING SOLENOID VALVE MODEL IDENTIFICATION CHART



**DBE104NZCM025V0**  
 1/4" 2 WAY DIRECT ACTING BRASS-EPDM-0 TO 10kg-NPT-NO-10mm AC-MOR-2.5mm ORIFICE

## Our Clients





# Global Presence...



Made In India



## CONTACT US:

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📍 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.