

Committed to Providing Quality Products
with the Best Service

Uflow[®]
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



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

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.



**PNEUMATIC VALVE
SERIES**

Model Information

Type :	Solenoid Operated, Lever Operated, Pilot Air Operated, Push Pull (3X2, 5X2, 5X3 & NC / NO)
Design :	Spool With Cartridge Type
Media :	Compressed Air (Filtered & Lubricated)
Working Pressure Range :	2 - 10 Bar
Ambient / Media Temperature :	5°C - 60°C
Media :	Aluminium, Nitrile, Brass, Polymer

Coil Information

Coil Width :	26 mm
Coil Bore :	10 mm
Voltage (V) ± 10% :	AC (50Hz, 60Hz) - 24V, 110V, 230V DC 12V, 24V, 36V, 48V, 110V
Power Consumption :	AC-6W, DC-6W
Duty Cycle :	Continuous
Class of Insulation :	Class H
Type of Coil Protection :	IP65

FEATURES

- Cartridge Type Design For Long Life
- Compact Design
- Standard NAMUR Mounting
- 1 Million Cycle Tested
- Low Power Consumption
- Manual Override
- Lubrication Not Essential
- Wide Range Of Coil Voltage

3X2, 5X2 Single solenoid valve with spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
SSA1BN23CT060V0	1200 LPM	¼"	¼"	¼"	Spring Return (NC)	
STA1BN23CT060V0	1200 LPM	¼"	¼"	¼"	Spring Return (NO)	
SFA1BN23CT060V0	1200 LPM	¼"	¼"	⅝"	Spring Return	
SSA2BN23CT120V0	3500 LPM	½"	½"	½"	Spring Return (NC)	
STA2BN23CT120V0	3500 LPM	½"	½"	½"	Spring Return (NO)	
SFA2BN23CT120V0	3500 LPM	½"	½"	½"	Spring Return	

3X2, 5X2 Double solenoid valve



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
SVA1BN23CT060V0	1200 LPM	¼"	¼"	¼"	Double Solenoid	
SDA1BN23CT060V0	1200 LPM	¼"	¼"	⅝"	Double Solenoid	
SVA2BN23CT120V0	3500 LPM	½"	½"	½"	Double Solenoid	
SDA2BN23CT120V0	3500 LPM	½"	½"	½"	Double Solenoid	

3X2, 5X2 Single solenoid namur valve with spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
SSA1RN23CT060V0	1200 LPM	¼"	Namur	¼"	3X2 Spring Return	
SFA1RN23CT060V0	1200 LPM	¼"	Namur	¼"	5X2 Spring Return	

3X2, 5X2 Double solenoid namur valve



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
SVA1RN23CT060V0	1200 LPM	¼"	Namur	⅝"	3X2 Double Solenoid	
SDA1RN23CT060V0	1200 LPM	¼"	Namur	⅝"	5X2 Double Solenoid	

5X3 Double solenoid valve with spring center



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
SBA1BN23CT060V0	1200 LPM	¼"	¼"	⅝"	Center Blocked	
SEA1BN23CT060V0	1200 LPM	¼"	¼"	⅝"	Center Exhausted	
SPA1BN23CT060V0	1200 LPM	¼"	¼"	⅝"	Center Pressurised	
SBA2BN23CT120V0	3500 LPM	½"	½"	½"	Center Blocked	
SEA2BN23CT120V0	3500 LPM	½"	½"	½"	Center Exhausted	
SPA2BN23CT120V0	3500 LPM	½"	½"	½"	Center Pressurised	

3X2 Hand lever valve manual and spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
LSA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NC)	
LTA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NO)	
LVA1BN04V0	1200 LPM	¼"	¼"	¼"	Manual Return	
LSA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NC)	
LTA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NO)	
LVA2BN04V0	3500 LPM	½"	½"	½"	Manual Return	

5X2 Hand lever valve manual and spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
LFA1BN04V0	1200 LPM	¼"	¼"	⅝"	Spring Return	
LDA1BN04V0	1200 LPM	¼"	¼"	⅝"	Manual Return	
LFA2BN04V0	3500 LPM	½"	½"	½"	Spring Return	
LDA2BN04V0	3500 LPM	½"	½"	½"	Manual Return	

5X3 Hand lever valve manual return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
LBA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Blocked	
LEA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Exhausted	
LPA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Pressurised	
LBA2BN04V0	3500 LPM	½"	½"	½"	Center Blocked	
LEA2BN04V0	3500 LPM	½"	½"	½"	Center Exhausted	
LPA2BN04V0	3500 LPM	½"	½"	½"	Center Pressurised	

5X3 Hand lever valve with spring center



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
LKA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Blocked	
LHA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Exhausted	
LRA1BN04V0	1200 LPM	¼"	¼"	⅝"	Center Pressurised	
LKA2BN04V0	3500 LPM	½"	½"	½"	Center Blocked	
LHA2BN04V0	3500 LPM	½"	½"	½"	Center Exhausted	
LRA2BN04V0	3500 LPM	½"	½"	½"	Center Pressurised	

3X2 External pilot operated valve



1 - Input, 2/4 - Output, 3/5 - Exhaust, 10/12 - External Pilot

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
ASA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NC)	
ATA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NO)	
AVA1BN04V0	1200 LPM	¼"	¼"	¼"	Double External	
ASA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NC)	
ATA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NO)	
AVA2BN04V0	3500 LPM	½"	½"	½"	Double External	

5X2 External pilot operated valve



1 - Input, 2/4 - Output, 3/5 - Exhaust, 10/12 - External Pilot

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
AFA1BN04V0	1200 LPM	¼"	¼"	⅙"	Spring Return	
ADA1BN04V0	1200 LPM	¼"	¼"	⅙"	Double External	
AFA2BN04V0	3500 LPM	½"	½"	½"	Spring Return	
ADA2BN04V0	3500 LPM	½"	½"	½"	Double External	

5X3 Double external pilot operated valve with spring center



1 - Input, 2/4 - Output, 3/5 - Exhaust, 10/12 - External Pilot

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
AKA1BN04V0	1200 LPM	¼"	¼"	⅙"	Center Blocked	
AHA1BN04V0	1200 LPM	¼"	¼"	⅙"	Center Exhausted	
ARA1BN04V0	1200 LPM	¼"	¼"	⅙"	Center Pressurised	
AKA2BN04V0	3500 LPM	½"	½"	½"	Center Blocked	
AHA2BN04V0	3500 LPM	½"	½"	½"	Center Exhausted	
ARA2BN04V0	3500 LPM	½"	½"	½"	Center Pressurised	

3X2 Push pull valve manual and spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
PSA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NC)	
PTA1BN04V0	1200 LPM	¼"	¼"	¼"	Spring Return(NO)	
PVA1BN04V0	1200 LPM	¼"	¼"	¼"	Manual Return	
PSA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NC)	
PTA2BN04V0	3500 LPM	½"	½"	½"	Spring Return(NO)	
PVA2BN04V0	3500 LPM	½"	½"	½"	Manual Return	

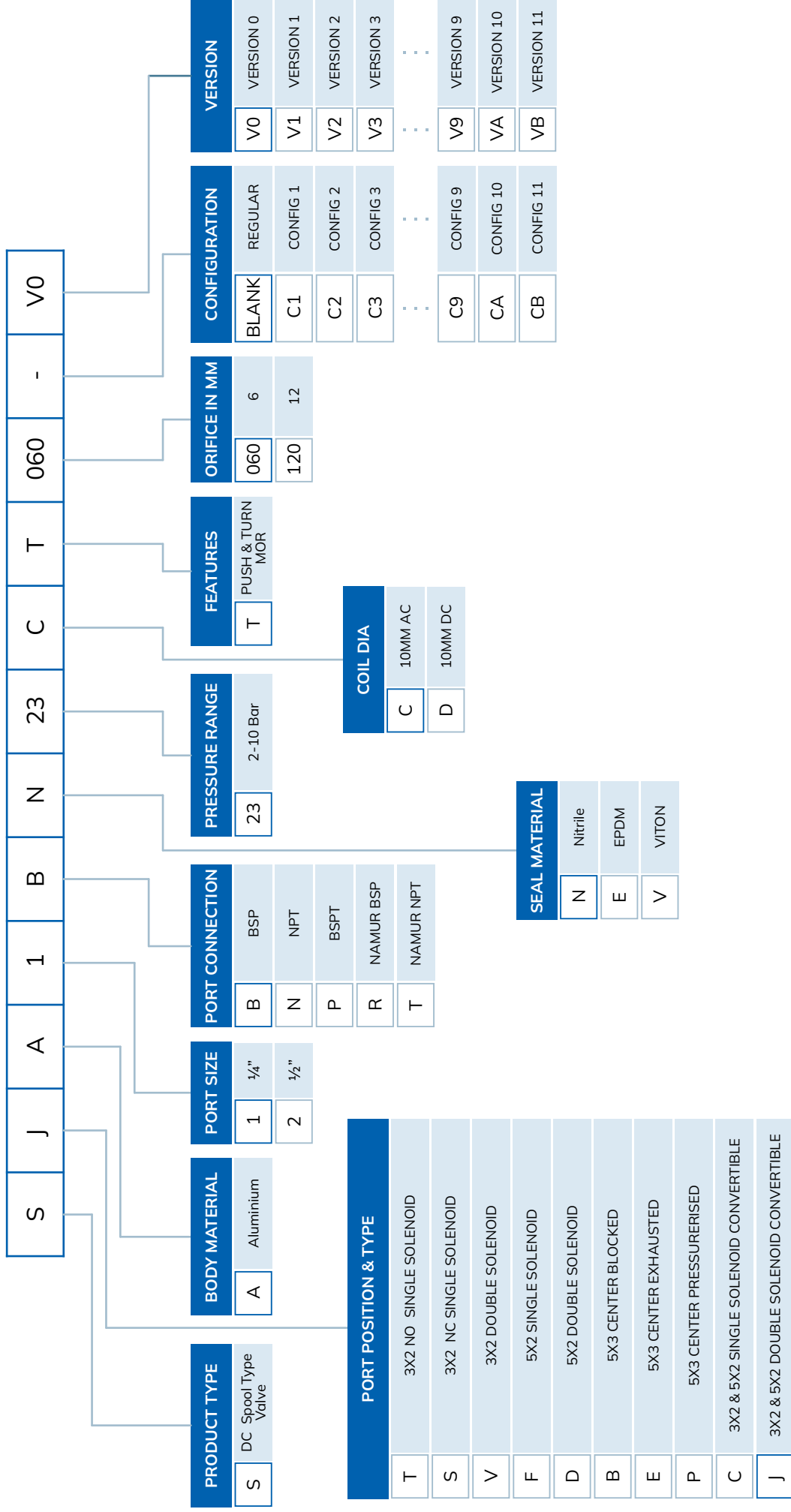
5X2 Push pull valve manual and spring return



1 - Input, 2/4 - Output, 3/5 - Exhaust

Model No.	Flow (at 6 Bar)	Port Size			Function	Symbol
		In	Out	Exh		
PFA1BN04V0	1200 LPM	¼"	¼"	⅙"	Spring Return	
PDA1BN04V0	1200 LPM	¼"	¼"	⅙"	Manual Return	
PFA2BN04V0	3500 LPM	½"	½"	½"	Spring Return	
PDA2BN04V0	3500 LPM	½"	½"	½"	Manual Return	

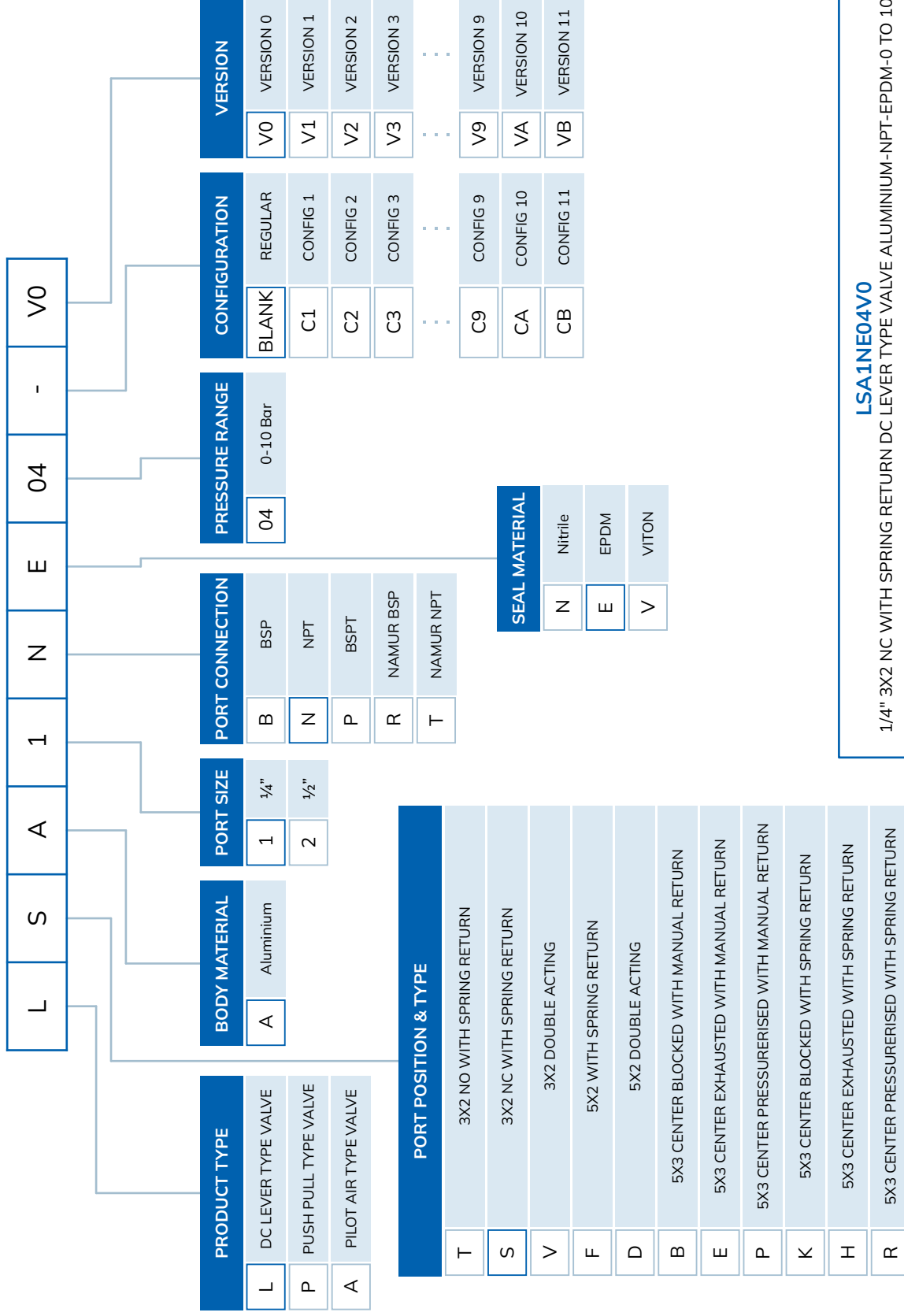
DC SOLENOID VALVE MODEL IDENTIFICATION CHART



SJA1BN23CT060V0

1/4" 3X2 & 5X2 DOUBLE SOLENOID CONVERTIBLE DC SPOOL TYPE VALVE ALUMINIUM-BSP-NITRILE-2 TO 10 Bar-10MM AC-PUSH & TURN MOR-6MM ORIFICE

DC MANUAL MODEL IDENTIFICATION CHART



LSA1NE04V0

1/4" 3X2 NC WITH SPRING RETURN DC LEVER TYPE VALVE ALUMINIUM-NPT-EPDM-0 TO 10 Bar

Our Clients



Global Presence...



Made In India



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