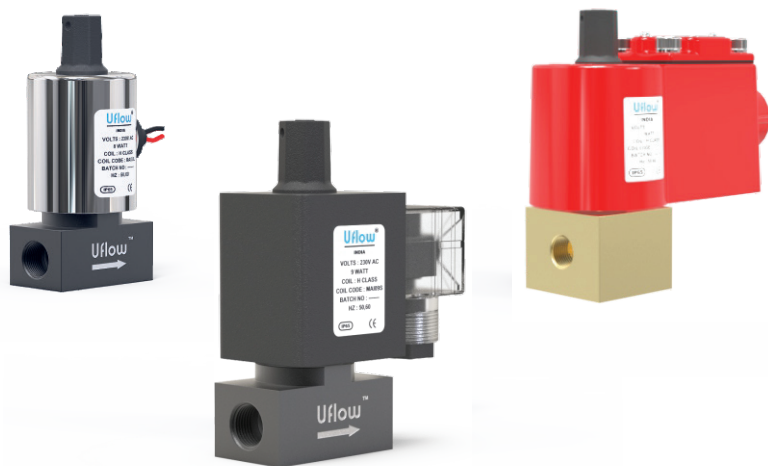


DAS SERIES
3/2 WAY DIRECT ACTING
SOLENOID VALVE (NC / NO)

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

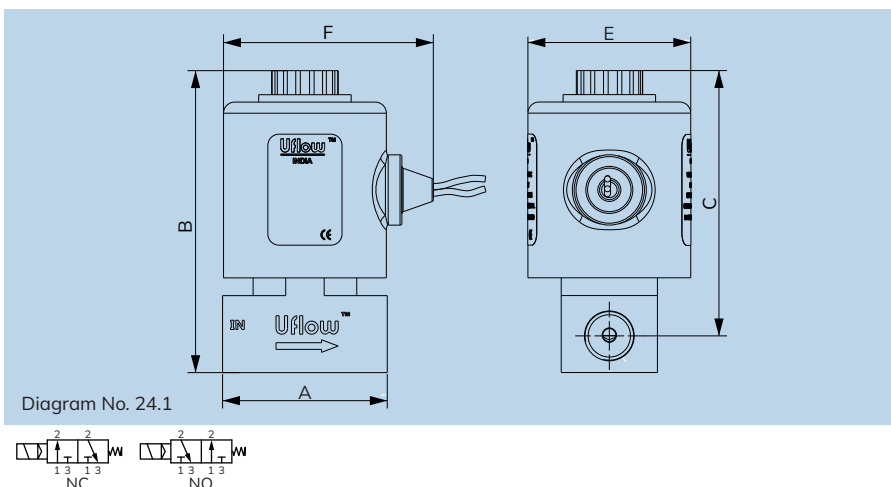
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Port :	1/8", 1/4", 3/8" & 1/2"(Available BSP / NPT)				
End Connection :	Screwed				
Body Material :	SS ASTM A351 Grade CF8 / CF8M, Forged Brass, Aluminium				
Diaphragm:	Nitrile (NBR)	EPDM	Viton (FKM)		
Media Temp:	-30°C to 90°C	-10°C to 140°C	-10°C to 180°C		
Circumstance Temp :	-10°C to 70°C				
Media :	Air, Water, Chemical, Gas, Oil, Diesel, Kerosene, LPG.				
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 :	24AC	110AC	230AC	12DC	24DC
Power Consumption :	9W	9W	9W	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, IP67 Flameproof enclosure, IP68 Weatherproof enclosure.				
Optional Feature :	90% Power saver series also available.				
Other Specification Data :	Available on Request. - Manual Override				

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

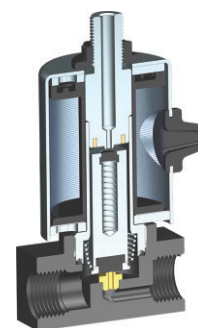
Dimension - NC (All dimensions are in mm)

All Dimensions are approx.

Model No.	Port Size	Diagram No.	A	B	C	E	F
DAS-TA104E015	1/4"	24.1	45	93	83	38	49
DAS-TR104E015	1/4"	24.1	43	95	86	38	49
DAS-T104E015	1/4"	24.1	43	95	85	38	49
DAS-TR704E015	3/8"	24.1	48	100	86	38	49
DAS-TR204E015	1/2"	24.1	48	100	87	38	49
DAS-T204E015	1/2"	24.1	48	100	86	38	49
DAS-TR004C012	1/8"	24.1	38	58	49	28	33
DAS-TR104C012	1/4"	24.1	38	58	49	28	33

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

Section View



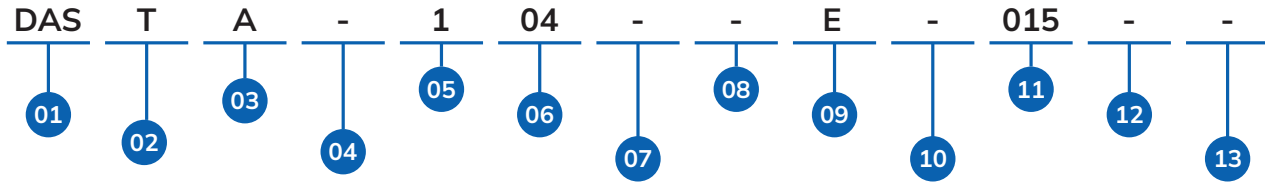
Technical Data

Model No.	Body Material	Port Size	Orifice (mm)		Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ / hr	
			NC	NO				NC	NO
DAS-TA119E025	Aluminium	1/4"	2.5	-	0	5	NBR / FKM / EPDM	0.16	--
DAS-TA104E015	Aluminium	1/4"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-TA105E009	Aluminium	1/4"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-TA111E009	Aluminium	1/4"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-TA118E009	Aluminium	1/4"	0.9	0.9	0	40	NBR / FKM / EPDM	0.03	0.03
DAS-TA104R1E015	Aluminium	In : 1/4", Out : Namur	1.5	-	0	10	NBR / FKM / EPDM	0.07	--
DAS-TA704E015	Aluminium	3/8"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-TA204E015	Aluminium	1/2"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07

Technical Data

Model No.	Body Material	Port Size	Orifice (mm)		Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ / hr	
			NC	NO				NC	NO
DAS-TA205E009	Aluminium	½"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-TR004E015	Brass	⅛"	1.5	NA	0	10	NBR / FKM / EPDM	0.07	--
DAS-TR119E025	Brass	¼"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-TR104E020	Brass	¼"	2	1.5	0	10	NBR / FKM / EPDM	0.11	0.07
DAS-TR105E009	Brass	¼"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-TR111E009	Brass	¼"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-TR118E009	Brass	¼"	0.9	0.9	0	40	NBR / FKM / EPDM	0.03	0.03
DAS-TR719E025	Brass	⅜"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-TR704E015	Brass	⅜"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-TR705E009	Brass	⅜"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-TR711E009	Brass	⅜"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-TR219E025	Brass	½"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-TR204E015	Brass	½"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-TR205E009	Brass	½"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-TR211E009	Brass	½"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-TR218E009	Brass	½"	0.9	0.9	0	40	NBR / FKM / EPDM	0.03	0.03
DAS-T119E025	SS304	¼"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-T104E015	SS304	¼"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-T105E009	SS304	¼"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-T118E009	SS304	¼"	0.9	0.9	0	40	NBR / FKM / EPDM	0.03	0.03
DAS-T111E009	SS304	¼"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-T719E025	SS304	⅜"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-T704E015	SS304	⅜"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-T705E009	SS304	⅜"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-T711E009	SS304	⅜"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-T219E025	SS304	½"	2.5	NA	0	5	NBR / FKM / EPDM	0.16	--
DAS-T204E015	SS304	½"	1.5	1.5	0	10	NBR / FKM / EPDM	0.07	0.07
DAS-T205E009	SS304	½"	0.9	0.9	0	16	NBR / FKM / EPDM	0.03	0.03
DAS-T211E009	SS304	½"	0.9	0.9	0	25	NBR / FKM / EPDM	0.03	0.03
DAS-TA104C012	Aluminium	¼"	1.2	NA	0	10	NBR / FKM / EPDM	0.04	--
DAS-TR014C025	Brass	⅛"	2.5	NA	0	3	NBR / FKM / EPDM	0.16	--
DAS-TR004C012	Brass	⅛"	1.2	NA	0	10	NBR / FKM / EPDM	0.04	--
DAS-TR104C012	Brass	¼"	1.2	NA	0	10	NBR / FKM / EPDM	0.04	--
DAS-TR103C012	Brass	¼"	1.2	NA	0	7	NBR / FKM / EPDM	0.04	--
DAS-TR114C025	Brass	¼"	2.5	NA	0	3	NBR / FKM / EPDM	0.16	--
DAS-T103C016	SS304	¼"	1.6	NA	0	7	NBR / FKM / EPDM	0.07	--
DAS-T718E009	SS304	⅜"	0.9	NA	0	40	NBR / FKM / EPDM	0.03	--

DAS - SERIES DIRECT ACTING SQUARE TYPE SOLENOID VALVE MODEL CHART



01	SERIES
	DAS

02	PRODUCT TYPE
D	2 Way
T	3 Way

03	BODY MATERIAL
-	SS304
6	SS316
R	Brass Bar
L	SS316L
A	Aluminium

04	SEAL MATERIAL
-	Nitrile
E	EPDM
V	Viton
S	Silicone
F	SPL Viton
U	Fluoro Silicone
J	Viton GLT
P	PTFE
T	Low Temp NBR
D	HNBR
K	PEEK
N	Buna N

05	PORT SIZE
-	1/8"
1	1/4"
2	1/2"
3	3/4"
5	7/8"
7	3/8"
8	M14
H	M5
O	Manifold Mount

06	PRESSURE RANGE
00	0 to 350 Mbar
01	0 to 500 Mbar
02	0 to 2 Bar
03	0 to 7 Bar
04	0 to 10 Bar
05	0 to 16 Bar
07	0.5 to 8.5 Bar
11	0 to 25 Bar
12	0 to 150 Bar
13	0 to 4 Bar
14	0 to 3 Bar
15	0 to 1 Bar
17	0 to 60 Bar
18	0 to 40 Bar
19	0 to 5 Bar
20	0 to 100 Bar

07	PORT CONNECTION
-	BSP
N	NPT
P	BSPT
R1	Namur Bsp
T1	Namur Npt
2	Manifold
4	UNF
9	MM
5	Barb

08	VALVE POSITION
-	NC
Z	NO
Y	Universal
D1	Diverting
X	Mixing
R	BI directional NC
S	BI directional NO

09	COIL DIA
A	8 MM AC
B	8 MM DC
C	10 MM AC
D	10 MM DC
E	14 MM AC
F	14 MM DC
G	14 MM FLP AC
H	14 MM FLP DC
I	18 MM AC
J	18 MM DC
K	30 MM AC
L	30 MM DC
M	28 MM
O	5.5 MM DC
Q	5 MM DC
T	12 MM AC
U	12 MM DC
V	18 MM FLP AC
W	18 MM FLP DC
5	14 MM SS FLP AC
6	14 MM SS FLP DC
7	14mm Bottom Cable Entry Exp. AC
7D	14mm Bottom Cable Entry Exp. DC
8	18mm Bottom Cable Entry Exp.AC
8D	18mm Bottom Cable Entry Exp. Dc

10	FEATURES
-	W/O Mor
M	Turn Mor
P	Push Mor
M1	Push & Turn Mor
P1	Pull Mor
3	3 Position Mor

12	CONFIGURATION
-	REGULAR
C1	CONFIG 1
...	...
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

13	VERSION
-	VERSION 0
V1	VERSION 1
...	...
V9	VERSION 9
VA	VERSION 10

11	ORIFICE IN MM
100	10MM ORIFICE
120	12MM ORIFICE
152	15.2MM ORIFICE
170	17MM ORIFICE
180	18MM ORIFICE
200	20MM ORIFICE
250	25MM ORIFICE
300	30MM ORIFICE
005	0.5MM ORIFICE
006	0.6MM ORIFICE
007	0.7MM ORIFICE
008	0.8MM ORIFICE
009	0.9MM ORIFICE
010	1MM ORIFICE
012	1.2MM ORIFICE
013	1.3MM ORIFICE
015	1.5MM ORIFICE
016	1.6MM ORIFICE
018	1.8MM ORIFICE
020	2MM ORIFICE
022	2.2MM ORIFICE
025	2.5MM ORIFICE
028	2.8MM ORIFICE
030	3MM ORIFICE
031	3.1MM ORIFICE
035	3.5MM ORIFICE
040	4MM ORIFICE
045	4.5MM ORIFICE
050	5MM ORIFICE
060	6MM ORIFICE
064	6.4MM ORIFICE
070	7MM ORIFICE
080	8MM ORIFICE

DAS-TA104R1E015

1/4" 3 WAY DIRECT ACTING ALUMINIUM-NITRILE-0 TO 6 BAR
-NPT-NC-14MM FLP AC-2.5MM ORIFICE