

MUST series

3/2 WAY UNIVERSAL SOLENOID VALVE



Order example:

MUST-06-2-N-C-5-D-AC110

MODEL

CODE

03 : 1/8
06 : 1/4
08 : 1/4
10 : 3/8

SEAL MAT'L

N : NBR
V : VITON

PLUG

□: DIN
D: LED
G: 1/2" NPT
Y: 2 wires

VOLTAGE

AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V

FIG.
1, 2, 3, 4,
5, 6, 7

EXHAUST ACCESSORY

U	Without	M Size
F	PS female	19.0
C	With cap*	9.5
P	1/8" PS Male	12.0

COIL

2, 3, 2E,
4, 5, 3E

(※) Explosion-Proof (2E/3E) coil with LED (D) plug is not applicable.

* C means with dust-proof and silencer cap. Material:PA.

Specification :

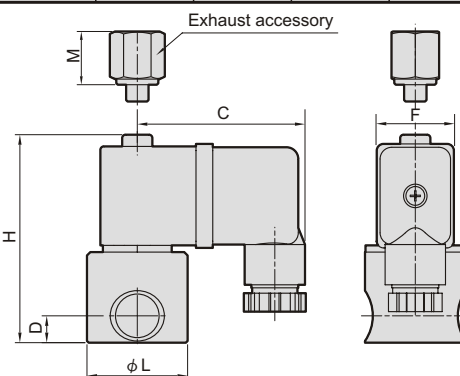
- IP65 waterproof coil.
- Continuous cycle, 100% ED.
- Ex coil is EExm II T4 or EEx ia II C T6 PTB approval.

Power consumption:

Coil power	2	3	2E	4	5	3E
AC(VA)	6.9	8.0	4.8	15.4	23.0	9.2
DC(W)	6.2	6.8	5.2	15.0	18.5	10.0

Dimensions:

Model	MUST			
Code Dimension (mm)	03	06	08	10
A	18.0	23.0	31.0	31.0
B	M4	M4	M5	M5
C	50.0	50.0	53.0	53.0
D	7.0	8.0	11.5	11.5
F	22.0	22.0	29.0	29.0
H	56.5	62.0	85.0	85.0
L	25.0	30.0	40.0	40.0
N.W.(Kg)	0.23	0.28	0.52	0.60

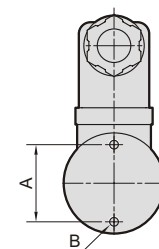


Specification:

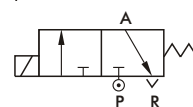
Model MUST : 303 S.S. Bar body, 3/2 way N.C., N.O., for water, air, gas, light oil, vacuum (10⁻¹ torr Max.).

Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifice(mm)		Temp.°C				Max. O.P.D. bar (Min. 0 bar)						Cv		
				Body	Top	Coil 2		Coil 3/2E		Coil 2		Coil 3		Coil 2E				
						N	V	N	V	1	2	1	2	1	2			
03(1/8) 06(1/4)	1	N 、 V	2 、 3 、 2E	0.8	1.0	-5 80	-10 90	-5 80	-10 120	10	10	14	13	10	10	0.02		
	2			1.0						7		10		7		0.03		
	3			1.2						6		7		6		0.05		
	4			1.6	1.2					1	1	4	7	5	10	4	7	0.09
	5			2.0						3	4	3	3	7	5	0.14		
	6			2.4						2	5	3	7	2	5	0.18		
	7			3.0	1.5					1	1	2	2	1	1	5	0.23	

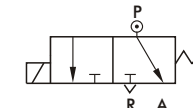
Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifice(mm)		Temp.°C				Max. O.P.D. bar (Min. 0 bar)						Cv
				Body	Top	Coil 4		Coil 5/3E		AC/DC						
						N	V	N	V	1	2	1	2	1	2	
08(1/4) 10(3/8)	1	N 、 V	4 、 5 、 3E	1.3	1.6	-5 80	-10 145	-5 80	-10 145	10	13	16	16	10	13	0.07
	2			7						13		7		0.10		
	3			5						10		5		0.15		
	4			2.5	2.0					4	10	7	13	4	10	0.20
	5			3.0						3		5		3		0.31
	6			4.0						2.5		2		7		3
	7			5.0	3.0					1	5	2	7	1	5	0.80



3/2 Function 1



3/2 Function 2



※O.P.D. of function1, 2 refer to specification table.