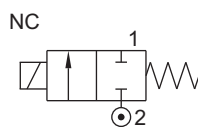


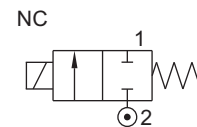
2/2 DIRECT ACTING NORMALLY CLOSED SOLENOID VALVE

TYPE	PRESSURE

TYPE	PRESSURE
20124	0 - 1.5 bar
20126V1	0 - 225 bar



TYPE	PRESSURE
20101	0 - 63 bar
20126	0 - 110 bar
20123	0 - 0.2 bar



FEATURES

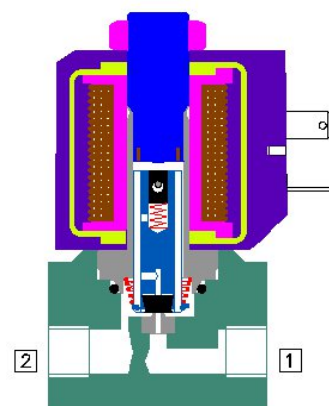
- Bubble tight shut off
- Suitable for vacuum up to 10⁻⁶ torr
- Vibration resistance up to 9g
- Mounts in any position
- Suitable for high speed cycling up to 1000 cycles/ min.
- Life >10 million cycles
- Manual override optionally provided



WETTED PARTS

Code	※	B2	B5
Body	Anodized Aluminium	Brass	SS 316
Internals	Aluminium	Brass	SS 316
Guide Assembly	SS 304		
Shadow-Ring	Copper/ Silver/ None		
Plunger, Insert	SS 430		
Spring	SS 302		
Seat, Seals	NBR, Viton, EPDM, PTFE		

※ Do not specify code if opted for. Refer Page # 22 for Value of ※



AMBIENT AND FLUID TEMPERATURE

-30 °C to 75 °C

SPECIAL VERSION AND SUFFIX

Suffix : (Valve) OX, AM, WO
Special version : (Solenoid) CO, FR, SS, LC, III, TM

MEDIA

Air, Inert Gases, Water, Vacuum, Free Flowing Liquid, Oil, Diesel, Kerosene, LPG, Furnace Oil

APPLICATION

Dispensing, Analyzer, Drain

PORT CONNECTION

INLET	OUTLET
2	1

Contact Rotex for

- Any other ambient, fluid temperature, media and application
- UL listed, Listed general purpose Valve



1/2 DIRECT ACTING NORMALLY CLOSED SOLENOID VALVE

SPECIFICATION

PORT CONNECTION			PRE-SURE bar		VALVE TYPE	PILOT PRESSURE	BODY MATERIAL AND INTERNALS					SEALS					MANUAL OVERRIDE		SOLENOID ENCLOSURE				SUFFIX		POWER VA		CONSTRUCTION REFERENCE NUMBER			
SIZE	BSP(F)	NPT(F)	MINIMUM	MAXIMUM			NW ORIFICE (mm)	FLOW FACTOR Kv (LPM OF WATER @ 1 bar ΔP)	ALUMINIUM	ALUMINIUM + SS	BRASS (STD. PORT NPT)	SS 316/CF8 (STD. PORT NPT)	NBR	Viton	EPDM	HYTREL	PTFE	NIL	STAYPUT CUM MOMENTARY	MOMENTARY	FLYING LEAD	PLUG IN, IP67	SQ. PLUG IN, IP67	TERMINAL BOX IP67	FPJB Ex d IIC, T4 OR T6, IP67	LARGE ENCLOSURE		SOLENOID SIZE	OXYGEN	AMONIA

1/2 NORMALLY CLOSED

1/8"	1G	1R	0	2.5	5	9	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	4	4	7	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	6	3.5	5	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	6	5	9	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F		25	T	E	III	18	✓	✓	13	13	13	C
			0	8	3	4	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	10	4	7	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F		25	T	E		18	✓	✓	13	13	13	C
			0	12	2.5	3.5	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	15	2.2	2.5	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	15	3.5	5	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F		25	T	E		18	✓	✓	13	13	13	C
1/4"	2G	2R	0	20	1.8	1.8	20101	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	25	1.6	1.4	20101	*	B2	B5	*	S2	S1	S8	*	M12	M5	F	22	25	T	E	III	14	✓	✓	18	12	8	A
3/8"	3G	3R	0	25	3	4	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F		25	T	E		18	✓	✓	13	13	13	C
			0	32	2.5	3.5	20126	*	B2	B5	*	S2	S1	S8	*	M12	M5	F		25	T	E		18	✓	✓	13	13	13	C
1/2"	4G	4R	0	40	2.2	2.5	20126	*	B2	B5	*	S2	S1	S8	*	M12	M5	F		25	T	E		18	✓	✓	13	13	13	C
			0	50	1.8	1.8	20126	*	B2	B5	*	S2	S1	S8	*	M11	M4	F		25	T	E		18	✓	✓	13	13	13	C
			0	60	1.2	0.7	20101	*	B2	B5					*	M11	M4	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	63	1.6	1.4	20126	*	B2	B5					*	M11	M4	F		25	T	E		18	✓	✓	13	13	13	C
			0	100	1.2	0.7	20126V1	*	B2	B5					*	M11	M4	F		25	T	E		18	✓	✓	13	13	13	C
			0	150	0.8	0.5	20101	*	B2	B5					*	M11	M4	F	22	25	T	E	III	14	✓	✓	18	12	8	A
			0	225	0.8	0.5	20126V1	*	B2	B5					*	M11	M4	F		25	T	E		18	✓	✓	13	13	13	C
3/8"	3G	3R	0	4	6	12	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F		25	T	E		18	✓	✓	13	13	13	D
1/2"	4G	4R	0	1.5	12	50	20124	*			*				*			F		25	T	E		18	✓	✓	13	13	13	12
			0	0.2		30	20123	*			*				*			F		25	T	E		18	✓	✓	13	13	13	11
			0	6	5	9	20126	*	B2	B5	*	S2	S1	S8	*	M6	M8	F	22	25	T	E		18	✓	✓	13	13	13	D
3/4"	6G	6R	0	0.2	16	30	20123	*			*				*			F		25	T	E		18	✓	✓	13	13	13	11
1"	8G	8R	0	0.2	16	30	20123	*			*				*			F		25	T	E		18	✓	✓	13	13	13	11

Cable Entry	T	E	F
M20 x 1.5	19	39	Flying lead IP54 *
1/2" NPT	16	37	Flying lead IP67 01

* = Do not specify when opted for. Refer Page # 22 for Value of *
 ✓ = Options available

Code	Construction Reference
A	1, 3, 5, 7
B	2, 4, 6, 8
C	9, 13
D	10, 14



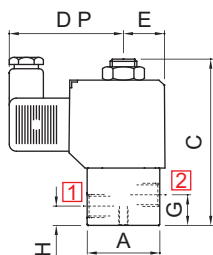
2/2 DIRECT ACTING NORMALLY CLOSED SOLENOID VALVE

ORDERING CODE AND EXAMPLE VALVE + SOLENOID

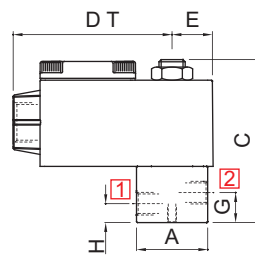
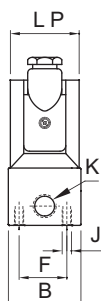
TYPE - SUFFIX - ORIFICE - PORT CONNECTION - BODY AND INTERNALS - MANUAL OVERRIDE - SEAL + SIZE - VOLTAGE - CURRENT - SOLENOID ENCLOSURE - APPROVAL - INSULATION - SPECIAL VERSION
eg.: 20126-4-2G+220V 50Hz-25; 20101-2.2-2R-B5-M6-S2+24V DC-37-01-H-CO-III

DIMENSIONS

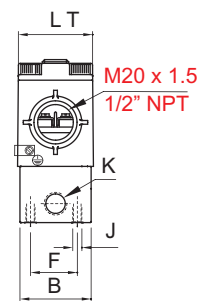
All Dimensions are in mm



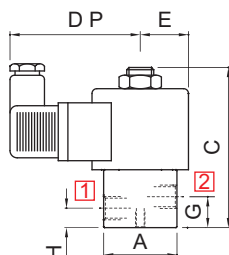
PLUG IN SOLENOID TYPE 22



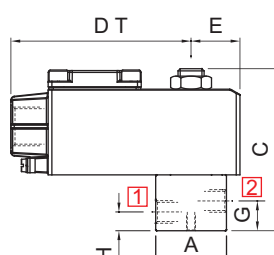
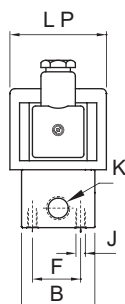
TERMINAL BOX/ Ex d TYPE 16, 19, 37, 39



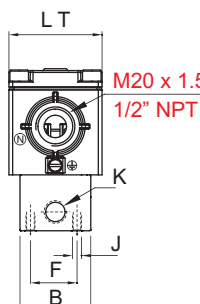
K (PORT SIZE)	A	B	C	DP	DT	E	F	G	H	J	LP	LT	BODY MATL.	CONST. REF.
VALVE TYPE : 20101														
1/8", 1/4"	38	38	87	60	85	22	25	16	10	M6	36	40	AL, BR	1
3/8", 1/2"	60	38	95	60	85	22	25	20.5	20.5	M6	36	40	AL, BR	2
1/8", 1/4"	44	Ø48	91	60	85	22	25	17	10.5	M6	36	40	SS	3
3/8", 1/2"	58	Ø62	111	60	60	22	25	14	14	M6	36	40	SS	4



PLUG IN SOLENOID TYPE 25



TERMINAL BOX/ Ex d LARGE ENCLOSURE
TYPE 16,19,37,39,LC

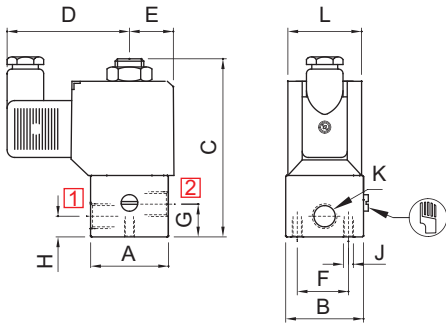


K (PORT SIZE)	A	B	C	DP	DT	E	F	G	H	J	LP	LT	BODY MATL.	CONST. REF.
VALVE TYPE : 20101														
1/8", 1/4"	38	38	87	66	97	26	25	16	10	M6	Ø50	50	AL, BR	5
3/8", 1/2"	60	38	95	66	97	26	25	20.5	20.5	M6	Ø50	50	AL, BR	6
1/8", 1/4"	44	Ø48	91	66	97	26	25	17	10.5	M6	Ø50	50	SS	7
3/8", 1/2"	58	Ø62	111	68	103	28	25	14	14	M6	Ø50	50	SS	8
VALVE TYPE : 20126														
1/8", 1/4"	50	50	102	68	103	28	25	17	10.5	M6	Ø50	50	AL, BR	9
3/8", 1/2"	65	50	108	68	103	28	25	14	14	M6	Ø50	50	AL, BR	10
1/8"	44	Ø48	91	66	103	28	25	17	10.5	M6	Ø50	50	SS	13
3/8"	58	Ø62	111	68	103	29	25	14	14	M6	Ø50	50	SS	14
VALVE TYPE : 20123, 20124														
3/8", 1/2"	65	50	108	68	103	28	25	15	21	M6	Ø50	50	AL, BR	11

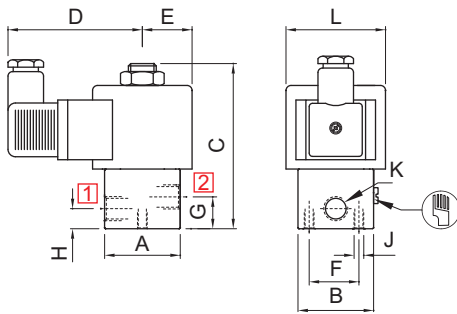
1/2 DIRECT ACTING NORMALLY CLOSED SOLENOID VALVE

DIMENSIONS

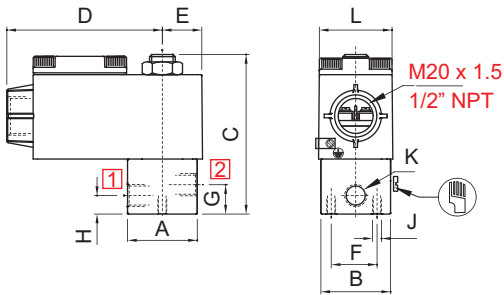
All Dimensions are in mm



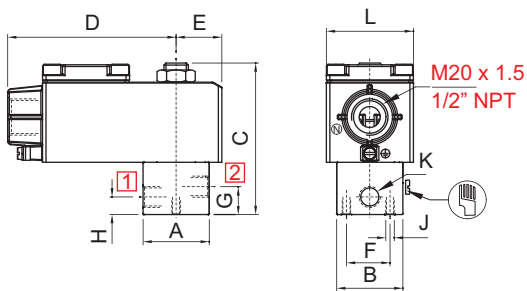
MANUAL OVERRIDE OPTIONALLY PROVIDED



MANUAL OVERRIDE OPTIONALLY PROVIDED



MANUAL OVERRIDE OPTIONALLY PROVIDED



MANUAL OVERRIDE OPTIONALLY PROVIDED

PLUG IN SOLENOID TYPE 22

K (PORT SIZE)	A	B	C	D	E	F	G	H	J	L	BODY MATL.	CONST. REF.
VALVE TYPE : 20101 WITH MO												
1/8", 1/4"	38	38	87	60	22	25	16	10	M6	36	AL, BR	1
3/8", 1/2"	60	38	95	60	22	25	20.5	20.5	M6	36	AL, BR	2
1/8", 1/4"	44	Ø48	91	60	22	25	17	10.5	M6	36	SS	3
3/8", 1/2"	58	Ø62	111	60	22	25	14	14	M6	36	SS	4

SQUARE PLUG IN SOLENOID TYPE 25

K (PORT SIZE)	A	B	C	D	E	F	G	H	J	L	BODY MATL.	CONST. REF.
VALVE TYPE : 20101 WITH MO												
1/8", 1/4"	38	38	87	66	25	25	16	10	M6	Ø50	AL, BR	5
3/8", 1/2"	60	38	95	66	25	25	20.5	20.5	M6	Ø50	AL, BR	6
1/8", 1/4"	44	Ø48	91	66	25	25	17	10.5	M6	Ø50	SS	7
3/8", 1/2"	58	Ø62	111	68	22	25	14	14	M6	Ø50	SS	8
VALVE TYPE : 20126 WITH MO												
1/8", 1/4"	50	50	104	68	25	25	17	10.5	M6	Ø50	AL, BR	9
3/8", 1/2"	65	50	104	68	25	25	14	14	M6	Ø50	AL, BR	10
1/4"	44	Ø48	91	66	25	25	17	10.5	M6	Ø50	SS	13
1/2"	58	Ø62	111	68	29	25	14	14	M6	Ø50	SS	14
VALVE TYPE : 20123, 20124 WITH MO												
1/2"	65	50	110	68	25	25	15	21	M6	Ø50	AL, BR	12

TERMINAL BOX/ Ex d ENCLOSURE, TYPE 16, 19, 37, 39

K (PORT SIZE)	A	B	C	D	E	F	G	H	J	L	BODY MATL.	CONST. REF.
VALVE TYPE : 20101 WITH MO												
1/8", 1/4"	38	38	87	85	22	25	16	10	M6	39	AL, BR	1
3/8", 1/2"	60	38	95	85	22	25	20.5	20.5	M6	39	AL, BR	2
1/8", 1/4"	44	Ø48	91	85	22	25	17	10.5	M6	39	SS	3
3/8", 1/2"	58	Ø62	111	60	22	25	14	14	M6	39	SS	4

TERMINAL BOX/ Ex d LARGE ENCLOSURE, TYPE 16, 19, 37, 39, LC

K (PORT SIZE)	A	B	C	D	E	F	G	H	J	L	BODY MATL.	CONST. REF.
VALVE TYPE : 20101 WITH MO												
1/8", 1/4"	38	38	87	97	26	25	16	10	M6	50	AL, BR	5
3/8", 1/2"	60	38	95	97	26	25	20.5	20.5	M6	50	AL, BR	6
1/8", 1/4"	44	Ø48	91	97	26	25	17	10.5	M6	36	SS	7
3/8", 1/2"	58	Ø62	111	103	28	25	14	14	M6	50	SS	8
VALVE TYPE : 20126 WITH MO												
1/8", 1/4"	50	50	102	103	28	25	17	10.5	M6	50	AL, BR	9
3/8", 1/2"	65	50	102	103	28	25	14	14	M6	50	AL, BR	10
1/4"	44	Ø48	91	103	28	25	17	10.5	M6	50	SS	13
1/2"	58	Ø62	111	103	29	25	14	14	M6	50	SS	14
VALVE TYPE : 20123, 20124 WITH MO												
3/8", 1/2"	65	50	108	103	28	25	15	21	M6	50	AL, BR	11