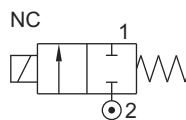


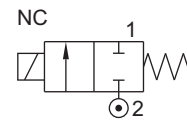
2/2 DIRECT ACTING, HIGH ORIFICE NORMALLY CLOSED SOLENOID VALVE

TYPE	PRESSURE

TYPE	PRESSURE
20172V02LP	0 - 5 bar
20172V03LP-40	0 - 5 bar



TYPE	PRESSURE
20172V02	0 - 10 bar
20172V03-40	0 - 10 bar

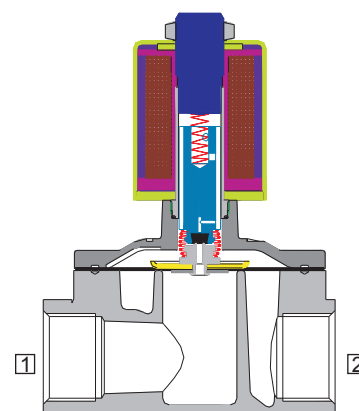


FEATURES

- Bubble tight shut off
- Vibration resistance up to 9g
- Suitable for high speed cycling
- Speed up to 100 cycles/ min.
- Life >2 million cycles
- Mount Valve Horizontal Only (PIPE Connection Perrelal to Ground)

WETTED PARTS

Code		B12	B13
Body		CF8M	CF8
Diaphragm	Viton, NBR, EPDM		
Guide Assembly	SS 304		
Shadow-Ring	Copper		
Plunger, Insert	SS 430		
Spring	SS 302		
Seat, Seals	NBR, Viton, EPDM		
Fasteners	SS 304		



AMBIENT AND FLUID TEMPERATURE

-30 °C to 75 °C

SPECIAL VERSION AND SUFFIX

Suffix : (Valve) OX, AM
Special version : (Solenoid) CO, FR, SS

MEDIA

Air, Inert gases, Water, Free flowing liquid, Oil, Diesel, Kerosene, LPG, CNG

APPLICATION

Drain shut off

PORT CONNECTION

ACTION	INLET	OUTLET
NC	2	1

SPARES

(Refer page 25 for ordering code)

SPARE KIT	CODE
Diaphragm Kit : Diaphragm Set	100
Seal Kit : Oring Set, Diaphragm Set, Plunger Assembly	98
Repair Kit : Oring Set, Diaphragm Set, Plunger Assembly, Fastener, Springs, Guide Assembly	99
Solenoid Kit : Solenoid, Gasket and Nut	34

APPROVAL

(★ applied for)

Approval	TYPE 4X, 6P	IP67	Ex d IIC T4 or T5 or T6 IP66	Ex ia IIC T6 IP67	DGMS	CCOE
		✓	✓	✓	✓	✓
CE						
UL						
EAC						

Contact Rotex for any other ambient, fluid temperature, media and application



2/2 DIRECT ACTING, HIGH ORIFICE NORMALLY CLOSED SOLENOID VALVE

SPECIFICATION

PORT CONNECTION			PRE-SSURE bar		ORIFICE (mm)	FLOW FACTOR kv (LPM OF WATER @ 1 bar ΔP)	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					ALUMINIUM	CF8M & SS316	BRASS	CF8 & SS316	NBR	Viton	EPDM	HYTREL	PTFE	NIL	STAYPUT CUM MOMENTARY					
								</																

2/2 NORMALLY CLOSED

1/2"	4G	4R	0	10	12	50	20172V02		B12	B13	S0	S2					*							T	E	18	✓	✓	30	30	30	15
3/4"	6G	6R	0	10	20	95	20172V02		B12	B13	S0	S2					*							T	E	18	✓	✓	30	30	30	20
1"	8G	8R	0	10	25	160	20172V02		B12	B13	S0	S2					*							T	E	18	✓	✓	30	30	30	20
1 1/2"	12G	12R	0	10	40	350	20172V03		B12	B13	S0	S2					*							T	E	18	✓	✓	30	30	30	30
1/2"	4G	4R	0	5	12	50	20172V02LP		B12	B13	S0	S2					*						25	T	E	18	✓	✓	20	20	15	15
3/4"	6G	6R	0	5	20	95	20172V02LP		B12	B13	S0	S2					*						25	T	E	18	✓	✓	20	20	15	20
1"	8G	8R	0	5	25	160	20172V02LP		B12	B13	S0	S2					*						25	T	E	18	✓	✓	20	20	15	20
1 1/2"	12G	12R	0	5	40	350	20172V03LP		B12	B13	S0	S2					*						25	T	E	18	✓	✓	20	20	15	30
2"	16G	16R	0	5	50	560	20172V02LP		B12	B13	S0	S2					*						25	T	E	18	✓	✓	20	20	15	30

SOLENOID 18

Cable Entry	T	E				
		Ex d			Ex emb	
M20 x 1.5	19 17MS	39	87MS		58MS	58LTMS
M25 x 1.5	17		87		58	58LT
1/2" NPT	16 17NS	37	87NS		58NS	58LTNS

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

ORDERING CODE AND EXAMPLE VALVE + SOLENOID

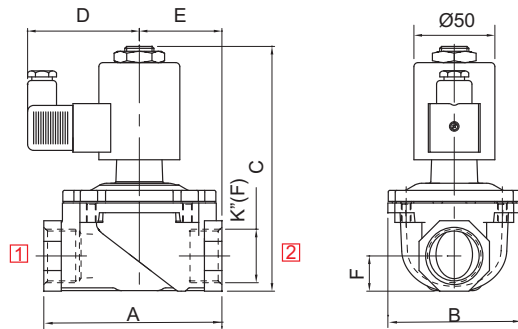
TYPE - SUFFIX - ORIFICE - PORT CONNECTION - BODY AND INTERNALS - SEAL - MEDIA +

SIZE - VOLTAGE - CURRENT - SOLENOID ENCLOSURE - SPECIAL VERSION - POWER - INSULATION - APPROVAL

e.g. 20172V02-25-8G+II-24V-DC-25-LW30;20172V02-12-4G-S2+II-230V-AC/DC-19-LW30-H

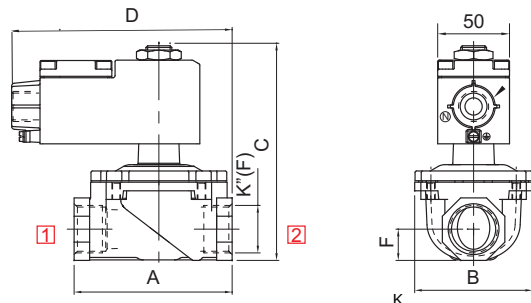
DIMENSIONS

All Dimensions are in mm



SQUARE PLUG IN SOLENOID TYPE 25

NW	K (PORT SIZE)	A	B	C	D	E	F	CONST. REF.
VALVE TYPE : 20172V02/20172V03/20172V02LP								
12	1/2", 3/8", 1/4"	65	50	124	66	29	15	29
20	3/4"	84	64	137	66	42	17	30
25	1"	110	93	142	66	51	25	31
40	1 1/2"	135	94	157	68	68	30	32A



TERMINAL BOX/ Ex d LARGE ENCLOSURE, TYPE 16, 19, 37, 39, 58, 58LT, LC

NW	K (PORT SIZE)	A	B	C	D	E	F	CONST. REF.
VALVE TYPE : 20172V02/20172V03/20172V02LP								
12	1/2", 3/8", 1/4"	65	50	124	132	00	15	29
20	3/4"	84	64	137	132	00	17	30
25	1"	110	82	142	132	00	25	31
40	1 1/2"	135	94	157	132	00	30	
50	2"	165	140	190	132	00	38	32



Plug In Coil type 25 can be supplied only for 'DC' Voltages.