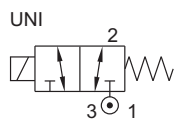
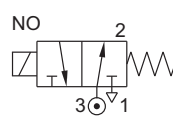


3/2 DIRECT ACTING, ALL PORTS IN BODY SOLENOID VALVE

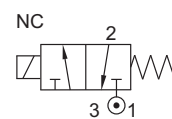
TYPE	PRESSURE
30370	0 - 12 bar



TYPE	PRESSURE
30270	0 - 20 bar

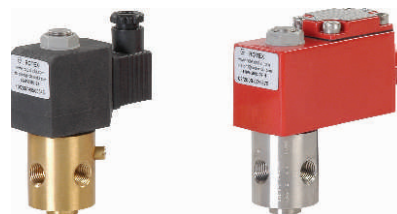


TYPE	PRESSURE
30170	0 - 20 bar



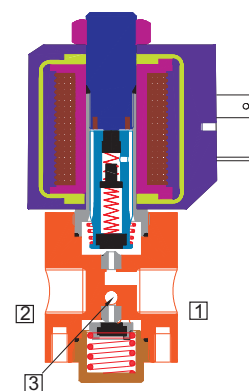
FEATURES

- Bubble tight shut off
- Mounts in any position
- Vibration resistance up to 6g
- Suitable for high speed cycling
- Speed up to 600 cycles/ min
- Life >10 million cycles
- Manual override optionally provided



WETTED PARTS

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



AMBIENT AND FLUID TEMPERATURE

-20 °C to 80 °C

SPECIAL VERSION AND SUFFIX

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

MEDIA

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

APPLICATION

Single acting actuator/ Cylinder, control valve actuation
Diverting/ mixing of fluid

PORT CONNECTION

FUNCTION	INLET	OUTLET	EXHAUST
NC	1	2	3
NO	3	2	1
Mixing	1 and 3	2	
Diverting	2	1 and 3	

Contact Rotex for

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



Specifications are subject to change without notice.



SPARES

(Refer page 25 for ordering code)

SPARE KIT	CODE
Seal Kit : Oring Set and Plunger Assembly	98
Repair Kit : Oring Set, Plunger Assembly, Springs, Manual Override	99
Solenoid Kit : Solenoid, Gasket and Nut	34

APPROVAL

(* applied for)

Approval	Nema 4X	IP67	Ex d IIC T4 or T5 or T6 IP66	Ex ia IIC T6 IP67	DGMS	CCOE
		✓	✓	✓	✓	✓
CE		✓	✓	✓		
UL	✓		*			
			✓	✓		
PC			✓	✓		
			*	*		

3/2 DIRECT ACTING, ALL PORTS IN BODY SOLENOID VALVE

SPECIFICATION

PORT CONNECTION		PRE-SURE 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	ALUMINIUM + SS	BRASS (STD PORT NPT)	SS 316/CF8M (STD. PORT NPT)	NBR	Viton	EPDM	HYTREL	PTFE	NIL	STAYPUT CUM MOMENTARY	WEATHER PROOF	EXPLOSION PROOF	FLYING LEAD	PLUG IN, IP67	SQ. PLUG IN, IP67	TERMINAL BOX IP67	SOLENOID SIZE	OXYGEN	AMONIA	

3/2 NORMALLY CLOSED

1/8"	1C	1R	0 4 3 4 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 6 2.5 3.5 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 10 1.8 1.8 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 20 1.2 0.7 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
1/4"	2G	2R	0 3 3.5 5 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 4 3 4 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 6 2.5 3.5 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 10 1.8 1.8 30170			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 20 1.2 0.7 30170			B2 B5	*	S2 S1				*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322	

3/2 NORMALLY OPEN

1/8"	1C	1R	0 4 3 4 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 6 2.5 3.5 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 10 1.8 1.8 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 20 1.2 0.7 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
1/4"	2G	2R	0 3 3.5 5 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 4 3 4 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 6 2.5 3.5 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 10 1.8 1.8 30270			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 20 1.2 0.7 30270			B2 B5	*	S2 S1				*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322	

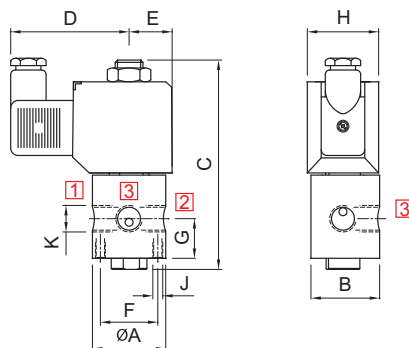
3/2 UNIVERSAL

1/8"	1C	1R	0 2 3 4 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 3 2.5 3.5 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 7 1.8 1.8 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 12 1.2 0.7 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
1/4"	2G	2R	0 1 3.5 5 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 2 3 4 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 3 2.5 3.5 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 7 1.8 1.8 30370			B2 B5	*	S2 S1					*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322
			0 12 1.2 0.7 30370			B2 B5	*	S2 S1				*	M6 M8	22 25	T E	14	✓	✓	18 12 8	322	

Cable Entry	T	E	※ = Do not specify when opted for
M20 x 1.5	19	39	✓ = Options available
1/2" NPT	16	37	

DIMENSIONS

All Dimensions are in mm



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
 e.g. 30170-1.8-2R-B5-M6+24V DC-01

K (PORT SIZE)	A	B	C	D	E	F	G	H	J	BODY MATL.	CONST. REF.
VALVE TYPE : 30170, 30270, 30370											
1/4"	Ø37	36	104	60	22	29	20	36	M5	BR, SS	322