

## 2 Port Solenoid Valve

### 2/2 Direct operated Solenoid Valves Technology



- **Floating Plunger technology**
- No stress on the rubber seats achieves long life
- Zero choke, non sliding construction
- Orifice nozzles profiled for long seat life & yet lower operating forces
- Lowest power consumption in the industry (Power to Cv)
- Plungers from SS430 (no magnetic retention) with ENP for greater corrosion resistance

- Normally Open & Normally Closed Version
- Orifice from 0.8 mm to 4 mm
- \* Pressure from vacuum to 110 bar(g)
- \* MOC – Hard Anodized Aluminum, Brass, & SS

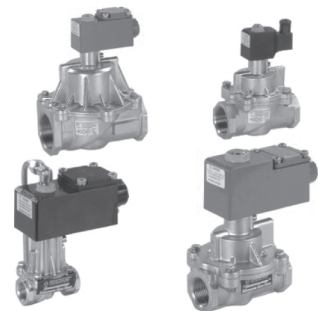
### 2/2 Diaphragm operated Solenoid Valves Technology

- **Spring-less high cycling diaphragm technology**
- Zero Differential construction for low Delta P applications & internal pilot version for all other applications.
- Spring-less Polymer diaphragm technology for long life & high performance
- Zero leak, pressure assisted sealing
- Mounting in any position



- Normally Open & Normally Closed Version
- Orifice from 12 mm to 100 mm
- \* Pressure from vacuum to 20 bar(g)
- \* MOC – Hard Anodized Aluminum, & SS

### 2/2 Poppet Solenoid Valves Technology



- **Proven ROTEX Poppet technology for millions of trouble free switching cycles.**
- Dynamic seal technology for the Poppet
- Zero leak, pressure assisted sealing
- Fully guided Poppet assembly eliminates jamming
- Metal poppet makes it suitable for extreme life cycle requirement

- Normally Open & Normally Closed Version
- Orifice from 7 mm to 50 mm
- \* Pressure range up to 400 bar(g)
- \* MOC – Hard Anodized Aluminum, & SS316

## 2 Port Solenoid Valve

Base Valve (Code)	Port Connection [ BSP (F) Code / NPT (F) Code ]	Orifice (mm)		Pressure (bar)		Flow Factor / Kv #	Body MoC (Code)			Seals (Code)			Manual Override (Code)			Compatible Solenoid Enclosure (Code)			Indicative Application
		Min	Max	Min	Max		Aluminium	Brass	Stainless Steel	NBR	Viton	PTFE	No Manual Override	Stayput Cum Momentary	Momentary	Plug in ( IP 67)	Terminal Box (IP 67 1/2" NPT)	Explosive Proof (Exd 1/2" NPT)	
<b>Direct Acting -Normally Closed</b>																			
20101	1/8" (1G / 1R) 1/4" (2G / 2R). 3/8" (3G / 3R). 1/2". (4G / 4R)	2.2	0	15	2.5	*	B2	B5	*	S2	S8	*	M6	M8	22	16	37	Drain, Dispensing	
		2.5	0	12	3.5														
		3	0	8	4														
		3.5	0	6	5														
		4	0	4	7														
20126	1/8" (1G / 1R) 1/4" (2G / 2R). 3/8" (3G / 3R). 1/2". (4G / 4R)	1.6	0	63	1.4	*	B2	B5	*	S2	S8	*	M6	M8	22	16	37	Drain, Dispensing	
		1.8	0	50	1.8														
		2.2	0	40	2.5														
		3	0	25	4														
		4	0	10	7														
<b>Direct Acting -Normally Open</b>																			
20201	1/8" (1G / 1R) 1/4" (2G / 2R). 3/8" (3G / 3R). 1/2". (4G / 4R)	2.2	0	8	2.5	*	B2	B5	*	S2	S1	*	M6	M8	22	16	37	Analyser	
		2.5	0	6	3.5														
		3	0	4	4														
20202	1/8" (1G / 1R) 1/4" (2G / 2R). 3/8" (3G / 3R). 1/2". (4G / 4R)	2.2	0	25	2.5	*	B2	B5	*	S2	S1	*	M6	M8	25	16	37	Drain, Dispensing	
		2.5	0	15	3.5														
		3	0	12	4														
		3.5	0	8	5														
		4	0	6	7														
<b>Diaphragm Operated Normally Closed</b>																			
24101	1/2". (4G / 4R) 3/4" (6G / 6R). 1 1/4" (10 G / 10R) 1 1/2" (12 G / 12R)	12	0.5	10	60	*	X	B13	S0	S2	X	*	M6	M8	22	16	37	Drain, Deluge Valve Operation	
		20	0.5	10	110														
		40	0.5	10	400														
		40	0.5	10	440														
24201	1/2". (4G / 4R) 3/4" (6G / 6R). 1 1/4" (10 G / 10R) 1 1/2" (12 G / 12R)	12	0.5	10	60	*	X	B13	S0	S2	X	*	M6	M8	22	16	37	Deluge Valve Operation	
		20	0.5	10	110														
		40	0.5	10	400														
		40	0.5	10	440														
<b>Poppet Solenoid Valve - Normally Closed (Pilot Pressure 2 - 20 bar)</b>																			
21101	1/2". (4G / 4R) 1". (8G / 8R) 1 1/2" (12 G / 12R) 2" (16 G / 16R)	12	0.7	10	60	X	*	B13	*	S2	X	M0	*	M8	22	16	37	Drain Shut Off	
		25	0.7	10	185														
		40	0.7	10	440														
		50	0.7	10	650														
22101	1". (8G / 8R) 1 1/2" (12 G / 12R)	25	0	10	185	X	*	B13	*	S2	X	M0	*	M8	22	16	37	Drain Shut Off	
		40	0	10	440														
<b>Poppet Solenoid Valve - Normally Open</b>																			
21201	1/2". (4G / 4R) 3/4" (6G / 6R). 1 1/4" (10 G / 10R)	12	0.7	10	60	*	X	B13	S0	S2	X	*	M6	M8	22	16	37	Drain Shut Off	
		20	0.7	10	110														
		40	0.7	10	400														
21202	1/2". (4G / 4R) 3/4" (6G / 6R). 1 1/4" (10 G / 10R)	12	1	20	60	0	0	0	0	0	0	0	0	0	0	0	0	0	
		20	1	20	110														
		40	1	20	400														

- \*Need not specify in ordering code . Default Option X – Option not available. # - LPM of water @ 1 bar ΔP
- Please refer Ordering Code Section for details
- For other range / application please contact your Local Rotex representative. Above is non exhaustive range