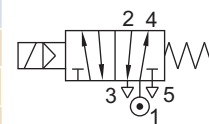


SERIES : 32P

5/2 PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

TYPE	PRESSURE

TYPE	PRESSURE
51400	2 - 10 bar



FEATURES

- Bubble tight shut off
- Mounts in any position
- Vibration resistance up to 9g
- Suitable for high speed cycling
- Speed up to 1000 cycles/ min for 51400 others 500 cycles/ min
- Life >10 million cycles
- O Rings and fasteners supplied loose with the valve

WETTED PARTS

Code	※	B1		B5
Body	Anodized Aluminium	Anodized Aluminium		SS 316
Internals	Aluminium, Brass and SS 316	SS 316		SS 316
Guide Assembly	SS 304			
Shadow-Ring	Copper/ Silver/ None			
Plunger, Insert	SS 430			
Spring/ Circlip	SS 302/ Steel			
Fasteners	SS 304			
Seat, Seals	NBR, Viton, F. Silicon			

※ 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

Special version : (Solenoid) CO, FR, SS, LC, III

MEDIA

Air, Inert Gases

APPLICATION

Operation of double acting cylinder/ actuator

PORT CONNECTION

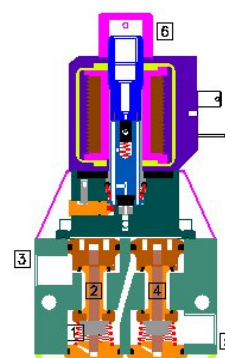
INLET	OUTLET	OUTLET	EXHAUST	EXHAUST	PILOT EXHAUST
1	2	4	3	5	6

Contact Rotex for

- Any other ambient, fluid temperature, media and application
- UL listed, Listed general purpose Valve
- Media like Water, Light Oil etc.



The pressure drop at inlet port causes malfunction of the Valve. All equipment connected the header and the inlet port should have a higher orifice compared to the solenoid Valve.
Select Manifold MF003/ MF004/ MF010/ MF013
Electrical failure Stayput, Air failure to reset. Applicable for 57424.



SPARES

(Refer page 25 for ordering code)

SPARE KIT	CODE
Seal Kit : Oring Set and Plunger Assembly	98
Repair Kit : Oring Set, Plunger Assembly, Fastener, Springs, Manual Override, Guide Assembly, Piston Kit	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	✓		*			
			✓	✓		
ERC			✓	✓		
			✓	✓		

5/2 PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

SPECIFICATION

SIZE	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
	BSP(F)	NPT(F)		MINIMUM	MAXIMUM				ALUMINIUM	ALUMINIUM + SS	BRASS	SS 316	NBR	Viton	EPDM	HYTREL	F. Silicon	NIL	STAYPUT CUM MOMENTARY	MOMENTARY	FLYING LEAD	PLUG IN, IP67	SQ. PLUG IN, IP67	TERMINAL BOX IP67	EXPLOSION PROOF IIC, IP67	LARGE ENCLOSURE	SOLENOID SIZE	

5/2 SINGLE SOLENOID VALVE

SB	2	10	6	12	51400			×			B5	×	S2			S19 M0	×	M8	F	22	25	T	E	III	14	✓	✓	18	12	8	720
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5/2 DOUBLE SOLENOID VALVE

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SOLENOID 14

Cable Entry	T		Ex d		E		Ex emb
	19	17MS	39	87MS	66MS	58MS	
M20 x 1.5	19	17MS	39	87MS	66MS	58MS	58LTMS
M25 x 1.5	17			87	66	58	58LT
1/2" NPT	16	17NS	37	87NS	66NS	58NS	58LTNS

Flying lead IP54	×
Flying lead IP67	01

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

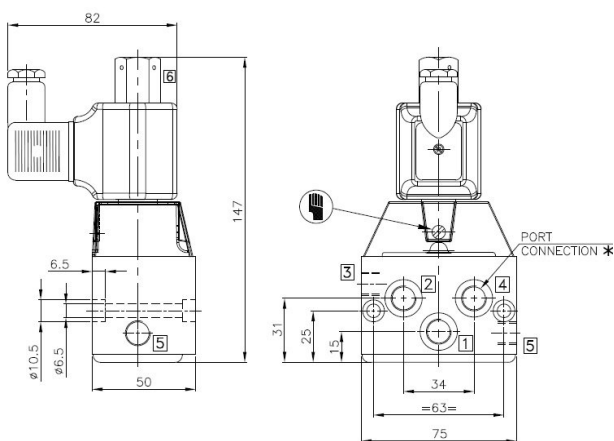
ORDERING CODE AND EXAMPLE VALVE + SOLENOID

TYPE - SUFFIX - ORIFICE - PORT CONNECTION - BODY AND INTERNALS - MANUAL OVERRIDE - SEAL - MEDIA + SIZE - VOLTAGE - CURRENT - SOLENOID ENCLOSURE - SPECIAL VERSION - POWER - INSULATION - APPROVAL
e.g. 51400-6-SB+I-24V DC-22-H

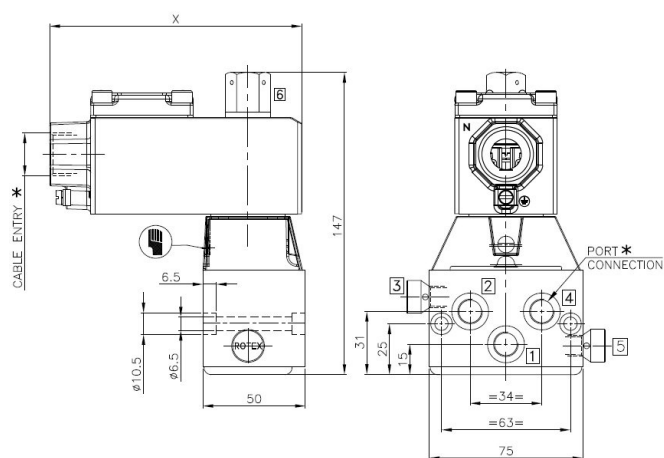
DIMENSIONS

All Dimensions are in mm

CONSTRUCTION REFERENCE : 720



PLUG IN SOLENOID TYPE 22/ 25



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