

# SECTION A

## MAXMA SOLENOID VALVES

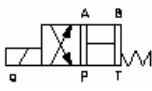
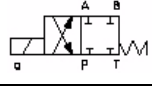


PAGE DESCRIPTION	PAGE
CETOP 3 ..... MXA-02 Series	A 78
CETOP 5 ..... MXA-03 Series	A 80
CETOP STANDARD SUBPLATES TO SUIT MAXMA .....	A 82

## Solenoid Valves CETOP 3 MXA-02 Series

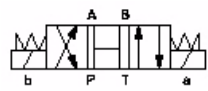
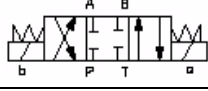
Spool Type Valves Direct Solenoid Operated by wet Armature Solenoids, 4 way, 2 or 3 position.



### SINGLE SOLENOID 2 POSITION

CIRCUIT	MODEL	TYPE	PRESSURE		Nominal Flow L/Min	Cross Over	Price						
			P.A.B	T									
	MXA-02-2B3B-D12 MXA-02-2B3B-D24	SPRING CENTERED	350	210	40	N/A	\$POA						
	MXA-02-2B3B-A110 MXA-02-2B3B-A240	SPRING CENTERED					\$POA						
	MXA-02-2B2B-D12 MXA-02-2B2B-D24	SPRING CENTERED					\$POA						
	MXA-02-2B2B-A110 MXA-02-2B2B-A240	SPRING CENTERED			350	210	35	N/A	\$POA				
	MXA-02-2B4B-D12 MXA-02-2B4B-D24	SPRING CENTERED							\$POA				
	MXA-02-2B4B-A110 MXA-02-2B4B-A240	SPRING CENTERED							\$POA				
	MXA-02-2B60B-D12 MXA-02-2B60B-D24	SPRING CENTERED					350	210	25	N/A	\$POA		
	MXA-02-2B60B-A110 MXA-02-2B60B-A240	SPRING CENTERED									\$POA		
	MXA-02-2B3-D12 MXA-02-2B3-D24	SPRING OFFSET									40	OPEN	\$POA
MXA-02-2B3-A110 MXA-02-2B3-A240	SPRING OFFSET	\$POA											
	MXA-02-2B2-D12 MXA-02-2B2-D24	SPRING OFFSET							350	210	35	CLOSED	\$POA
	MXA-02-2B2-A110 MXA-02-2B2-A240	SPRING OFFSET											\$POA

### DOUBLE SOLENOID 3 POSITION / SPRING TO CENTRE

CIRCUIT	MODEL	PRESSURE		Nominal Flow L/Min	Price		
		P.A.B	T				
	MXA-02-3C3-D12 MXA-02-3C3-D24	350	210	40	\$POA		
	MXA-02-3C3-A110 MXA-02-3C3-A240				\$POA		
	MXA-02-3C2-D12 MXA-02-3C2-D24				\$POA		
MXA-02-3C2-A110 MXA-02-3C2-A240	\$POA						
	MXA-02-3C4-D12 MXA-02-3C4-D24			350	210	35	\$POA
	MXA-02-3C4-A110 MXA-02-3C4-A240						\$POA
	MXA-02-3C60-D12 MXA-02-3C60-D24						25
MXA-02-3C60-A110 MXA-02-3C60-A240	\$POA						

**NB:** Valve Pricing **Includes** coils, coil connectors and bolts.

**NB:** Nom. flow rating @ 32 Centistokes and 4 BAR Pressure Drop and a single pass

**NB:** Valve only bolt length is 45mm

COILS		
MODEL	VOLTAGE	PRICE
2AF-D12	12DC	\$POA
2AF-D24	24DC	\$POA
2AH-C1/C3	110AC	\$POA
2AH-C5/C6	240AC	\$POA

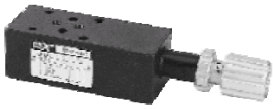
COIL CONNECTORS		
MODEL	TYPE	PRICE
SP-666	Connector	\$POA
SP-669	AC IN > DC OUT	\$POA
SP-KA-12DC	CONNECTOR WITH LED	\$POA
SP-KA-24DC		\$POA
SP-KA-110AC		\$POA
SP-KA-240AC		\$POA

BOLT KITS	
MODEL	PRICE
BK-M5X45M	\$POA
BK-M5X85M	\$POA
BK-M5X125M	\$POA
BK-M5X165M	\$POA

## CETOP 3 Modular Function Valves

These units mount between the Directional Valve and the Sub-plates. The addition of these valves require longer Bolt Kits. Each Valve Block requires the addition of 40mm to the bolt length.

### PRESSURE RELIEF VALVES



CIRCUIT	MODEL	PRESSURE RANGE	FUNCTION	PRICE
	MRV-02-P-3-20	10 TO 250	'P' TO 'T'	\$POA
	MRV-02-A-3-20		'A' TO 'T'	\$POA
	MRV-02-B-3-20		'B' TO 'T'	\$POA
	MRV-02-C-3-20		'A & B' TO 'T'	\$POA
	MRV-02-D-3-20		CROSS PORT	\$POA

### PRESSURE REDUCING VALVES



CIRCUIT	MODEL	PRESSURE RANGE	FUNCTION	PRICE
	MBR-02-P-1-20	3 TO 35	REDUCED ON 'P'	\$POA
	MBR-02-P-3-20	5 TO 210	REDUCED ON 'P'	\$POA
	MBR-02-A-3-20	5 TO 210	REDUCED ON 'A'	\$POA
	MBR-02-B-3-20	5 TO 210	REDUCED ON 'B'	\$POA

### FLOW CONTROL VALVES



CIRCUIT	MODEL	FUNCTION	PRICE
	MTC-02-W-20	METER OUT ON 'A & B'	\$POA
	MTC-02-A-20	METER OUT ON 'A'	\$POA
	MTC-02-B-20	METER OUT ON 'B'	\$POA
	MTC-02-W-1-20	METER IN ON 'A & B'	\$POA
	MTC-02-A-1-20	METER IN ON 'A'	\$POA
	MTC-02-B-1-20	METER IN ON 'B'	\$POA

### CHECK VALVES



CIRCUIT	MODEL	FUNCTION	PRICE
	MCV-02-P-1-20	CHECK VALVE ON 'P'	\$POA
	MPC-02-W-20	PILOT OP.CHECK ON 'A & B'	\$POA
	MPC-02-A-20	PILOT OP.CHECK ON 'A'	\$POA
	MPC-02-B-20	PILOT OP.CHECK ON 'B'	\$POA

### COUNTER BALANCE VALVES



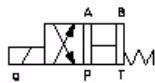
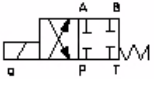


CIRCUIT	MODEL	FUNCTION	PRICE
	MCB-02-A-2-20	C/BALANCE ON 'A' Port	\$POA
	MCB-02-B-2-20	C/BALANCE ON 'B' Port	\$POA

## Solenoid Valves CETOP 5 MXA-03 Series

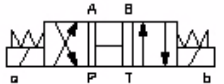
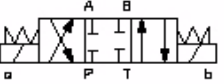
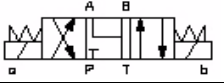
Spool Type Valves Direct Solenoid Operated by wet Armature Solenoids, 4 way, 2 or 3 position.



### SINGLE SOLENOID 2 POSITION

CIRCUIT	MODEL	TYPE	PRESSURE		Nominal Flow L/Min	Cross Over	Price						
			P.A.B	T									
	MXA-03-2B3B-D12 MXA-03-2B3B-D24	SPRING CENTERED	315	160	90	N/A	\$POA						
	MXA-03-2B3B-A110 MXA-03-2B3B-A240	SPRING CENTERED					\$POA						
	MXA-03-2B2B-D12 MXA-03-2B2B-D24	SPRING CENTERED					\$POA						
	MXA-03-2B2B-A110 MXA-03-2B2B-A240	SPRING CENTERED			315	160	85	N/A	\$POA				
	MXA-03-2B4B-D12 MXA-03-2B4B-D24	SPRING CENTERED							\$POA				
	MXA-03-2B4B-A110 MXA-03-2B4B-A240	SPRING CENTERED							\$POA				
	MXA-03-2B60B-D12 MXA-03-2B60B-D24	SPRING CENTERED					315	160	45	N/A	\$POA		
	MXA-03-2B60B-A110 MXA-03-2B60B-A240	SPRING CENTERED									\$POA		
	MXA-03-2B3-D12 MXA-03-2B3-D24	SPRING OFFSET									80	OPEN	\$POA
MXA-03-2B3-A110 MXA-03-2B3-A240	SPRING OFFSET	\$POA											
	MXA-03-2B2-D12 MXA-03-2B2-D24	SPRING OFFSET							315	160	80	CLOSED	\$POA
	MXA-03-2B2-A110 MXA-03-2B2-A240	SPRING OFFSET											\$POA

### DOUBLE SOLENOID 3 POSITION / SPRING TO CENTRE

CIRCUIT	MODEL	PRESSURE		Nominal Flow L/Min	Price				
		P.A.B	T						
	MXA-03-3C3-D12 MXA-03-3C3-D24	315	160	90	\$POA				
	MXA-03-3C3-A110 MXA-03-3C3-A240				\$POA				
	MXA-03-3C2-D12 MXA-03-3C2-D24				\$POA				
	MXA-03-3C2-A110 MXA-03-3C2-A240			315	160	85	\$POA		
	MXA-03-3C4-D12 MXA-03-3C4-D24						\$POA		
	MXA-03-3C4-A110 MXA-03-3C4-A240						\$POA		
	MXA-03-3C4-A110 MXA-03-3C4-A240					315	160	85	\$POA
	MXA-03-3C60-D12 MXA-03-3C60-D24								\$POA
	MXA-03-3C60-A110 MXA-03-3C60-A240								\$POA

**NB:** Valve Pricing Includes coils, coil connectors and bolts.

**NB:** Nom. flow rating @ 32 Centistokes and 4 BAR Pressure Drop and a single pass

**NB:** Valve only bolt length is 35mm

COILS		
MODEL	VOLTAGE	PRICE
3EA-D12	12DC	\$POA
3EA-D24	24DC	\$POA
3AH-C1/C3	110AC	\$POA
3AH-C5/C6	240AC	\$POA

COIL CONNECTORS		
MODEL	TYPE	PRICE
SP-666	Connector	\$POA
SP-669	AC IN > DC OUT	\$POA
SP-KA-12DC	CONNECTOR WITH LED	\$POA
SP-KA-24DC		\$POA
SP-KA-110AC		\$POA
SP-KA-240AC		\$POA

BOLT KITS	
MODEL	PRICE
BK-M6X35M	\$POA
BK-M6X90M	\$POA
BK-M6X145M	\$POA

# CETOP 5 Modular Function Valves

These units mount between the Directional Valve and the Sub-plates. The addition of these valves require longer Bolt Kits. Each Valve Block requires the addition of 50mm to the bolt length.

## PRESSURE RELIEF VALVES



CIRCUIT	MODEL	PRESSURE RANGE	FUNCTION	PRICE
	MRV-03-P-3-20	10 TO 250	'P' TO 'T'	\$POA
	MRV-03-A-3-20		'A' TO 'T'	\$POA
	MRV-03-B-3-20		'B' TO 'T'	\$POA
	MRV-03-C-3-20		'A & B' TO 'T'	\$POA
	MRV-03-D-3-20		CROSSOVER	\$POA

## PRESSURE REDUCING VALVES



CIRCUIT	MODEL	PRESSURE RANGE	FUNCTION	PRICE
	MBR-03-P-1-20	8 TO 70	REDUCED ON 'P'	\$POA
	MBR-03-P-3-20	10 to 140	REDUCED ON 'P'	\$POA
	MBR-03-A-3-20	10 to 140	REDUCED ON 'A'	\$POA
	MBR-03-B-3-20	10 to 140	REDUCED ON 'B'	\$POA

## FLOW CONTROL VALVES



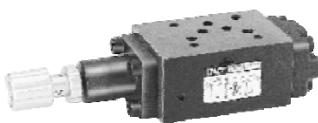
CIRCUIT	MODEL	FUNCTION	PRICE
	MTC-03-W-20	METER OUT ON 'A & B'	\$POA
	MTC-03-A-20	METER OUT ON 'A'	\$POA
	MTC-03-B-20	METER OUT ON 'B'	\$POA
	MTC-03-W-1-20	METER IN ON 'A & B'	\$POA
	MTC-03-A-1-20	METER IN ON 'A'	\$POA
	MTC-03-B-1-20	METER IN ON 'B'	\$POA

## CHECK VALVES



CIRCUIT	MODEL	FUNCTION	PRICE
	MCV-03-P-1-20	CHECK VALVE ON 'P'	\$POA
	MPC-03-W-20	PILOT OP.CHECK ON 'A & B'	\$POA
	MPC-03-A-20	PILOT OP.CHECK ON 'A'	\$POA
	MPC-03-B-20	PILOT OP.CHECK ON 'B'	\$POA

## COUNTER BALANCE VALVES



CIRCUIT	MODEL	FUNCTION	PRICE
	MCB-03-A-3-20	C/BALANCE ON 'A' Port	\$POA
	MCB-03-B-2-20	C/BALANCE ON 'B' Port	\$POA

## CETOP STANDARD SUBPLATES TO SUIT MAXMA

### CETOP 3



M02-03-B-4



S4224



01-251



PA03.023.02.2F

MODEL	DESCRIPTION	MATERIAL	PORT	PRICE
M02-03-B-4	REAR ENTRY	CAST IRON	3/8" BSPP	\$POA
M02-03-SB-4	SIDE AND REAR	CAST IRON	3/8" BSPP	\$POA
S4224	SIDE ENTRY	ALUMINIUM	3/8" BSPP	\$POA
S4224S	SIDE ENTRY	STEEL	3/8" BSPP	\$POA
S4225	REAR ENTRY	ALUMINIUM	1/4" BSPP	\$POA
01-251	SIDE & REAR C/W RELIEF VALVE	ALUMINIUM	3/8" BSPP	\$POA
PA03.023.02.2F	SUBPLATE WITH PRESS. LIMIT	ALUMINIUM	3/8" BSPP	\$POA

### CETOP 5



M03-04-B-4



S310



01-242



PA05.023.03.2F

MODEL	DESCRIPTION	MATERIAL	PORT	PRICE
M03-04-B-4	REAR ENTRY	CAST IRON	1/2" BSPP	\$POA
M03-04-SB-4	REAR & SIDE ENTRY	CAST IRON	1/2" BSPP	\$POA
S310	SIDE ENTRY	ALUMINIUM	1/2" BSPP	\$POA
01-242	REAR & SIDE C/W RELIEF(34 TO 172 BAR)	ALUMINIUM	1/2" BSPP	\$POA
01-243	REAR & SIDE C/W RELIEF(69 TO 205 BAR)	ALUMINIUM	1/2" BSPP	\$POA
PA05.023.03.2F	SUBPLATE WITH PRESS. LIMIT	ALUMINIUM	1/2" BSPP	\$POA

## MANIFOLDS CETOP 3

### CETOP3 without Relief Valve



MODEL	Ports BSPP		STATIONS	CIRCUIT TYPE	PRICE
	P & T	A & B			
PA03.082.02.00.2E.P	1/2"	3/8"	2	PARALLEL	\$POA
PA03.082.02.00.3E.P			3		\$POA
PA03.082.02.00.4E.P			4		\$POA
PA03.082.02.00.5E.P			5		\$POA
PA03.082.02.00.6E.P			6		\$POA
PA03.082.02.00.7E.P			7		\$POA
PA03.082.02.00.8E.P			8		\$POA
PA03.082.02.00.2E.S	1/2"	3/8"	2	SERIES	\$POA
PA03.082.02.00.3E.S			3		\$POA
PA03.082.02.00.4E.S			4		\$POA

### CETOP3 with Relief Valve



MODEL	Ports BSPP		STATIONS	CIRCUIT TYPE	PRICE
	P & T	A & B			
PA03.092.02.2F.2EP	1/2"	3/8"	2	PARALLEL	\$POA
PA03.092.02.2F.3EP			3		\$POA
PA03.092.02.2F.4EP			4		\$POA
PA03.092.02.2F.5EP			5		\$POA
PA03.092.02.2F.6EP			6		\$POA
PA03.092.02.2F.7EP			7		\$POA

### MANIFOLD Single Station & Relief Valve

Rear & side ports suitable for mounting on lid of power pack



MODEL	CETOP	PORTS BSPP	PRESS RANGE BAR	RELIEF ADJUST TYPE	LIST PRICE
PA03.023.02.2F	3	3/8"	2	SCREW	\$POA
PA03.023.02.2V	3		3	KNOB	\$POA
PA05.023.03.2F	5	1/2"	4	SCREW	\$POA

