



# ORDERING INFORMATION

(w.e.f. 1<sup>st</sup> April 2008)

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## 1. PRESSURE RELIEF VALVE

PCV - 1 - \*\*\*  
 { } { } { }  
 1 2 3

1 - Model No. (PCV)
2 - Model Series (1)
3 - Pressure Range
a) YD
b) DC
c) RD

## 2. BALANCED PISTON TYPE RELIEF VALVE (Gasket connection)

PCV - 2 - \*\*\* - G - \*\*\*\* - V  
 { } { } { } { } { } { }  
 1 2 3 4 5 6

1 - Model No. (PCV)
2 - Model Series (2)
3 - Nominal valve size
a) 06 = 3/4"
b) 10 = 1 1/4"
4 - Connection type

a) G = Gasket connection
5 - Pressure Range
a) YD
b) DC
c) RD
6 - V = Vent connection

## 3. REMOTE CONTROL FOR RELIEF VALVE (Gasket connection)

PCV - 3 - \*\*\* - G - \*\*\*\* - \*  
 { } { } { } { } { } { }  
 1 2 3 4 5 6

1 - Model No. (PCV)
2 - Model Series (3)
3 - Nominal valve size
a) 1/4"
4 - Connection type

5 - Pressure Range
a) YD
b) DC
c) RD
6 - Adjusting method

a) **G = Gasket connection**

**K = with key**

**H = with hand wheel**

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## PRESSURE CONTROLS

MOI-08/01

Page 2 of  
13

### 4. BALANCED PISTON TYPE RELIEF VALVE (Thread connection)

PCV - 4 - \*\*\* - T - \*\*\*\* - V

1                      2                      3                      4                      5                      6

1 - Model No. (PCV)

2 - Model Series (4)

3 - Nominal valve size

a) 06 = 3/4"

b) 10 = 1 1/4"

4 - Connection type

a) **T = Thread connection**

5 - Pressure Range

a) YD

b) DC

c) RD

6 - **V = Vent connection**

### 5. PRESSURE CONTROL VALVE (Gasket connection)

PCV - 5 - \*\*\* - G - \*\*\* - P - \*\*\*

1                      2                      3                      4                      5                      6                      7

1 - Model No. (PCV)

2 - Model Series (5)

3 - Nominal valve size

a) 06 = 3/4"

b) 10 = 1 1/4"

4 - Connection type

a) **G = Gasket connection**

5 - Pressure Range

a) **D**

d) YY

e) YC

f) DA

g) DC

6 - **P = Remote pilot control**

7 - Control Type

**RCB – Relief, Counter Balance**

**SDC – Sequence valve, Direct Control**

**SRC – Sequence Valve, Remote**

b) U

c) I

**Control**

**URC - Unloading valve, Remote Control**

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## 6. PRESSURE CONTROL VALVE (Thread connection)

PCV - 6 - \*\*\* - T - \*\*\* - P - \*\*\*

1      2      3      4      5      6      7

1 - Model No. (PCV)

2 - Model Series (6)

3 - Nominal valve size

a) 06 = 3/4"

b) 10 = 1 1/4"

4 - Connection type

a) T = Thread connection

5 - Pressure Range

a) D

b) U

c) I

d) YY

e) YC

f) DA

g) DC

6 - P = Remote pilot control

7 - Control Type

RCB - Relief, Counter Balance

SDC - Sequence valve, Direct Control

SRC - Sequence Valve, Remote Control

URC - Unloading valve, Remote Control

## 7. UNLOADING RELIEF VALVE (Gasket connection)

PCV - 7 - \*\*\* - \*\*\* - G - \*\*\* - V

1      2      3      4      5      6      7

1 - Model No. (PCV)
2 - Model Series (7)
3 - Drain
a) ED = Externally Drained
b) ID = Internally Drained
4 - Nominal valve size
a) 06 = 3/4"

5 - Connection type
a) G = Gasket connection
6 - Pressure Range
a) DL
b) DC
c) RD
7 - V = Vent connection

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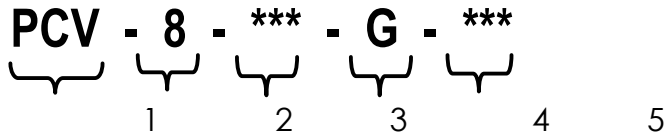


**PRESSURE CONTROLS**

MOI-08/01

Page 4 of 13

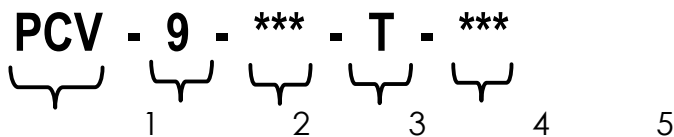
**8. PRESSURE REDUCING VALVE** (Gasket connection)



1 - Model No. (PCV)
2 - Model Series (8)
3 - Nominal valve size
a) 06 = 3/4"
b) 10 = 1 1/4"

4 - Connection type
a) G = Gasket connection
5 - Pressure Range
a) YR

**9. PRESSURE REDUCING VALVE** (Thread connection)





1                      2                      3                      4                      5                      6                      7

1 - Model No. <b>(FC)</b>
2 - Model Series <b>(2)</b>
3 - Nominal valve size
<b>a) 02 = 1/4"</b>
4 - Connection type
<b>a) G = Gasket connection</b>

5 - Flow Capacity
<b>a) 5 LPM</b>
<b>b) 25 LPM</b>
6 - <b>L = Lock option</b>
7 - <b>S = Special Features</b>

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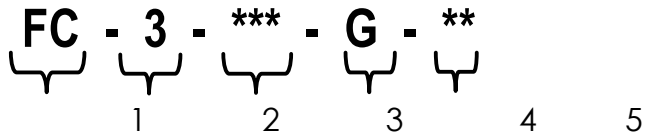


**FLOW CONTROLS**

MOI-08/01

Page 6 of 13

**3. FLOW CONTROL VALVE** (Gasket connection)



1 - Model No. <b>(FC)</b>
2 - Model Series <b>(3)</b>
3 - Nominal valve size
<b>a) 03 = 3/8"</b>

4 - Connection type
<b>a) G = Gasket connection</b>
5 - Flow Capacity
<b>a) 105 LPM</b>

**4. NON COMPENSATED FLOW REGULATOR WITH**

## REVERSE FREE FLOW

FC - 4 - \*\*\* - \*\*\*\*  
 1            2            3            4

1 - Model No. (FC)
2 - Model Series (4)
3 - Nominal valve size
a) 03 = 3/8"
b) 06 = 3/4"

c) 10 = 1 1/4"
4 - Flow
a) 38 LPM (for sizes 3/8" and 3/4")
b) 190 LPM (for sizes 1 1/4")

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### 1. RIGHT ANGLE CHECK VALVE

CV - 1 - \*\*\* - \*\*\*\*  
 1            2            3            4

1 - Model No. (CV)
2 - Model Series (1)
3 - Nominal valve size
a) 06 = 3/4"
b) 10 = 1 1/4"
c) 12 = 1 1/2"
4 - Pressure range

a) H
b) Y
c) A
d) HH
e) HD
f) YH
g) YI

### 2. CHECK VALVE (Gasket connection)

CV - 2 - \*\*\* - G - \*\*\*\*  
 1            2            3            4            5

1 - Model No. <b>(CV)</b>
2 - Model Series <b>(2)</b>
3 - Nominal valve size
<b>a) 06 = 3/4"</b>
<b>b) 10 = 1 1/4"</b>
4 - Connection type
<b>a) G = Gasket connection</b>
5 - Pressure range

<b>a) H</b>
<b>b) Y</b>
<b>c) A</b>
<b>d) HH</b>
<b>e) HD</b>
<b>f) YH</b>
<b>g) YI</b>

### 3. IN LINE TYPE CHECK VALVE (Thread connection)

**CV - 3 - \*\*\* - T - \*\*\*\***

1 - Model No. <b>(CV)</b>
2 - Model Series <b>(3)</b>
3 - Nominal valve size
<b>a) 03 = 3/8"</b>
<b>b) 06 = 3/4"</b>
<b>c) 10 = 1 1/4"</b>

4 - Connection type
<b>a) T = Thread connection</b>
5 - Pressure range
<b>a) Y</b>
<b>b) HO</b>
<b>c) HA</b>

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## CHECK VALVES

MOI-08/01

Page 8 of 13

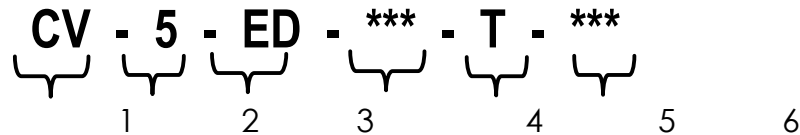
### 4. PILOT OPERATED CHECK VALVE (Gasket connection)

**CV - 4 - \*\*\* - G - \*\*\*\***

1 - Model No. <b>(CV)</b>
2 - Model Series <b>(4)</b>
3 - Nominal valve size
<b>a) 06 = 3/4"</b>
<b>b) 10 = 1 1/4"</b>

4 - Connection type
<b>a) G = Gasket connection</b>
5 - Pressure range
<b>a) HO</b>
<b>b) YH</b>
<b>c) DH</b>

## 5. PILOT OPERATED CHECK VALVE (Thread connection)

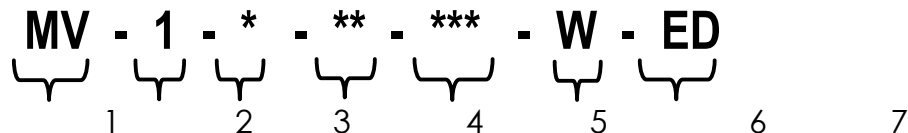
**CV - 5 - ED - \*\*\* - T - \*\*\***  


1 - Model No. (CV)
2 - Model Series (T)
3 - Drain
<b>ED - External Drain</b>
4 - Nominal valve size
<b>a) 06 = 3/4"</b>
<b>b) 10 = 1 1/4"</b>

4 - Connection type
<b>a) T = Thread connection</b>
5 - Pressure range
<b>a) HO</b>
<b>b) YH</b>
<b>c) DH</b>

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## 1. SYSTEM STAK - RELIEF VALVE

**MV - 1 - \* - \*\* - \*\*\* - W - ED**  


1 - Model No. (MV)
2 - Model Series (1)
3 - Arrangement
<b>a) 3 = CETOP 3 arrangement</b>
<b>b) 5 = CETOP 5 arrangement</b>
4 - Function
<b>a) PT = Pressure limited in port P</b>
<b>and discharge in port T</b>

<b>c) BA = Pressure limited in port B</b>
<b>and discharge in port A</b>
5 - Pressure range
<b>a) HL (for CETOP 5)</b>
<b>b) HI (for CETOP 5)</b>
<b>c) HC (for CETOP 5)</b>
<b>d) YO (for CETOP 5)</b>
<b>e) DO (for CETOP 3)</b>

A T B T A B	b) AT = Pressure limited in port and discharge in port	f) DI (for CETOP 3) g) RH (for CETOP 3) 6 - Locking arrangement a) W = Screw and Locknut 7 - Drain a) ED = Externally drained
	c) BT = Pressure limited in port and discharge in port	
	d) AB = Pressure limited in port and discharge in port	

## 2. PRESSURE RELIEF MODULE

MV - 2 - DRF - \* - \*\* - \*\*\* - W - \*\* - \*\*\* - W  
 1 2 3 4 5 6 7 8  
 9 10

1 - Model No. (MV)
2 - Model Series (2)
3 - DRF = Dual Relief Function
4 - Arrangement
a) 3 = CETOP 3 arrangement
b) 5 = CETOP 5 arrangement
5 - Function
a) AB = Pressure limited in port A and discharge in port B
b) BA = Pressure limited in port B and discharge in port A

6 - Pressure range
a) DO
b) DI
c) RH
7 - Locking arrangement
a) W = Screw and Locknut
8 - Function (same as 5)
9 - Pressure Range (same as 6)
10 - Locking arrangement (same as 7)

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## 3. DIRECT CHECK VALVE MODULE

MV - 3 - \* - \* - \* - \* - \* - \* - \*

1 2 3 4 5 6 7 8 9

1 - Model No. (MV)
2 - Model Series (3)
3 - Arrangement
a) 3 = CETOP 3 arrangement
b) 5 = CETOP 5 arrangement
4 - Location
a) A = A line
b) B = B line
c) P = P Line (with Y in 5)
d) T = T Line (with X in 5)

5 - Flow direction
a) X = Free flow away from actuator
b) Y = Free flow towards actuator
6 - Pressure Range
a) Y
b) R
c) HD
7 - Location (same as 4)
8 - Flow direction (same as 5)
9 - Pressure Range (same as 6)

#### 4. FLOW CONTROL MODULE

MV - 4 - \* - \* - \* - \*\* - W - \* - \*\* - W

1 2 3 4 5 6 7 8 9 10

1 - Model No. (MV)
2 - Model Series (4)
3 - Arrangement
a) 3 = CETOP 3 arrangement
b) 5 = CETOP 5 arrangement
4 - Flow direction
a) X = Meter-in control (A & B only)
b) Y = Meter-out control (A & B only)
c) Z = Meter-in control (P) & Meter-out control (T)
5 - Location
a) A = A line

b) B = B line
c) P = P Line (with Y in 5)
d) T = T Line (with X in 5)
6 - Control Type
a) FC = Fine Control
b) SC = Standard Control
7 - Locking arrangement
a) W = Screw and Locknut
8 - Second Location (same as 5)
9 - Flow direction (same as 6)
10 - Locking arrangement (same as 7)

### 5. PILOT OPERATED CHECK VALVE MODULE

MV - 5 - \* - \*\* - \* - \*\* - \*  
 1            2            3            4            5            6            7

1 - Model No. (MV)
2 - Model Series (5)
3 - Arrangement
a) 3 = CETOP 3 arrangement
b) 5 = CETOP 5 arrangement
4 - Function
a) AB = Check line in A, pilot operated from line B
b) BA = Check line in B, pilot model

operated from line A
(single check only)
5 - Pressure Range
a) R
b) HY
c) HU
6 - Second function (same as 4)
7 - Pressure range (same as 5)

### 6. COUNTER BALANCE AND SEQUENCE MODULE

MV - 6 - \* - \*\* - \*\*\* - W  
 1            2            3            4            5            6

1 - Model No. (MV)
2 - Model Series (6)
3 - Arrangement
a) 3 = CETOP 3 arrangement
4 - Function ports
a) TA = Counter Balance Function in T, controlled by pressure in A
b) TB = Counter Balance Function in

T, controlled by pressure in B
5 - Pressure range
a) HR
b) DU
c) RO
d) RY
6 - Locking arrangement
a) W = Screw and Locknut

### 7. COUNTER BALANCE AND SEQUENCE MODULE

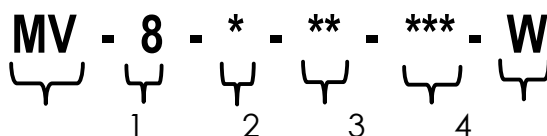
MV - 7 - \* - \*\* - \*\*\* - W  
 1            2            3            4            5            6

1	2
1 - Model No. (MV)	
2 - Model Series (7)	
3 - Arrangement	
a) 3 = CETOP 3 arrangement	
4 - Function ports	
a) PP = Sequence control in P, controlled by pressure in P	

3	4	5	6
5 - Pressure range			
a) HR			
b) DU			
c) RO			
d) RY			
6 - Locking arrangement			
a) W = Screw and Locknut			

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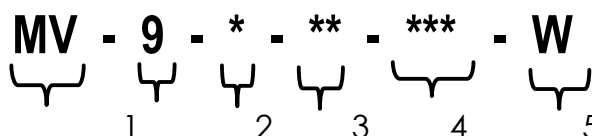
**8. PRESSURE REDUCING MODULE** (Underlapped)



1 - Model No. (MV)
2 - Model Series (8)
3 - Arrangement
a) 3 = CETOP 3 arrangement
4 - Function
a) PA = Pressure reducing in line P, pilot operated from line A
b) PB = Pressure reducing in line P, pilot operated from line B

c) PP = Pressure reducing in line P, pilot operated from line P
5 - Pressure Range
a) HR
b) DY
c) DD
d) DR
6 - Locking arrangement
a) W = Screw and Locknut

**9. PRESSURE REDUCING MODULE** (Overlapped)



1 - Model No. (MV)
2 - Model Series (8)
3 - Arrangement a) 5 = CETOP 5 arrangement
4 - Function a) PA = Pressure reducing in line P, pilot operated from line A
b) PB = Pressure reducing in line P, pilot operated from line B

c) PP = Pressure reducing in line P, pilot operated from line P
5 - Pressure Range a) C b) YA c) YU d) YL
6 - Locking arrangement a) W = Screw and Locknut

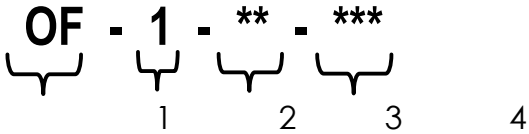
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## OIL FILTER

MOI-08/01  
Page 13 of 13

### 1. OIL FILTER



1 - Model No. (OF)
2 - Model Series (1)
3 - Filter size a) 10 = 10 microns

b) 25 = 25 microns
4 - Connection type a) BSP = BSP thread b) M = Metric Thread

### 2. OIL FILTER

**OF - 2 - \*\***  
1            2            3

1 - Model No. <b>(OF)</b>
2 - Model Series <b>(2)</b>

3 - Filter size
a) <b>10 = 10 microns</b>
b) <b>25 = 25 microns</b>

### 3. OIL FILTER

**OF - 3 - \*\***  
1            2            3

1 - Model No. <b>(OF)</b>
2 - Model Series <b>(3)</b>

3 - Filter size
a) <b>10 = 10 microns</b>
b) <b>25 = 25 microns</b>

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