



## DeZURIK COMPAK CYLINDER ACTUATORS SIZING SHEETS

### BHP Butterfly Valves

#### Double-Acting

##### ANSI Class 150

##### PTFE & RTFE (TT, TI, RT, RI) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-35	285 1960	285 1960
2.5" 65mm	CMD-35	285 1960	285 1960
3" 80mm	CMD-35	285 1960	285 1960
4" 100mm	CMD-75	285 1960	285 1960
5" 125mm	CMD-75	N/A	285 1960
	CMD-110	285 1960	N/R
6" 150mm	CMD-160	285 1960	285 1960
8" 200mm	CMD-160	N/A	285 1960
	CMD-255	285 1960	N/R

##### ANSI Class 150

##### Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-35	N/A	285 1960
	CMD-50	285 1960	N/R
2.5" 65mm	CMD-75	285 1960	285 1960
3" 80mm	CMD-75	N/A	285 1960
	CMD-110	285 1960	N/R
4" 100mm	CMD-160	285 1960	285 1960
6" 150mm	CMD-255	N/A	285 1960
	CMD-400	285 1960	N/R
8" 200mm	CMD-400	N/A	285 1960
	CMD-500	285 1960	N/R

##### ANSI Class 150, Dual

##### (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-35	285 1960	285 1960
2.5" 65mm	CMD-35	285 1960	285 1960
3" 80mm	CMD-35	N/A	285 1960
	CMD-50	285 1960	N/R
4" 100mm	CMD-50	N/A	285 1960
	CMD-75	285 1960	N/R
6" 150mm	CMD-160	N/A	285 1960
	CMD-255	285 1960	N/R
8" 200mm	CMD-255	N/A	285 1960
	CMD-400	285 1960	N/R

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

# BHP Butterfly Valves

## Double-Acting

### ANSI Class 300 PTFE & RTFE (TT, TI, RT, RI) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-35	740	740
		5100	5100
2.5" 65mm	CMD-35	740	740
		5100	5100
3" 80mm	CMD-35	740	740
		5100	5100
4" 100mm	CMD-75	740	740
		5100	5100
5" 125mm	CMD-75	N/A	740
			5100
5" 125mm	CMD-110	740	N/R
		5100	
6" 150mm	CMD-160	N/A	740
			5100
6" 150mm	CMD-255	740	N/R
		5100	
8" 200mm	CMD-255	N/A	740
			5100
8" 200mm	CMD-400	740	N/R
		5100	

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

### ANSI Class 300 Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-50	N/A	740
			5100
2" 50mm	CMD-75	740	N/R
		5100	
2.5" 65mm	CMD-75	N/A	740
			5100
2.5" 65mm	CMD-110	740	N/R
		5100	
3" 80mm	CMD-110	N/A	740
			5100
3" 80mm	CMD-160	740	N/R
		5100	
4" 100mm	CMD-255	740	740
		5100	5100
6" 150mm	CMD-400	N/A	740
			5100
6" 150mm	CMD-500	740	N/R
		5100	
8" 200mm	CMD-550	N/A	740
			5100
8" 200mm	CMD-600	740	N/R
		5100	

### ANSI Class 300, Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-35	740	740
		5100	5100
2.5" 65mm	CMD-35	740	740
		5100	5100
3" 80mm	CMD-75	740	740
		5100	5100
4" 100mm	CMD-75	N/A	740
			5100
4" 100mm	CMD-110	740	N/R
		5100	
6" 150mm	CMD-400	740	740
		5100	5100
8" 200mm	CMD-400	740	740
		5100	5100

## Spring-to-Close

### ANSI Class 150 PTFE & RTFE (TT, TI, RT, RI) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-50-S8-R	285	285
		1960	1960
2.5" 65mm	CMD-75-S8-R	285	285
		1960	1960
3" 80mm	CMD-75-S10-R	N/A	285
			1960
3" 80mm	CMD-110-S7-R	285	N/R
		1960	
4" 100mm	CMD-160-S9-R	N/A	285
			1960
4" 100mm	CMD-255-S7-R	285	N/R
		1960	
5" 125mm	CMD-160-S11-R	N/A	285
			1960
5" 125mm	CMD-255-S7-R	285	N/R
		1960	
6" 150mm	CMD-400-S9-R	N/A	285
			1960
6" 150mm	CMD-500-S7-R	285	N/R
		1960	
8" 200mm	CMD-400-S11-R	N/A	285
			1960
8" 200mm	CMD-500-S7-R	285	N/R
		1960	

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

### ANSI Class 150 Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S12-R	N/A	285
			1960
2" 50mm	CMD-110-S8-R	285	N/R
		1960	
2.5" 65mm	CMD-160-S9-R	N/A	285
			1960
2.5" 65mm	CMD-255-S7-R	285	N/R
		1960	
3" 80mm	CMD-160-S11-R	N/A	285
			1960
3" 80mm	CMD-255-S7-R	285	N/R
		1960	
4" 100mm	CMD-400-S8-R	285	285
		1960	1960
6" 150mm	CMD-500-S9-R	N/A	285
			1960
6" 150mm	CMD-550-S7-R	285	N/R
		1960	
8" 200mm	CMD-550-S10-R	N/A	285
			1960
8" 200mm	CMD-600-S8-R	285	N/R
		1960	

### ANSI Class 150, Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S8-R	285	285
		1960	1960
2.5" 65mm	CMD-75-S8-R	285	285
		1960	1960
3" 80mm	CMD-75-S10-R	N/A	285
			1960
3" 80mm	CMD-110-S7-R	285	N/R
		1960	
4" 100mm	CMD-160-S8-R	285	285
		1960	1960
6" 150mm	CMD-400-S9-R	N/A	285
			1960
6" 150mm	CMD-500-S7-R	285	N/R
		1960	
8" 200mm	CMD-500-S9-R	N/A	285
			1960
8" 200mm	CMD-550-S8-R	285	N/R
		1960	

# BHP Butterfly Valves

## Spring-to-Close

### ANSI Class 300 PTFE & RTFE (TT, TI, RT, RI) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S8-R	740 5100	740 5100
2.5" 65mm	CMD-75-S9-R	N/A	740 5100
	CMD-110-S7-R	740 5100	N/R
3" 80mm	CMD-75-S10-R	N/A	740 5100
	CMD-110-S7-R	740 5100	N/R
4" 100mm	CMD-160-S9-R	N/A	740 5100
	CMD-255-S7-R	740 5100	N/R
5" 125mm	CMD-255-S8-R	N/A	740 5100
	CMD-400-S7-R	740 5100	N/R
6" 150mm	CMD-400-S11-R	N/A	740 5100
	CMD-500-S7-R	740 5100	N/R
8" 200mm	CMD-500-S9-R	N/A	740 5100
	CMD-550-S8-R	740 5100	N/R

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

### ANSI Class 300 Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-110-S10-R	N/A	740 5100
	CMD-160-S9-R	740 5100	N/R
2.5" 65mm	CMD-255-S9-R	N/A	740 5100
	CMD-400-S7-R	740 5100	N/R
3" 80mm	CMD-255-S10-R	N/A	740 5100
	CMD-400-S7-R	740 5100	N/R
4" 100mm	CMD-500-S8-R	740 5100	740 5100
6" 150mm	CMD-600-S9-R	N/A	740 5100
	CMD-650-S8-R	740 5100	N/R
8" 200mm	CMD-700-S9-R	740 5100	740 5100

### ANSI Class 300, Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S10-R	N/A	740 5100
	CMD-110-S7-R	740 5100	N/R
2.5" 65mm	CMD-75-S10-R	N/A	740 5100
	CMD-110-S7-R	740 5100	N/R
3" 80mm	CMD-160-S9-R	N/A	740 5100
	CMD-255-S7-R	740 5100	N/R
4" 100mm	CMD-255-S9-R	N/A	740 5100
	CMD-400-S7-R	740 5100	N/R
6" 150mm	CMD-550-S8-R	740 5100	740 5100
	CMD-550-S9-R	N/A	740 5100
8" 200mm	CMD-600-S8-R	740 5100	N/R

## Spring-to-Open

### ANSI Class 150 PTFE & RTFE (TT, TI, RT, RI) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-50-S8-D	285 1960	285 1960
2.5" 65mm	CMD-75-S8-D	285 1960	285 1960
	CMD-110-S8-D	N/A	285 1960
3" 80mm	CMD-75-S12-D	N/A	285 1960
	CMD-110-S8-D	285 1960	N/R
4" 100mm	CMD-160-S12-D	N/A	285 1960
	CMD-255-S8-D	285 1960	N/R
5" 125mm	CMD-160-S12-D	N/A	285 1960
	CMD-255-S8-D	285 1960	N/R
6" 150mm	CMD-400-S12-D	N/A	285 1960
	CMD-500-S8-D	285 1960	N/R
8" 200mm	CMD-400-S12-D	N/A	285 1960
	CMD-500-S8-D	285 1960	N/R

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

### ANSI Class 150 Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S12-D	N/A	285 1960
	CMD-110-S8-D	285 1960	N/R
2.5" 65mm	CMD-160-S12-D	N/A	285 1960
	CMD-255-S8-D	285 1960	N/R
3" 80mm	CMD-160-S12-D	N/A	285 1960
	CMD-255-S8-D	285 1960	N/R
4" 100mm	CMD-400-S8-D	285 1960	285 1960
6" 150mm	CMD-500-S12-D	N/A	285 1960
	CMD-550-S8-D	285 1960	N/R
8" 200mm	CMD-550-S12-D	N/A	285 1960
	CMD-600-S8-D	285 1960	N/R

### ANSI Class 150, Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S8-D	285 1960	285 1960
	CMD-75-S8-D	285 1960	285 1960
3" 80mm	CMD-75-S12-D	N/A	285 1960
	CMD-110-S8-D	285 1960	N/R
4" 100mm	CMD-160-S8-D	285 1960	285 1960
	CMD-400-S12-D	N/A	285 1960
6" 150mm	CMD-500-S8-D	285 1960	N/R
	CMD-500-S12-D	N/A	285 1960
8" 200mm	CMD-500-S8-D	285 1960	N/R

# BHP Butterfly Valves

## Spring-to-Open

**ANSI Class 300  
PTFE & RTFE (TT, TI, RT, RI) Seats**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-50-S8-D	740 5100	740 5100
2.5" 65mm	CMD-75-S8-D	740 5100	740 5100
3" 80mm	CMD-75-S12-D	N/A	740 5100
	CMD-110-S8-D	740 5100	N/R
4" 100mm	CMD-160-S12-D	N/A	740 5100
	CMD-255-S8-D	740 5100	N/R
5" 125mm	CMD-160-S12-D	N/A	740 5100
	CMD-255-S8-D	740 5100	N/R
6" 150mm	CMD-400-S12-D	N/A	740 5100
	CMD-500-S8-D	740 5100	N/R
8" 200mm	CMD-400-S12-D	N/A	740 5100
	CMD-500-S8-D	740 5100	N/R

**ANSI Class 300  
Metal (S2) Seats**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-110-S8-D	N/A	740 5100
	CMD-160-S8-D	740 5100	N/R
2.5" 65mm	CMD-255-S12-D	N/A	740 5100
	CMD-400-S8-D	740 5100	N/R
3" 80mm	CMD-255-S12-D	N/A	740 5100
	CMD-400-S8-D	740 5100	N/R
4" 100mm	CMD-500-S8-D	740 5100	740 5100
	CMD-600-S12-D	N/A	740 5100
6" 150mm	CMD-650-S8-D	740 5100	N/R
	CMD-700-S9-D	740 5100	740 5100

**ANSI Class 300, Dual  
(TTS2, TIS2, RTS2, RIS2) Seats**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
2" 50mm	CMD-75-S12-D	N/A	740 5100
	CMD-110-S8-D	740 5100	N/R
2.5" 65mm	CMD-75-S12-D	N/A	740 5100
	CMD-110-S8-D	740 5100	N/R
3" 80mm	CMD-160-S12-D	N/A	740 5100
	CMD-255-S8-D	740 5100	N/R
4" 100mm	CMD-255-S12-D	N/A	740 5100
	CMD-400-S8-D	740 5100	N/R
6" 150mm	CMD-550-S8-D	740 5100	740 5100
	CMD-550-S12-D	N/A	740 5100
8" 200mm	CMD-600-S8-D	740 5100	N/R

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

# BOS-CL Butterfly Valves

## Double-Acting

Valve Size	Order Code	Maximum Shutoff Pressure Differential
		Air Supply psi/kPa
		50 psi 340 kPa
Wet Service		
1.5-2.5" 40-60mm	CMD-35	200
		1380
3" 80mm	CMD-35	100 690
	CMD-50	200 1380
4" 100mm	CMD-75	200 1380
5" 125mm	CMD-160	200 1380
6" 150mm	CMD-160	200 1380

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

# PEC Eccentric Plug Valves\*

## Double-Acting

**Direct Pressure, Resilient Plug, Metal Seat**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
.5-1" 15 - 25mm	CMD-35	275 1890	275 1890
	CMD-35	225 1550	275 1890
1.25-1.5" 32-40mm	CMD-50	275 1890	N/R
	CMD-35	N/A	100 690
2" 50mm	CMD-50	125 860	275 1890
	CMD-75	275 1890	N/R
	CMD-50	25 170	100 690
2.5" 65mm	CMD-75	150 1030	250 1720
	CMD-110	275 1890	275 1890
	CMD-50	N/A	50 340
3" 80mm	CMD-75	50 340	125 860
	CMD-110	150 1030	250 1720
	CMD-160	275 1890	275 1890
	CMD-50	N/A	50 340

**Direct Pressure, Soft Rubber Lined Valves CIS or DIS**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
3" 80mm	CMD-75	N/A	75 520
	CMD-110	75 520	175 1210
	CMD-160	200 1380	275 1890
	CMD-255	275 1890	N/R

**Reverse Pressure, Soft Rubber Lined Valves CIS or DIS**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
3" 80mm	CMD-110	N/A	75 520
	CMD-160	75 520	175 1210
	CMD-255	225 1550	275 1890
	CMD-400	275 1890	N/R

**Direct Pressure, Metal Plug, Metal Seat or Hard Rubber Lined (CIH)  
Reverse Pressure, Resilient Plug, Metal Seat  
Reverse Pressure, Metal Plug, Metal Seat or Hard Rubber Lined (CIH)**

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
.5-1" 15-25mm	CMD- 35	225 1550	275 1890
	CMD-50	275 1890	N/R
1.25-1.5" 32-40mm	CMD-35	100 690	200 1380
	CMD-50	275 1890	275 1890
2" 50mm	CMD-50	100 690	225 1550
	CMD-75	250 1720	275 1890
	CMD-110	275 1890	N/R
2.5" 65mm	CMD-50	N/A	50 340
	CMD-75	50 340	150 1030
	CMD-110	175 1210	275 1890
	CMD-160	275 1890	N/R
3" 80mm	CMD-50	N/A	25 170
	CMD-75	25 170	75 520
	CMD-110	75 520	175 1210
	CMD-160	200 1380	275 1890
	CMD-255	275 1890	N/R

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

Direct pressure = flow into back of plug.  
Reverse pressure = flow into face of plug.

\* The valve assembly pressure rating is the pressure rating of the valve or actuator, whichever is lowest.

# PEC Eccentric Plug Valves\*

## Spring-Return

Direct Pressure, Resilient Plug, Metal Seat

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
			Air Supply psi/kPa	
	Spring-to-Close	Spring-to-Open	60 psi 410 kPa	80 psi 550 kPa
.5-1" 15-25mm	CMD-35-S8-R	CMD-35-S8-D	N/A	100 690
	CMD-50-S8-R	CMD-50-S8-D	200 1380	N/A
	CMD-50-S12-R	CMD-50-S12-D	N/A	275 1890
	CMD-75-S8-R	CMD-75-S8-D	275 1890	N/R
1.25-1.5" 32-40mm	CMD-35-S8-R	CMD-35-S8-D	N/A	25 170
	CMD-50-S8-R	CMD-50-S8-D	100 690	N/A
	CMD-50-S12-R	CMD-50-S12-D	N/A	150 1030
	CMD-75-S8-R	CMD-75-S8-D	150 1030	N/A
	CMD-75-S12-R	CMD-75-S12-D	N/A	225 1550
	CMD-110-S8-R	CMD-110-S8-D	250 1720	N/A
	CMD-110-S12-R	CMD-110-S12-D	N/A	275 1890
2" 50mm	CMD-160-S8-R	CMD-160-S8-D	275 1890	N/R
	CMD-50-S12-R	CMD-50-S12-D	N/A	25 170
	CMD-75-S8-R	CMD-75-S8-D	25 170	N/A
	CMD-75-S12-R	CMD-75-S12-D	N/A	100 690
	CMD-110-S8-R	CMD-110-S8-D	100 690	N/A
	CMD-110-S12-R	CMD-110-S12-D	N/A	200 1380
	CMD-160-S12-R	CMD-160-S12-D	N/A	275 1890
2.5" 65mm	CMD-255-S8-R	CMD-255-S8-D	275 1890	N/R
	CMD-110-S12-R	CMD-110-S12-D	N/A	25 170
	CMD-160-S8-R	CMD-160-S8-D	50 340	N/A
	CMD-160-S12-R	CMD-160-S12-D	N/A	150 1030
	CMD-255-S8-R	CMD-255-S8-D	175 1210	N/A
	CMD-255-S12-R	CMD-255-S12-D	N/A	275 1890
3" 80mm	CMD-400-S8-R	CMD-400-S8-D	275 1890	N/R
	CMD-160-S12-R	CMD-160-S12-D	N/A	75 520
	CMD-255-S8-R	CMD-255-S8-D	75 520	N/A
	CMD-255-S12-R	CMD-255-S12-D	N/A	175 1210
	CMD-400-S8-R	CMD-400-S8-D	175 1210	N/A
	CMD-400-S12-R	CMD-400-S12-D	N/A	275 1720
CMD-500-S8-R	CMD-500-S8-D	275 1720	N/R	

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

Direct pressure = flow into back of plug.  
Reverse pressure = flow into face of plug.

\* The valve assembly pressure rating is the pressure rating of the valve or actuator, whichever is lowest.

Direct Pressure, Metal Plug, Metal Seat or  
Hard Rubber Lined (CIH)

Reverse Pressure, Resilient Plug, Metal Seat

Reverse Pressure, Metal Plug, Metal Seat or  
Hard Rubber Lined (CIH)

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
			Air Supply psi/kPa	
	Spring-to-Close	Spring-to-Open	60 psi 410 kPa	80 psi 550 kPa
.5-1" 15-25mm	CMD-35-S8-R	CMD-35-S8-D	N/A	100 690
	CMD-50-S8-R	CMD-50-S8-D	150 1030	N/A
	CMD-50-S12-R	CMD-50-S12-D	N/A	225 1550
	CMD-75-S8-R	CMD-75-S8-D	200 1380	N/A
	CMD-75-S12-R	CMD-75-S12-D	N/A	275 1890
1.25-1.5" 32-40mm	CMD-110-S8-R	CMD-110-S8-D	275 1890	N/R
	CMD-35-S12-R	CMD-35-S12-D	N/A	25 170
	CMD-50-S8-R	CMD-50-S8-D	50 340	N/A
	CMD-50-S12-R	CMD-50-S12-D	N/A	100 690
	CMD-75-S8-R	CMD-75-S8-D	100 690	N/A
	CMD-75-S12-R	CMD-75-S12-D	N/A	150 1030
	CMD-110-S8-R	CMD-110-S8-D	175 1210	N/A
2" 50mm	CMD-110-S12-R	CMD-110-S12-D	N/A	275 1890
	CMD-160-S8-R	CMD-160-S8-D	275 1890	N/R
	CMD-160-S12-R	CMD-160-S12-D	N/A	200 1380
	CMD-255-S8-R	CMD-255-S8-D	275 1890	N/A
	CMD-255-S12-R	CMD-255-S12-D	N/R	275 1890
	CMD-110-S12-R	CMD-110-S12-D	N/A	25 170
	CMD-110-S8-R	CMD-110-S8-D	25 170	N/A
2.5" 65mm	CMD-160-S8-R	CMD-160-S8-D	100 690	N/A
	CMD-160-S12-R	CMD-160-S12-D	N/A	50 340
	CMD-255-S8-R	CMD-255-S8-D	100 690	N/A
	CMD-255-S12-R	CMD-255-S12-D	N/A	200 1380
	CMD-400-S8-R	CMD-400-S8-D	175 1210	N/A
	CMD-400-S12-R	CMD-400-S12-D	N/A	275 1890
	CMD-500-S8-R	CMD-500-S8-D	275 1720	N/R
3" 80mm	CMD-160-S12-R	CMD-160-S12-D	N/A	25 170
	CMD-255-S8-R	CMD-255-S8-D	25 170	N/R
	CMD-255-S12-R	CMD-255-S12-D	N/A	100 690
	CMD-400-S8-R	CMD-400-S8-D	75 520	N/A
	CMD-400-S12-R	CMD-400-S12-D	N/A	175 1210
	CMD-500-S8-R	CMD-500-S8-D	275 1890	N/A
	CMD-500-S12-R	CMD-500-S12-D	N/R	275 1720

# PEC Eccentric Plug Valves\*

## Spring-Return

### Direct Pressure, Soft Rubber Lined Valves CIS or DIS

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
			Air Supply psi/kPa	
	Spring-to-Close	Spring-to-Open	60 psi 410 kPa	80 psi 550 kPa
3" 80mm	CMD-255-S12-R	CMD-255-S12-D	N/A	$\frac{100}{690}$
	CMD-400-S8-R	CMD-400-S8-D	$\frac{75}{520}$	N/A
	CMD-400-S12-R	CMD-400-S12-D	N/A	$\frac{175}{1210}$
	CMD-500-S8-R	CMD-500-S8-D	$\frac{275}{1890}$	N/A
	CMD-500-S12-R	CMD-500-S12-D	N/R	$\frac{275}{1720}$

### Reverse Pressure, Soft Rubber Lined Valves CIS or DIS

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
			Air Supply psi/kPa	
	Spring-to-Close	Spring-to-Open	60 psi 410 kPa	80 psi 550 kPa
3" 80mm	CMD-400-S8-R	CMD-400-S8-D	$\frac{25}{170}$	N/A
	CMD-400-S12-R	CMD-400-S124-D	N/A	$\frac{75}{520}$
	CMD-500-S8-R	CMD-500-S8-D	$\frac{225}{1550}$	N/A
	CMD-500-S12-R	CMD-500-S12-D	N/A	$\frac{275}{1890}$

N/A = Not Available. Use next larger actuator.  
N/R = Not Required. Use next smaller actuator.

Direct pressure = flow into back of plug.  
Reverse pressure = flow into face of plug.

\* The valve assembly pressure rating is the pressure rating of the valve or actuator, whichever is lowest.

### **Sales and Service**

For information about our worldwide locations, approvals, certifications and local representative:

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