

# **DeZURIK POWERRAC® CYLINDER ACTUATORS SIZING SHEETS**



# RCV Rotary Control Valves

## Double-Acting ASME Class 150

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-2" 25-50mm	PR-R1A-PC4*	285	285
		1960	1960
2.5" 65mm	PR-R1A-PC4*	285	285
		1960	1960
3" 80mm	PR-R1A-PC4*	200 1380	285 1960
	PR-R1A-PC6	285 1960	N/R
4" 100mm	PR-R1A-PC4*	50 340	100 690
	PR-R1A-PC6	250 1720	285 1960
	PR-R2A-PC6	285 1960	285 1960
	PR-R2A-PC8	285 1960	N/R
6" 150mm	PR-R2A-PC6	150 1030	250 1720
	PR-R2A-PC8	285 1960	285 1960
8" 200mm	PR-R2A-PC6	N/A	75 520
	PR-R2A-PC8	125 860	200 1380
	PR-R3A-PC8	285 1960	285 1960
10" 250mm	PR-R3A-PC8	150 1030	250 1720
	PR-R3A-PC10	285 1960	285 1960
12" 300mm	PR-R3A-PC8	75 520	125 860
	PR-R3A-PC10	175 1210	250 1720

## Spring Return ASME Class 150

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-2" 25-50mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285
			1960
2.5" 65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	200 1380
3" 80mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 340
4" 100mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	250 1720
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 1030
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
8" 200mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	125 860

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# RCV Rotary Control Valves

## Double-Acting ASME Class 300

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-2" 25-50mm	PR-R1A-PC4*	740	740
		5100	5100
2.5" 65mm	PR-R1A-PC4*	350	550
	PR-R1A-PC6	2410	3790
3" 80mm	PR-R1A-PC4*	740	740
	PR-R1A-PC6	5100	5100
	PR-R2A-PC6	200	300
4" 100mm	PR-R1A-PC4*	1380	2070
	PR-R1A-PC6	600	740
	PR-R2A-PC6	4130	5100
6" 150mm	PR-R1A-PC4*	740	N/R
	PR-R1A-PC6	5100	N/R
	PR-R2A-PC6	50	100
	PR-R2A-PC8	340	690
8" 200mm	PR-R1A-PC6	250	400
	PR-R2A-PC6	1720	2760
	PR-R2A-PC8	600	740
	PR-R2A-PC8	4130	5100
10" 250mm	PR-R2A-PC6	740	N/R
	PR-R2A-PC8	5100	N/R
	PR-R3A-PC8	150	250
12" 300mm	PR-R2A-PC6	1030	1720
	PR-R2A-PC8	400	550
1-2" 25-50mm	PR-R2A-PC8	2760	3790
	PR-R3A-PC8	740	740
3" 80mm	PR-R3A-PC8	5100	5100
	PR-R2A-PC6	N/A	75
	PR-R2A-PC8	125	200
	PR-R3A-PC8	860	1380
4" 100mm	PR-R3A-PC8	325	525
	PR-R3A-PC10	2240	3620
	PR-R3A-PC10	625	740
6" 150mm	PR-R3A-PC10	4310	5100
	PR-R3A-PC8	150	250
8" 200mm	PR-R3A-PC8	1030	1720
	PR-R3A-PC10	300	500
10" 250mm	PR-R3A-PC10	2070	3450
	PR-R3A-PC8	75	125
12" 300mm	PR-R3A-PC8	520	860
	PR-R3A-PC10	175	250
		1210	1720

## Spring Return ASME Class 300

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-2" 25-50mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	60 (410)
			740
2.5" 65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	350
3" 80mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	2410
	PR-R1A-SC4-R-60*	PR-R1A-SC6-D-60	740
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	5100
4" 100mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	200
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	1380
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	600
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	4130
6" 150mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	50
8" 200mm	PR-R1A-SC8-R-60	PR-R1A-SC8-D-60	340
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	250
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	1720
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	600
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	4130
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740
			5100
			150
			1030
			400
			2760
			125
			860

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# VPB V-Port Ball Valves

## Double-Acting

ASME Class 150

Flex Metal Seat (S6N, S5C),

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-4" 25-100mm	PR-R1A-PC4*	285 1960	285 1960
	PR-R1A-PC6	285 1960	285 1960
6-8" 150-200mm	PR-R2A-PC6	285 1960	285 1960
	PR-R2A-PC6	100 690	150 1030
10" 250mm	PR-R2A-PC8	250 1720	285 1960
	PR-R3A-PC8	285 1960	N/R
	PR-R2A-PC6	N/A	100 690
12" 300mm	PR-R2A-PC8	150 1030	250 1720
	PR-R3A-PC8	285 1960	285 1960
	PR-R3A-PC8	200 1380	285 1960
14" 350mm	PR-R3A-PC8	285 1960	N/R
	PR-R3A-PC10	125 860	200 1380
16" 400mm	PR-R3A-PC10	250 1720	285 1960
	PR-R3A-PC8	N/A	100 690
18" 450mm	PR-R3A-PC10	150 1030	200 1380
	PR-R3A-PC10	N/A	100 690
20" 500mm	PR-R3A-PC10	N/A	100 690

## Spring Return

ASME Class 150

Flex Metal Seat (S6N, S5C),

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-4" 25-100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	200 1380
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	175 1210
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	100 690

## Double-Acting

ASME Class 300

Flex Metal Seat (S6N, S5C),

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-3" 25-80mm	PR-R1A-PC4*	740 5100	740 5100
	PR-R1A-PC6	740 5100	740 5100
4" 100mm	PR-R1A-PC4*	600 4140	740 5100
	PR-R1A-PC6	740 5100	740 5100
6" 150mm	PR-R2A-PC6	650 4480	740 5100
	PR-R2A-PC8	740 5100	N/R
8" 200mm	PR-R2A-PC6	350 2410	500 3450
	PR-R2A-PC8	740 5100	740 5100
10" 250mm	PR-R2A-PC6	100 690	150 1030
	PR-R2A-PC8	250 1720	400 2760
	PR-R3A-PC8	450 3100	625 4310
	PR-R3A-PC10	740 5100	740 5100
12" 300mm	PR-R2A-PC6	N/A	100 690
	PR-R2A-PC8	150 1030	250 1720
	PR-R3A-PC8	300 2070	425 2930
	PR-R3A-PC10	500 3450	675 4650

## Spring Return

ASME Class 300

Flex Metal Seat (S6N, S5C),

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-3" 25-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	600 4140
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	200 1380
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740 5100
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	175 1210

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# VPB V-Port Ball Valves

## Double-Acting

ASME Class 150

Solid Seat S3S, S3SI, S3R, S3RI, HCRI),  
PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-4" 25-100mm	PR-R1A-PC4*	285 1960	285 1960
	PR-R1A-PC6	285 1960	285 1960
6-8" 150-200mm	PR-R2A-PC6	285 1960	285 1960
10" 250mm	PR-R2A-PC6	150 1030	250 1720
	PR-R2A-PC8	285 1960	285 1960
12" 300mm	PR-R2A-PC6	100 690	150 1030
	PR-R2A-PC8	200 1380	285 1960
	PR-R3A-PC8	285 1960	N/R
14" 350mm	PR-R2A-PC6	N/A	50 350
	PR-R2A-PC8	150 1030	200 1380
	PR-R3A-PC8	225 1550	250 1720
	PR-R3A-PC10	285 1960	285 1960
16" 400mm	PR-R2A-PC8	100 690	150 1030
	PR-R3A-PC8	150 1030	175 1210
	PR-R3A-PC10	225 1550	285 1960
18" 450mm	PR-R2A-PC8	N/A	50 350
	PR-R3A-PC8	50 350	125 860
	PR-R3A-PC10	150 1030	200 1380
20" 500mm	PR-R3A-PC10	50 350	100 690

## Spring Return

ASME Class 150

Solid Seat S3S, S3SI, S3R, S3RI, HCRI),  
PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-4" 25-100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
6-8" 150-200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 1030
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	200 1380
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
16" 450mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	100 690

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering  
\*For the best positioner performance, size C6 cylinder should be used  
N/A = Not available. Use next larger actuator  
N/R = Not required. Use next smaller actuator

# VPB V-Port Ball Valves

## Double-Acting

ASME Class 300

Solid Seat S3S, S3SI, S3R, S3RI, HCRI),  
PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-3" 25-80mm	PR-R1A-PC4*	740 5100	740 5100
	PR-R1A-PC6	740 5100	740 5100
4" 100mm	PR-R1A-PC4*	300 2070	550 3800
	PR-R1A-PC6	740 5100	740 5100
6" 150mm	PR-R2A-PC6	550 3800	740 5100
	PR-R2A-PC8	740 5100	N/R
8" 200mm	PR-R2A-PC6	450 3100	650 4480
	PR-R2A-PC8	740 5100	740 5100
10" 250mm	PR-R2A-PC6	150 1030	250 1720
	PR-R2A-PC8	350 2410	500 3450
	PR-R3A-PC8	550 3800	740 5100
	PR-R3A-PC10	740 5100	N/R
12" 300mm	PR-R2A-PC6	100 690	150 1030
	PR-R2A-PC8	200 1380	350 2410
	PR-R3A-PC8	400 2760	550 3800
	PR-R3A-PC10	650 4480	740 5100

## Spring Return

ASME Class 300

Solid Seat S3S, S3SI, S3R, S3RI, HCRI),  
PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-3" 25-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	300 2070
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	550 3800
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	450 3100
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740 5100
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 1030
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	350 2410
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	200 1380

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# VPB V-Port Ball Valves

## Double-Acting

ASME Class 150

Solid Seat (S3S, S3SI, S3R, S3RI, HCRI),  
Solid Bearings (S9, S9VS, SL, SLVS, SLKS,  
HC, HCVS, HCKS), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-3" 25-80mm	PR-R1A-PC4*	285 1960	285 1960
	PR-R1A-PC6	285 1960	285 1960
4" 100mm	PR-R1A-PC4*	150 1030	285 1960
	PR-R1A-PC6	285 1960	285 1960
6" 150mm	PR-R1A-PC6	N/A	285 1960
	PR-R2A-PC6	285 1960	N/R
8" 200mm	PR-R2A-PC6	285 1960	285 1960
10" 250mm	PR-R2A-PC6	100 690	250 1720
	PR-R2A-PC8	200 1380	285 1960
	PR-R3A-PC8	285 1960	N/R
12" 300mm	PR-R2A-PC6	50 350	150 1030
	PR-R2A-PC8	150 1030	250 1720
	PR-R3A-PC8	285 1960	285 1960
14" 350mm	PR-R2A-PC6	N/A	50 350
	PR-R2A-PC8	100 690	175 1210
	PR-R3A-PC8	225 1550	250 1720
	PR-R3A-PC10	285 1960	285 1960
16" 400mm	PR-R2A-PC8	50 350	150 1030
	PR-R3A-PC8	150 1030	175 1210
	PR-R3A-PC10	225 1550	285 1960
18" 450mm	PR-R2A-PC8	N/A	50 350
	PR-R3A-PC8	50 350	125 860
	PR-R3A-PC10	150 1030	200 1380
20" 500mm	PR-R3A-PC10	N/A	100 690

## Spring Return

ASME Class 150

Solid Seat (S3S, S3SI, S3R, S3RI, HCRI), Solid  
Bearings (S9, S9VS, SL, SLVS, SLKS, HC, HCVS,  
HCKS), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-3" 25-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	150 1030
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
6-8" 150-200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	200 1380
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 350
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	100 690
16" 400mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 350

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering  
\*For the best positioner performance, size C6 cylinder should be used  
N/A = Not available. Use next larger actuator  
N/R = Not required. Use next smaller actuator

# VPB V-Port Ball Valves

## Double-Acting

ASME Class 300

Solid Seat (S3S, S3SI, S3R, S3RI, HCRI),  
Solid Bearings (S9, S9VS, SL, SLVS,  
SLKS, HC, HCVS, HCKS), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-2" 25-50mm	PR-R1A-PC4*	740 5100	740 5100
	PR-R1A-PC6	740 5100	740 5100
2.5" 65mm	PR-R1A-PC4*	550 3800	740 5100
	PR-R1A-PC6	740 5100	740 5100
3" 80mm	PR-R1A-PC4*	500 3450	740 5100
	PR-R1A-PC6	700 4830	740 5100
	PR-R2A-PC6	740 5100	N/R
4" 100mm	PR-R1A-PC4*	150 1030	600 4140
	PR-R1A-PC6	300 2070	740 5100
	PR-R2A-PC6	740 5100	N/R
6" 150mm	PR-R1A-PC6	N/A	350 2410
	PR-R2A-PC6	350 2410	740 5100
	PR-R2A-PC8	700 4830	N/R
	PR-R3A-PC8	740 5100	N/R
8" 200mm	PR-R2A-PC6	300 2070	650 4480
	PR-R2A-PC8	600 4140	740 5100
	PR-R3A-PC8	740 5100	N/R
10" 250mm	PR-R2A-PC6	100 690	250 1720
	PR-R2A-PC8	200 1380	350 3450
	PR-R3A-PC8	350 2410	525 3620
	PR-R3A-PC10	650 4480	740 5100
12" 300mm	PR-R2A-PC6	50 340	150 1030
	PR-R2A-PC8	150 1030	250 1720
	PR-R3A-PC8	285 1960	375 2590
	PR-R3A-PC10	450 3100	625 4310

## Spring Return

ASME Class 300

Solid Seat (S3S, S3SI, S3R, S3RI, HCRI), Solid Bearings (S9, S9VS, SL, SLVS, SLKS, HC, HCVS, HCKS), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-2" 25-50mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
2.5" 65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	550 3800
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
3" 80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	500 3450
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	700 4830
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	150 1030
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	300 2070
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	350 2410
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	700 4830
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	300 2070
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	600 4140
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 690
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	200 1380
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 350
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator



# VPB V-Port Ball Valves

## Double-Acting

ASME Class 150 or 300

PTFE Seat (RT)

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1-4" 25-100mm	PR-R1A-PC4*	285 1960	285 1960
	PR-R1A-PC6	285 1960	285 1960
6-8" 150-200mm	PR-R2A-PC6	285 1960	285 1960
	PR-R2A-PC6	250 1720	285 1960
10" 250mm	PR-R2A-PC6	150 1030	250 1720
	PR-R2A-PC8	285 1960	N/R
12" 300mm	PR-R2A-PC6	285 1960	285 1960
	PR-R2A-PC8	285 1960	285 1960
14" 350mm	PR-R2A-PC6	N/A	50 350
	PR-R2A-PC8	150 1030	250 1720
16" 400mm	PR-R2A-PC8	50 350	150 1030
	PR-R2A-PC8	N/A	25 170

## Spring Return

ASME Class 150 or 300

PTFE Seat (RT)

PTFE Bearings (FT), Flow to Open

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
1-4" 25-100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
6-8" 150-200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	250 1720
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 350
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	25 170

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Double-Acting

ASME Class 150

PTFE (TT, TI, RT, RI) Seats

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-5" 50-125mm	PR-R1A-PC4*	285	285
		1960	1960
6" 150mm	PR-R1A-PC4*	N/A	100 690
	PR-R1A-PC6	285 1960	285 1960
8" 200mm	PR-R1A-PC4*	N/A	25 170
	PR-R1A-PC6	175 1210	285 1960
	PR-R2A-PC6	285 1960	N/R
10" 250mm	PR-R2A-PC6	150 1030	285 1960
	PR-R2A-PC8	285 1960	N/R
12" 300mm	PR-R2A-PC6	50 340	125 860
	PR-R2A-PC8	250 1550	285 1960
	PR-R3A-PC8	285 1960	N/R
14" 350mm	PR-R2A-PC6	25 170	75 520
	PR-R2A-PC8	150 1030	250 1720
	PR-R3A-PC8	285 1960	285 1960
16" 400mm	PR-R2A-PC6	N/A	25 170
	PR-R2A-PC8	75 520	150 1030
	PR-R3A-PC8	175 1210	250 1720
	PR-R3A-PC10	285 1960	285 1960
18" 450mm	PR-R2A-PC8	25 170	75 520
	PR-R3A-PC8	100 690	175 1210
	PR-R3A-PC10	225 1550	285 1960
20" 500mm	PR-R3A-PC8	25 170	75 520
	PR-R3A-PC10	100 690	150 1030
24" 600mm	PR-R3A-PC8	N/A	55 380
	PR-R3A-PC10	105 720	185 1270
28" 700mm	PR-R3A-PC10	65 450	125 860
30" 750mm	PR-R3A-PC10	65 450	125 860
36" 900mm	PR-R3A-PC10	25 170	60 410
42" 1050mm	PR-R3A-PC10	20 140	50 340

## Double-Acting

ASME Class 150

Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-4" 50-100mm	PR-R1A-PC4*	285	285
		1960	1960
6" 150mm	PR-R1A-PC4*	N/A	50 340
	PR-R1A-PC6	285 1960	285 1960
8" 200mm	PR-R1A-PC6	150 1030	285 1960
	PR-R2A-PC6	285 1960	N/R
10" 250mm	PR-R2A-PC6	50 340	130 900
	PR-R2A-PC8	230 1585	285 1960
12" 300mm	PR-R2A-PC6	N/A	50 340
	PR-R2A-PC8	150 1030	275 1890
	PR-R3A-PC8	285 1960	N/R
14" 350mm	PR-R2A-PC8	25 170	75 170
	PR-R3A-PC8	100 690	175 1210
	PR-R3A-PC10	240 1650	285 1960
16" 400mm	PR-R2A-PC8	N/A	50 340
	PR-R3A-PC8	75 520	125 860
	PR-R3A-PC10	180 1240	285 1960
18" 450mm	PR-R3A-PC8	40 280	80 550
	PR-R3A-PC10	120 830	225 1550
20" 500mm	PR-R3A-PC8	10 70	50 340
	PR-R3A-PC10	90 620	175 1210
24" 600mm	PR-R3A-PC8	N/A	10 70
	PR-R3A-PC10	40 280	100 690

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Double-Acting

ASME Class 150

Metal (S2) Seat

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-3" 50-80mm	PR-R1A-PC4*	285	285
		1960	1960
4" 100mm	PR-R1A-PC4*	N/A	75 520
	PR-R1A-PC6	285 1960	285 1960
6" 150mm	PR-R1A-PC6	N/A	100 690
	PR-R2A-PC6	285 1960	285 1960
8" 200mm	PR-R2A-PC6	125 860	285 1960
	PR-R2A-PC8	285 1960	N/R
10" 250mm	PR-R2A-PC8	150 1030	285 1960
12" 300mm	PR-R2A-PC8	N/A	100 690
	PR-R3A-PC8	140 960	285 1960
	PR-R3A-PC10	285 1960	N/R
14" 350mm	PR-R2A-PC8	N/A	50 340
	PR-R3A-PC8	75 520	175 1210
	PR-R3A-PC10	225 1550	285 1960
16" 400mm	PR-R2A-PC8	N/A	25 170
	PR-R3A-PC8	50 340	125 860
	PR-R3A-PC10	160 1100	285 1960
18" 450mm	PR-R3A-PC8	25 170	80 550
	PR-R3A-PC10	110 760	225 1550
20" 500mm	PR-R3A-PC8	N/A	40 280
	PR-R3A-PC10	60 410	125 860
24" 600mm	PR-R3A-PC10	25 170	70 480

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Double-Acting

ASME Class 300

PTFE (TT, TI, RT, RI) Seats

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-5" 50-125mm	PR-R1A-PC4*	740	740
		5100	5100
6" 150mm	PR-R1A-PC4*	10	50
		70	340
	PR-R1A-PC6	575 3960	740 5100
8" 200mm	PR-R2A-PC6	740	740
		5100	5100
10" 250mm	PR-R2A-PC6	140	740
		960	5100
	PR-R2A-PC8	740	N/R
		5100	
12" 300mm	PR-R2A-PC6	75	220
		520	1520
	PR-R2A-PC8	350	575
		2410	3960
PR-R3A-PC8	640	740	
	4410	5100	
PR-R3A-PC10	740	N/R	
	5100		
14" 350mm	PR-R2A-PC6	25	150
		170	1030
	PR-R2A-PC8	285	440
		1960	3030
PR-R3A-PC8	475	740	
	3270	5100	
PR-R3A-PC10	740	N/R	
	5100		
16" 400mm	PR-R2A-PC6	N/A	30
			210
	PR-R2A-PC8	25	75
		170	520
PR-R3A-PC8	110	680	
	760	4690	
PR-R3A-PC10	740	740	
	5100	5100	
18" 450mm	PR-R3A-PC8	70	130
		480	900
PR-R3A-PC10	250	670	
	1720	4620	
20" 500mm	PR-R3A-PC8	10	60
		70	410
PR-R3A-PC10	130	350	
	900	2410	
24" 600mm	PR-R3A-PC8	N/A	55
			380
PR-R3A-PC10	105	185	
	720	1270	

## Double-Acting

ASME Class 300

Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-3" 50-80mm	PR-R1A-PC4*	740	740
		5100	5100
4" 100mm	PR-R1A-PC4*	600	740
		4130	5100
PR-R1A-PC6	740	N/R	
	5100		
6" 150mm	PR-R1A-PC4*	N/A	50
			340
	PR-R1A-PC6	375	550
PR-R2A-PC6	2580	3790	
	740	740	
PR-R2A-PC8	5100	5100	
	675	740	
PR-R2A-PC6	4620	5100	
	740	N/R	
PR-R2A-PC8	5100		
	50	130	
10" 250mm	PR-R2A-PC6	340	900
		230	350
	PR-R2A-PC8	1585	2410
		375	490
PR-R3A-PC8	2580	3380	
	575	740	
PR-R3A-PC10	3960	5100	
	N/A	50	
12" 300mm	PR-R2A-PC6	50	275
		340	1890
	PR-R2A-PC8	300	425
		2070	2890
PR-R3A-PC8	525	740	
	3620	5100	
14" 350mm	PR-R2A-PC8	N/A	75
			520
	PR-R3A-PC8	100	175
PR-R3A-PC10	690	1210	
	240	410	
1650	2820		
16" 400mm	PR-R2A-PC8	N/A	50
			340
	PR-R3A-PC8	75	125
PR-R3A-PC10	520	860	
	180	300	
1240	2070		
18" 450mm	PR-R3A-PC8	40	80
		280	550
PR-R3A-PC10	120	225	
	830	1550	
20" 500mm	PR-R3A-PC8	10	50
		70	340
PR-R3A-PC10	90	175	
	620	1240	
24" 600mm	PR-R3A-PC8	N/A	10
			70
PR-R3A-PC10	40	100	
	280	690	

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Double-Acting

ASME Class 300

Metal (S2) Seat

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2" 50mm	PR-R1A-PC4*	740	740
		5100	5100
2.5" 65mm	PR-R1A-PC4*	625 4310	740 5100
	PR-R1A-PC6	740 5100	N/R
3" 80mm	PR-R1A-PC4*	400 2760	675 4650
	PR-R1A-PC6	740 5100	740 5100
4" 100mm	PR-R1A-PC4*	N/A	75 520
	PR-R1A-PC6	475 3270	740 5100
6" 150mm	PR-R1A-PC6	N/A	100 690
	PR-R2A-PC6	550 3790	700 4820
	PR-R2A-PC8	740 5100	740 5100
8" 200mm	PR-R2A-PC6	125 860	325 2240
	PR-R2A-PC8	525 3620	675 4650
	PR-R3A-PC8	710 4890	740 5100
	PR-R3A-PC10	740 5100	N/R
10" 250mm	PR-R2A-PC8	150 1030	475 3270
	PR-R3A-PC8	500 3450	640 4410
	PR-R3A-PC10	680 4690	740 5100
12" 300mm	PR-R2A-PC8	N/A	100 690
	PR-R3A-PC8	140 960	300 2070
	PR-R3A-PC10	410 2820	740 5100
14" 350mm	PR-R2A-PC8	N/A	50 340
	PR-R3A-PC8	75 520	175 1210
	PR-R3A-PC10	225 1550	475 3270
16" 400mm	PR-R2A-PC8	N/A	25 170
	PR-R3A-PC8	50 340	125 860
	PR-R3A-PC10	160 1100	310 2140
18" 450mm	PR-R3A-PC8	25 170	80 550
	PR-R3A-PC10	110 760	225 1550
20" 500mm	PR-R3A-PC8	N/A	40 280
	PR-R3A-PC10	60 410	125 860
24" 600mm	PR-R3A-PC10	25 170	70 480

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Spring Return

ASME Class 150  
PTFE (TT, TI, RT, RI) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-5" 50-125mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
6" 150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
8" 200mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	175 1210
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 1030
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 340
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	250 1720
14" 350mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	25 170
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
16" 400mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	75 520
18" 450mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	25 170

## Spring Return

ASME Class 150  
Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-3" 50-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
6" 150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
8" 200mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	150 1030
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 1030
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	230 1585
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	25 170

## Spring Return

ASME Class 150  
Metal (S2) Seat

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-3" 50-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 1960
4" 100mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285 1960
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285 1960
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	125 860
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030

## Spring Return

ASME Class 300  
PTFE (TT, TI, RT, RI) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-5" 50-125mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
6" 150mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	10 70
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	140 960
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740 5100
12" 300mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	75 520
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	350 2410
14" 350mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	25 170
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285 1960
16" 400mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	25 170

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BHP Butterfly Valves

## Spring Return

ASME Class 300

Dual (TTS2, TIS2, RTS2, RIS2) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-3" 50-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	600 4130
4" 100mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	375 2580
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	675 4650
8" 200mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740 5100
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 340
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	230 1585
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	25 170
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	

## Spring Return

ASME Class 300

Metal (S2) Seat

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
			60 (410)
2-2.5" 50-65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	675 4650
3" 80mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	75 520
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 5100
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	700 4820
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 5100
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	325 2240
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	675 4650
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 1030
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BOS CL Resilient Seated Butterfly Valves

## Double Acting

60 psi (410 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		Wet Service	Dry Service
		2-3" 50-80mm	PR-R1A-PC4
4" 100mm	PR-R1A-PC4	175 1210	50 340
5" 125mm	PR-R1A-PC6	175 1210	50 340
6" 150mm	PR-R1A-PC6	175 1210	50 340
8" 200mm	PR-R2A-PC6	175 1210	50 340
10" 250mm	PR-R2A-PC6	50 340	N/A
	PR-R2A-PC8	175 1210	50 340
12" 300mm	PR-R2A-PC8	125 860	25 170
	GS-6A-PC8	175 1210	50 340
14" 350mm	PR-R2A-PC8	75 520	25 170
	GS-6A-PC8	150 1030	50 340
16" 400mm	GS-6A-PC8	50 340	N/A
	GS-12A-PC6	N/R	50 340
	GS-12A-PC8	150 1030	N/A
18" 450mm	GS-12A-PC8	150 1030	50 340
20" 500mm	GS-12A-PC8	75 520	N/A
	GS-12A-PC10	150 1030	50 340

## Spring Return

60 psi (410 kPa) Air Supply

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
	Spring-to-Close (R)	Spring-to-Open (D)	Wet Service	Dry Service
	2-4" 50-100mm	PR-R1A-SC4-R-60	PR-R1A-SC4-D-60	175 1210
5" 125mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	175 1210	50 340
6" 150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	175 1210	50 340
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	175 1210	50 340
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 340	N/A
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	175 1210	50 340
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	100 690	25 170
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	75 520	25 170

## Double Acting

80 psi (550 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		Wet Service	Dry Service
		2-3" 50-80mm	PR-R1A-PC4
4" 100mm	PR-R1A-PC4	175 1210	50 340
5" 125mm	PR-R1A-PC4	100 690	50 340
	PR-R1A-PC6	175 1210	N/A
6" 150mm	PR-R1A-PC6	175 1210	50 340
8" 200mm	PR-R2A-PC6	175 1210	50 340
10" 250mm	PR-R2A-PC6	175 1210	50 340
12" 300mm	PR-R2A-PC8	175 1210	50 340
14" 350mm	PR-R2A-PC8	150 1030	50 340
16" 400mm	GS-6A-PC8	150 1030	50 340
18" 450mm	GS-12A-PC6	50 340	N/A
	GS-12A-PC8	150 1030	50 340
20" 500mm	GS-12A-PC8	150 1030	50 340
24" 600mm	GS-12A-PC10	150 1030	50 340

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator



# BOS US Resilient Seated Butterfly Valves

## Double Acting

60 psi (410 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		Wet Service	Dry Service
2-3" 50-80mm	PR-R1A-PC4	250	50
		1720	340
4" 100mm	PR-R1A-PC4	250	50
		1720	340
5" 125mm	PR-R1A-PC4	50	N/A
	PR-R1A-PC6	250	50
6" 150mm	PR-R1A-PC6	200	50
	PR-R2A-PC6	1380	340
8" 200mm	PR-R2A-PC6	250	N/A
	PR-R2A-PC8	175	50
10" 250mm	PR-R2A-PC8	1210	340
	PR-R2A-PC8	225	50
12" 300mm	GS-12A-PC6	1550	340
	GS-12A-PC8	100	N/A
14" 350mm	GS-12A-PC8	250	50
	GS-12A-PC8	1720	340
16" 400mm	GS-12A-PC8	75	N/A
	GS-12A-PC10	520	N/A
18" 450mm	GS-12A-PC10	250	50
	GS-12A-PC10	1380	340
20" 500mm	GS-12A-PC10	100	25
	GS-12A-PC10	1090	170
24" 600mm	GS-12-PC8	100	O/A
	GS-12-PC10	690	
28-30" 600-750mm	GS-12-PC10	175	
	GS-12-PC12	1210	

## Double Acting

80 psi (550 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		Wet Service	Dry Service
2-4" 50-100mm	PR-R1A-PC4	250	50
		1720	340
5" 125mm	PR-R1A-PC4	150	50
	PR-R1A-PC6	1035	340
6" 150mm	PR-R1A-PC6	250	50
	PR-R1A-PC6	1720	340
8" 200mm	PR-R2A-PC6	250	50
	PR-R2A-PC6	1720	340
10" 250mm	PR-R2A-PC6	100	25
	PR-R2A-PC8	690	170
12" 300mm	PR-R2A-PC8	250	50
	PR-R2A-PC8	1720	340
14" 350mm	GS-6A-PC8	150	50
	GS-12A-PC6	1035	340
16" 400mm	GS-6A-PC8	25	N/A
	GS-12A-PC6	170	N/A
18" 450mm	GS-12A-PC6	100	25
	GS-12A-PC8	690	170
20" 500mm	GS-12A-PC8	250	50
	GS-12A-PC8	1720	340
24" 600mm	GS-12A-PC8	25	N/A
	GS-12A-PC10	170	N/A
28-30" 600-750mm	GS-12A-PC10	250	50
	GS-12A-PC10	1720	340
32-36" 700-900mm	GS-12-PC6	25	O/A
	GS-12-PC8	170	
24" 600mm	GS-12-PC8	150	
	GS-12-PC10	1035	
28-30" 600-750mm	GS-12-PC10	175	
	GS-12-PC12	1210	
28-30" 600-750mm	GS-12-PC8	75	
	GS-12-PC10	520	
32-36" 700-900mm	GS-12-PC10	125	
	GS-12-PC10	860	
32-36" 700-900mm	GS-12-PC10	175	
	GS-12-PC10	1210	
32-36" 700-900mm	GS-12-PC10	75	
	GS-12-PC10	520	

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

\*For the best positioner performance, size C6 cylinder should be used

N/A = Not available. Use next larger actuator

N/R = Not required. Use next smaller actuator

# BOS US Resilient Seated Butterfly Valves

## Spring Return

60 psi (410 kPa) Air Supply

Valve Size	Order Code		Maximum Shutoff Pressure Differential	
	Spring-to-Close (R)	Spring-to-Open (D)	Wet Service	Dry Service
2-2.5" 50-65mm	PR-R1A-SC4-R-60	PR-R1A-SC4-D-60	250	50
			1720	340
3" 80mm	PR-R1A-SC4-R-60	PR-R1A-SC4-D-60	250	50
			1720	340
4" 100mm	PR-R1A-SC4-R-60	PR-R1A-SC4-D-60	250	50
			1720	340
5" 125mm	PR-R1A-SC4-R-60	PR-R1A-SC4-D-60	50	N/A
			340	
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	250	50
			1720	340
6" 150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	200	50
			1380	340
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	250	N/A
			1720	
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	200	50
			1380	340
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	250	N/A
			1720	
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	225	50
			1550	340

# PEC (.5-3") Eccentric Plug Valves

## Double-Acting

Resilient Plug, Metal Seat, Direct Pressure

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
.5-2" 15-50mm	PR-R1A-PC4*	275	275
		1890	1890
2.5" 65mm	PR-R1A-PC4*	100	225
	PR-R1A-PC6	690	1550
3" 80mm	PR-R1A-PC4*	275	275
	PR-R1A-PC6	1890	1890

## Spring Return

Resilient Plug, Metal Seat, Direct Pressure

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
.5-2" 15-50mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	60 (410)
			275 1890
2.5" 65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	100 690
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	275 1890
3" 80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 340
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	275 1890

## Double-Acting

Resilient Plug, Metal Seat, Reverse Pressure

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
.5-1.5" 15-40mm	PR-R1A-PC4*	275	275
		1890	1890
2" 50mm	PR-R1A-PC4*	200	275
	PR-R1A-PC6	1380	1890
2.5" 65mm	PR-R1A-PC4*	275	N/R
	PR-R1A-PC6	1890	
3" 80mm	PR-R1A-PC4*	50	125
	PR-R1A-PC6	340	860
3" 80mm	PR-R1A-PC4*	275	275
	PR-R1A-PC6	1890	1890

## Spring Return

Resilient Plug, Metal Seat, Reverse Pressure

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close (R)	Spring-to-Open (D)	
.5-1.5" 15-40mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	60 (410)
			275 1890
2" 50mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	200 1380
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	275 1890
2.5" 65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 340
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	275 1890
3" 80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	25 270
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	225 1550

Note: When PowerRac® is ordered with TMO, all four mounting positions may not be available. Contact Application Engineering

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N/R = Not required. Use next smaller actuator

## Sales and Service

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

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