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DeZURIK
APCO | HILTON

DeZURIK POWERRAC® CYLINDER ACTUATORS SIZING SHEETS



RCV Rotary Control Valves

Double-Acting

ANSI 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 (1960)	285 (1960)
2.5″ (65mm)	PR-R1A-PC4*	285 (1960)	285 (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

ANSI Class 150

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close	Spring-to-Open	60 (410)
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 (1960)
	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)

Double-Acting

ANSI 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 (5100)	740 (5100)
2.5″ (65mm)	PR-R1A-PC4*	350 (2410)	550 (3790)
	PR-R1A-PC6	740 (5100)	740 (5100)
3″ (80mm)	PR-R1A-PC4*	200 (1380)	300 (2070)
	PR-R1A-PC6	600 (4130)	740 (5100)
	PR-R2A-PC6	740 (5100)	N/R
4″ (100mm)	PR-R1A-PC4*	50 (340)	100 (690)
	PR-R1A-PC6	250 (1720)	400 (2760)
	PR-R2A-PC6	600 (4130)	740 (5100)
	PR-R2A-PC8	740 (5100)	N/R
6″ (150mm)	PR-R2A-PC6	150 (1030)	250 (1720)
	PR-R2A-PC8	400 (2760)	550 (3790)
	PR-R3A-PC8	740 (5100)	740 (5100)
8″ (200mm)	PR-R2A-PC6	N/A	75 (520)
	PR-R2A-PC8	125 (860)	200 (1380)
	PR-R3A-PC8	325 (2240)	525 (3620)
	PR-R3A-PC10	625 (4310)	740 (5100)
10″ (250mm)	PR-R3A-PC8	150 (1030)	250 (1720)
	PR-R3A-PC10	300 (2070)	500 (3450)
12″ (300mm)	PR-R3A-PC8	75 (520)	125 (860)
	PR-R3A-PC10	175 (1210)	250 (1720)

Spring Return

ANSI Class 300

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close	Spring-to-Open	60 (410)
1-2″ (25-50mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740 (5100)
2.5″ (65mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	350 (2410)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740 (5100)
3″ (80mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	200 (1380)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	600 (4130)
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	740 (5100)
4″ (100mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 (340)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	250 (1720)
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	600 (4130)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740 (5100)
6″ (150mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	150 (1030)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	400 (2760)
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 factory for dimensional drawings.
*For the best positioner performance, size C6 cylinder should be used.
N/A = Not available. Use larger actuator or contact factory.
N/R = Not required. Use next smaller actuator.

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VPB V-Port Ball Valves

Double-Acting

ANSI Class 150

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1″ (25mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
1.5″ (40mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
2″ (50mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
2.5″ (65mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
3″ (80mm)	PR-R1A-PC4*	200 (1380)	285 (1960)
	PR-R1A-PC6	285 (1960)	N/R
4″ (100mm)	PR-R1A-PC4*	N/A	100 (690)
	PR-R1A-PC6	285 (1960)	285 (1960)
6″ (150mm)	PR-R2A-PC6	250 (1720)	285 (1960)
	PR-R2A-PC8	285 (1960)	N/R
8″ (200mm)	PR-R2A-PC6	200 (1380)	250 (1720)
	PR-R2A-PC8	285 (1960)	285 (1960)
10″ (250mm)	PR-R2A-PC6	125 (860)	190 (1310)
	PR-R2A-PC8	250 (1720)	285 (1960)
	PR-R3A-PC8	285 (1960)	N/R
12″ (300mm)	PR-R2A-PC6	40 (280)	80 (550)
	PR-R2A-PC8	140 (960)	220 (1520)
	PR-R3A-PC8	285 (1960)	285 (1960)
14″ (350mm)	PR-R2A-PC6	N/A	50 (340)
	PR-R2A-PC8	100 (690)	150 (1030)
	PR-R3A-PC8	190 (1310)	250 (1720)
	PR-R3A-PC10	285 (1960)	285 (1960)
16″ (400mm)	PR-R3A-PC8	170 (1170)	195 (1340)
	PR-R3A-PC10	225 (1550)	285 (1960)
18″ (450mm)	PR-R3A-PC8	60 (410)	145 (1000)
	PR-R3A-PC10	165 (1190)	210 (1450)
20″ (500mm)	PR-R3A-PC10	30 (210)	130 (900)

Spring Return

ANSI Class 150

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close	Spring-to-Open	60 (410)
1″ (25mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 (1960)
1.5″ (40mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 (1960)
2″ (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 (1960)
3″ (80mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	200 (1380)
	PR-R1A-SC6-R-60	PR-R1A-SC6-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	250 (1720)
	PR-R2A-SC8-R-60	PR-R2A-SC8-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	125 (860)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	250 (1720)
12″ (300mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	40 (280)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	140 (960)
14″ (350mm)	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	100 (690)

Double-Acting

ANSI Class 300

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
1″ (25mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
1.5″ (40mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
2″ (50mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
2.5″ (65mm)	PR-R1A-PC4*	285 (1960)	285 (1960)
3″ (80mm)	PR-R1A-PC4*	200 (1380)	285 (1960)
	PR-R1A-PC6	285 (1960)	N/R
4″ (100mm)	PR-R1A-PC4*	N/A	100 (690)
	PR-R1A-PC6	285 (1960)	285 (1960)
6″ (150mm)	PR-R2A-PC6	250 (1720)	285 (1960)
	PR-R2A-PC8	285 (1960)	N/R
8″ (200mm)	PR-R2A-PC6	200 (1380)	250 (1720)
	PR-R2A-PC8	285 (1960)	285 (1960)
10″ (250mm)	PR-R2A-PC6	125 (860)	190 (1310)
	PR-R2A-PC8	250 (1720)	285 (1960)
	PR-R3A-PC8	285 (1960)	N/R
12″ (300mm)	PR-R2A-PC6	40 (280)	80 (550)
	PR-R2A-PC8	140 (960)	220 (1520)
	PR-R3A-PC8	285 (1960)	285 (1960)

Spring Return

ANSI Class 300

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)
	Spring-to-Close	Spring-to-Open	60 (410)
1″ (25mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 (1960)
1.5″ (40mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285 (1960)
2″ (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 (1960)
3″ (80mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	200 (1380)
	PR-R1A-SC6-R-60	PR-R1A-SC6-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	250 (1720)
	PR-R2A-SC8-R-60	PR-R2A-SC8-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	125 (860)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	250 (1720)
12″ (300mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	40 (280)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	140 (960)

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

BHP Butterfly Valves

Double-Acting

ANSI 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 (1960)	285 (1960)
6″ (150mm)	PR-R1A-PC4*	10 (70)	50 (340)
	PR-R1A-PC6	285 (1960)	285 (1960)
8″ (200mm)	PR-R1A-PC6	200 (1380)	N/R
	PR-R2A-PC6	285 (1960)	285 (1960)
10″ (250mm)	PR-R2A-PC6	140 (960)	285 (1960)
	PR-R2A-PC8	285 (1960)	N/R
12″ (300mm)	PR-R2A-PC6	75 (520)	220 (1520)
	PR-R2A-PC8	285 (1960)	285 (1960)
14″ (350mm)	PR-R2A-PC6	25 (170)	150 (1030)
	PR-R2A-PC8	285 (1960)	285 (1960)
16″ (400mm)	PR-R2A-PC6	N/A	30 (210)
	PR-R2A-PC8	25 (170)	75 (520)
	PR-R3A-PC8	110 (760)	285 (1960)
	PR-R3A-PC10	285 (1960)	N/R
18″ (450mm)	PR-R3A-PC8	70 (480)	130 (900)
	PR-R3A-PC10	250 (1720)	285 (1960)
20″ (500mm)	PR-R3A-PC8	10 (70)	60 (410)
	PR-R3A-PC10	130 (900)	285 (1960)
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

ANSI 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 (1960)	285 (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)

Double-Acting

ANSI 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 (1960)	285 (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

Valve Size	Actuator Code	Max. Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
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 factory for dimensional drawings.
*For the best positioner performance, size C6 cylinder should be used.
N/A = Not available. Use larger actuator or contact factory.
N/R = Not required. Use next smaller actuator.

BHP Butterfly Valves

Double-Acting

ANSI 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 (5100)	740 (5100)
6″ (150mm)	PR-R1A-PC4*	10 (70)	50 (340)
	PR-R1A-PC6	575 (3960)	740 (5100)
	PR-R2A-PC6	740 (5100)	N/R
8″ (200mm)	PR-R2A-PC6	740 (5100)	740 (5100)
10″ (250mm)	PR-R2A-PC6	140 (960)	740 (5100)
	PR-R2A-PC8	740 (5100)	N/R
12″ (300mm)	PR-R2A-PC6	75 (520)	220 (1520)
	PR-R2A-PC8	350 (2410)	575 (3960)
	PR-R3A-PC8	640 (4410)	740 (5100)
	PR-R3A-PC10	740 (5100)	N/R
14″ (350mm)	PR-R2A-PC6	25 (170)	150 (1030)
	PR-R2A-PC8	285 (1960)	440 (3030)
	PR-R3A-PC8	475 (3270)	740 (5100)
	PR-R3A-PC10	740 (5100)	N/R
16″ (400mm)	PR-R2A-PC6	N/A	30 (210)
	PR-R2A-PC8	25 (170)	75 (520)
	PR-R3A-PC8	110 (760)	680 (4690)
	PR-R3A-PC10	740 (5100)	740 (5100)
18″ (450mm)	PR-R3A-PC8	70 (480)	130 (900)
	PR-R3A-PC10	250 (1720)	670 (4620)
20″ (500mm)	PR-R3A-PC8	10 (70)	60 (410)
	PR-R3A-PC10	130 (900)	350 (2410)
24″ (600mm)	PR-R3A-PC8	N/A	55 (380)
	PR-R3A-PC10	105 (720)	185 (1270)

Double-Acting

ANSI 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 (5100)	740 (5100)
4″ (100mm)	PR-R1A-PC4*	600 (4130)	740 (5100)
	PR-R1A-PC6	740 (5100)	N/R
6″ (150mm)	PR-R1A-PC4*	N/A	50 (340)
	PR-R1A-PC6	375 (2580)	550 (3790)
	PR-R2A-PC6	740 (5100)	740 (5100)
8″ (200mm)	PR-R2A-PC6	675 (4650)	740 (5100)
	PR-R2A-PC8	740 (5100)	N/R
10″ (250mm)	PR-R2A-PC6	50 (340)	130 (900)
	PR-R2A-PC8	230 (1585)	350 (2410)
	PR-R3A-PC8	375 (2580)	490 (3380)
	PR-R3A-PC10	575 (3960)	740 (5100)
12″ (300mm)	PR-R2A-PC6	N/A	50 (340)
	PR-R2A-PC8	50 (340)	275 (1890)
	PR-R3A-PC8	300 (2070)	425 (2890)
	PR-R3A-PC10	525 (3620)	740 (5100)
14″ (350mm)	PR-R2A-PC8	N/A	75 (520)
	PR-R3A-PC8	100 (690)	175 (1210)
	PR-R3A-PC10	240 (1650)	410 (2820)
16″ (400mm)	PR-R2A-PC8	N/A	50 (340)
	PR-R3A-PC8	75 (520)	125 (860)
	PR-R3A-PC10	180 (1240)	300 (2070)
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 (1240)
24″ (600mm)	PR-R3A-PC8	N/A	10 (70)
	PR-R3A-PC10	40 (280)	100 (690)

Double-Acting

ANSI 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 (5100)	740 (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 factory for dimensional drawings.
*For the best positioner performance, size C6 cylinder should be used.
N/A = Not available. Use larger actuator or contact factory.
N/R = Not required. Use next smaller actuator.

BHP Butterfly Valves

Spring Return

ANSI Class 150
PTFE (TT/TI, RT/RI) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)	
	Spring-to-Close	Spring-to-Open	60	(410)
2-5″ (50-125mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	285	(1960)
6″ (150mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	10	(70)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	285	(1960)
8″ (200mm)	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	200	(1380)
	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	285	(1960)
10″ (250mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	140	(960)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285	(1960)
12″ (300mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	75	(520)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	285	(1960)
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)

Spring Return

ANSI Class 300
PTFE (TT/TI, RT/RI) Seats

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)	
	Spring-to-Close	Spring-to-Open	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)

Spring Return

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

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)	
	Spring-to-Close	Spring-to-Open	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

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

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

ANSI Class 150
Metal (S2) Seat

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)	
	Spring-to-Close	Spring-to-Open	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

ANSI Class 300
Metal (S2) Seat

Valve Size	Actuator Code		Max. Shutoff Pressure Differential Air Supply psi (kPa)	
	Spring-to-Close	Spring-to-Open	60	(410)
2-2.5″ (50-65mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	740	(5100)
3″ (80mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	675	(4650)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740	(5100)
4″ (100mm)	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	75	(520)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	740	(5100)
6″ (150mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	700	(4820)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	740	(5100)
8″ (200mm)	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	325	(2240)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	675	(4650)
10″ (250mm)	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 factory for dimensional drawings.
*For the best positioner performance, size C6 cylinder should be used.
N/A = Not available. Use larger actuator or contact factory.
N/R = Not required. Use next smaller actuator.

BOS CL Resilient Seated Butterfly Valves

Double Acting

Wet Service

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		60 (410)	80 (550)
1.5-4" 40-100mm	PR-R1A-PC4*	200 (1380)	200 (1380)
5" 125mm	PR-R1A-PC4*	100 (690)	200 (1380)
	PR-R1A-PC6	200 (1380)	N/R
6" 150mm	PR-R1A-PC4	N/A	50 (340)
	PR-R1A-PC6	200 (1380)	200 (1380)
8-10" 200-250mm	PR-R2A-PC6	200 (1380)	200 (1380)
12" 300mm	PR-R2A-PC6	N/A	100 (690)
	PR-R2A-PC8	200 (1380)	200 (1380)
14" 350mm	PR-R2A-PC6	N/A	50 (340)
	PR-R2A-PC8	150 (1030)	150 (1030)
16" 400mm	PR-R2A-PC8	50 (340)	150 (1030)

Spring Return

Wet Service

Valve Size	Order Code		Maximum Shutoff Pressure Differential Air Supply psi/kPa
	Spring-to-Close	Spring-to-Open	60 (410)
1.5-4" 40-100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	200 (1380)
5" 125mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 (340)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	200 (1380)
6" 150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	200 (1380)
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	200 (1380)
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-SC8-R-60	PR-R2A-SC8-D-60	200 (1380)
14" 350mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	150 (1030)

Double Acting

Dry Service

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi/kPa	
		60 (410)	80 (550)
1.5-3" 40-80mm	PR-R1A-PC4*	50 (340)	50 (340)
4" 100mm	PR-R1A-PC4*	N/A	50 (340)
	PR-R1A-PC6	50 (340)	N/R
5" 125mm	PR-R1A-PC6	50 (340)	50 (340)
6" 150mm	PR-R1A-PC6	N/A	50 (340)
	PR-R2A-PC6	50 (340)	N/R
8" 200mm	PR-R2A-PC6	50 (340)	50 (340)
10" 250mm	PR-R2A-PC6	N/A	50 (340)
	PR-R2A-PC8	50 (340)	N/R
12" 300mm	PR-R2A-PC8	50 (340)	50 (340)
14" 350mm	PR-R2A-PC8	50 (340)	50 (340)
16" 400mm	PR-R2A-PC8	N/A	N/A

Spring Return

Dry Service

Valve Size	Order Code		Maximum Shutoff Pressure Differential Air Supply psi/kPa
	Spring-to-Close	Spring-to-Open	60 (410)
1.5-4" 40-100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 (340)
5" 125mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	50 (340)
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 (340)
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 (340)
10" 250mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 (340)

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

BOS US Resilient Seated Butterfly Valves

Double Acting

Wet Service

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-4" 50-100mm	PR-R1A-PC4*	250 (1720)	250 (1720)
5" 125mm	PR-R1A-PC6	250 (1720)	250 (1720)
6" 150mm	PR-R1A-PC6	150 (1030)	N/A
	PR-R2A-PC6	250 (1720)	250 (1720)
8" 200mm	PR-R2A-PC6	150 (1030)	250 (1720)
	PR-R2A-PC8	250 (1720)	N/R
10" 250mm	PR-R2A-PC8	200 (1380)	250 (1720)
12" 300mm	PR-R2A-PC8	150 (1030)	250 (1720)

Double Acting

Dry Service

Valve Size	Order Code	Maximum Shutoff Pressure Differential Air Supply psi (kPa)	
		60 (410)	80 (550)
2-3" 50-80mm	PR-R1A-PC4*	50 (340)	50 (340)
4" 100mm	PR-R1A-PC4*	N/A	50 (340)
	PR-R1A-PC6	50 (340)	N/R
5" 125mm	PR-R1A-PC6	50 (340)	50 (340)
6" 150mm	PR-R1A-PC6	N/A	50 (340)
	PR-R2A-PC6	50 (340)	N/R
8" 200mm	PR-R2A-PC6	N/A	50 (340)
	PR-R2A-PC8	50 (340)	N/R
10" 250mm	PR-R2A-PC8	N/A	50 (340)

Spring Return

Wet Service

Valve Size	Order Code		Maximum Shutoff Pressure Differential Air Supply psi/kPa
	Spring-to-Close	Spring-to-Open	60 (410)
2-3" 50-80mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	250 (1720)
4" 100mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	150 (1030)
	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	250 (1720)
5-6" 125-150mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	250 (1720)
8" 200mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 (340)
	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	250 (1720)
10" 250mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	100 (690)
12" 300mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 (340)

Spring Return

Dry Service

Valve Size	Order Code		Maximum Shutoff Pressure Differential Air Supply psi/kPa
	Spring-to-Close	Spring-to-Open	60 (410)
2-2.5" 50-65mm	PR-R1A-SC4-R-60*	PR-R1A-SC4-D-60*	50 (340)
3-5" 80-125mm	PR-R1A-SC6-R-60	PR-R1A-SC6-D-60	50 (340)
6" 150mm	PR-R2A-SC6-R-60	PR-R2A-SC6-D-60	50 (340)
8" 200mm	PR-R2A-SC8-R-60	PR-R2A-SC8-D-60	50 (340)

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

.5-3" (15-80mm) Eccentric Plug Valves

Contact DeZURIK for PowerRac Actuator Sizing on .5-3" (15-80mm) Eccentric Plug Valves.

Sales and Service

For information about our worldwide locations, approvals, certifications and local representative:
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DeZURIK, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing by DeZURIK, Inc. Certified drawings are available upon request.

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