

DeZURIK G-SERIES ROTARY CYLINDER ACTUATORS SIZING SHEETS

BHP Butterfly Valves

Double-Acting

ASME Class 150 PTFE (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
18" 450mm	GS-12-PC8	285 1960	285 1960
20" 500mm	GS-12-PC8	175 1200	250 1720
	GS-12-PC10	285 1960	285 1960
24" 600mm	GS-12-PC8	200 1375	285 1960
	GS-12-PC10	285 1960	N/R
28-30" 700-750mm	GS-12-PC8	100 690	100 690
	GS-12-PC10	200 1375	285 1960
36" 900mm	GS-12-PC10	N/A	100 690

ASME Class 150 Dual (TTS2, TIS2, RIS2, RTS2) Seats Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
14" 350mm	GS-12-PC8	285 1960	N/A
16" 400mm	GS-12-PC10	285 1960	N/A
18" 450mm	GS-12-PC8	N/A	285 1960
20" 500mm	GS-12-PC10	N/A	285 1960

ASME Class 300 PTFE (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
18" 450mm	GS-12-PC8	N/A	740 5090
	GS-12-PC10	740 5090	N/R
20" 500mm	GS-12-PC10	N/A	740 5090
24" 600mm	GS-12-PC10	N/A	740 5090

ASME Class 300 Dual (TTS2, TIS2, RIS2, RTS2) Seats Metal (S2) Seats

Valve Size	Order Code	Maximum Shutoff Pressure Differential	
		Air Supply psi/kPa	
		60 psi 410 kPa	80 psi 550 kPa
10" 250mm	GS-12-PC10	740 5100	N/A
12" 300mm	GS-12-PC10	740 5100	N/A
14" 350mm	GS-12-PC10	N/A	740 5100
16" 400mm	GS-12-PC10	N/A	740 5100

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

BAW AWWA Butterfly Valves

Double-Acting Pneumatic

Class 150B & 250B
50 psi (340 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential
		Air Supply psi/kPa
		50 psi 340 kPa
18" 450mm	GS-12-PC10	250 1720
20" 500mm	GS-12-PC10	250 1720
24" 600mm	GS-12-PC8	25 170
	GS-12-PC10	75 520
28-30" 700-750mm	GS-12-PC10	25 170

Class 150B & 250B
80 psi (550 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential
		Air Supply psi/kPa
		80 psi 550 kPa
18" 450mm	GS-12-PC8	250 1720
20" 500mm	GS-12-PC8	250 1720
24" 600mm	GS-12-PC8	75 520
	GS-12-PC10	200 1380
28-30" 700-750mm	GS-12-PC8	25 170
	GS-12-PC10	75 520

Double-Acting Hydraulic

Class 150B & 250B
50 psi (340 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential
		Air Supply psi/kPa
		50 psi 340 kPa
18" 450mm	GS-12-HC10	250 1720
20" 500mm	GS-12-HC10	250 1720
24" 600mm	GS-12-HC8	25 170
	GS-12-HC10	75 520
28-30" 700-750mm	GS-12-HC10	25 170

Class 150B & 250B
80 psi (550 kPa) Air Supply

Valve Size	Order Code	Maximum Shutoff Pressure Differential
		Air Supply psi/kPa
		80 psi 550 kPa
18" 450mm	GS-12-HC8	250 1720
20" 500mm	GS-12-HC8	250 1720
24" 600mm	GS-12-HC8	75 520
	GS-12-HC10	200 1380
28-30" 700-750mm	GS-12-HC8	25 170
	GS-12-PC10	75 520

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

PEC Eccentric Plug Valves

Double-Acting

50 psi (340 kPa) Air Supply

80 psi (550 kPa) Air Supply

Spring-Return

50 psi (340 kPa) Air Supply

See Bulletin 12.00-1D For Sizing

PEF 100% Port Eccentric Plug Valves

Double-Acting

50 psi (340 kPa) Air Supply

80 psi (550 kPa) Air Supply

Spring-Return

50 psi (340 kPa) Air Supply

See Bulletin 12.60-1B For Sizing

PTW/PFW 3-Way & 4-Way Plug Valves

Double-Acting

50 - 100 psi (340 - 690 kPa) Air Supply

See Bulletin 20.00-1 For Sizing

Sales and Service

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

Web Site: DeZURIK.com **E-Mail:** info@DeZURIK.com



250 Riverside Ave. N. Sartell, Minnesota 56377 • Phone: 320-259-2000 • Fax: 320-259-2227

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.