

SD Automatic Blast Gate 3242

TECHNICAL DATA

ID In.	"A" In.	"B" In.	"C" In.	"D" In.	"E" In.	Galvanized Steel			
						22ga	20ga	18ga	16ga
3	8.11	4.25	5.25	6.30	8.50	Std for Collar		Optional for Collar	
4	10.31	5.30	5.50	7.81	8.50				
5	12.80	6.00	5.75	9.88	9.50				
6	14.47	7.12	5.75	11.28	11.50				
7	16.25	8.00	5.38	12.44	11.50				
8	18.75	9.30	5.50	14.38	13.50				
9	20.63	10.63	5.50	15.88	13.50				
10	22.63	11.65	5.50	17.25	13.50				
12	30.00	16.00	5.25	23.25	n/a				
14	33.04	18.38	5.25	25.29	n/a				
16	38.52	20.38	11.25	29.65	n/a		Std for Collar	Optional for Collar	
18	46.69	22.38	11.25	37.04	n/a				
20	48.69	24.38	11.25	38.04	n/a				
22	50.69	26.38	11.25	39.04	n/a				
24	55.50	31.25	11.25	42.40	n/a				

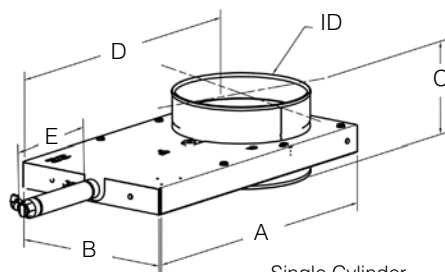
Construction / operation

Operated by single acting compressed air magnetic cylinders. Cylinders are controlled by electrically-connected solenoid to machines or remote switch.

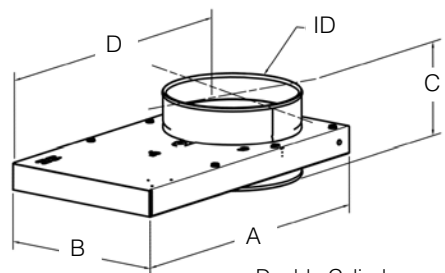
Standard hookup is 120 volt AC
Optional (must be stated on PO):
- 24 volt AC or
- 24 volt DC

- Not available in Stainless Steel

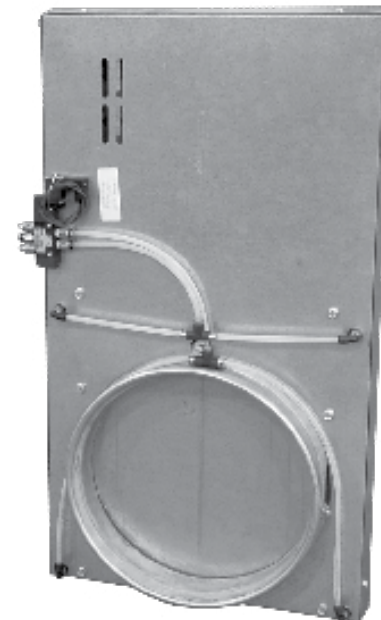
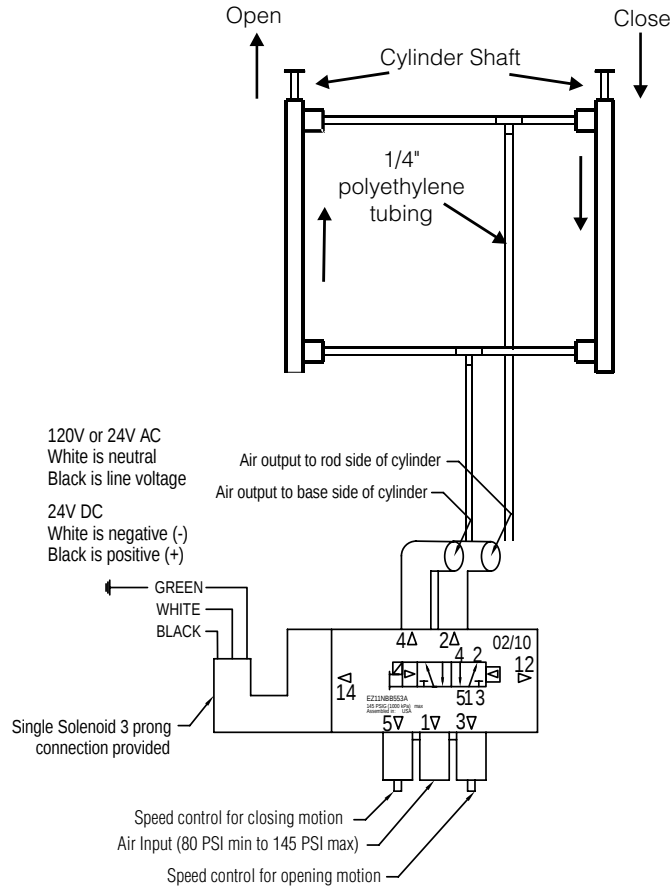
Ends: Standard QF end can be changed to Raw ID (RAWID), Raw OD (RAWOD), No Fitting (NF), Hose Adapter (RAW-FLEX), Flat Flange (FFL), Angle Flange (ANGFL), or Van Stone (VANSTONE).



Single Cylinder
3" to 10"



Double Cylinder
12" to 24"



Double Cylinder
shown

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TECHNICAL DATA

Temperature Rating of Product Components				Compliance / Rating of Product Components		
° F	Solenoid	Poly tube	Seal	Sealant	Product	Material
194°					SD Automatic Blast Gate	Galvanized steel
140°					3M Sealant 560	Polyurethane Adhesive
120°	Solenoid is on outside of housing and may handle higher temperatures, depending on location	Poly tube is on outside of housing and may handle higher temperatures, depending on location	UHMW	3M Polyurethane Adhesive Sealant 560	ASTM A527 with a G-90 rating	
-14°					ASTM E 162, ASTM E 662, Bombardier SP 800-C	

Additional Product Components and Notes					
Poly tube	0.25" OD x 0.04 wall poly tube, 120 PSI, Grade E5 LIP, Type 1				
Magnetic Cylinder	Gate Size	Replacement Part No.	Stroke	No. of Cylinders	Bore
	3"	3245-0000-CY030M	1.06 x 3.00	1	1.0625"
	4"	3245-0000-CY040M	1.06 x 4.00		
	5"	3245-0000-CY050M	1.06 x 5.00		
	6"	3245-0000-CY060M	1.06 x 6.00		
	7"	3245-0000-CY070M	1.06 x 7.00		
	8"	3245-0000-CY080M	1.06 x 8.00		
	9"	3245-0000-CY090M	1.06 x 9.00		
	10"	3245-0000-CY100M	1.06 x 10.00		
	12"	3245-0000-CY125M	1.06 x 12.00	2	
	14"	3245-0000-CY140M	1.06 x 14.00		
	16"	3245-0000-CY160M	1.06 x 16.00		
	18"	3245-0000-CY180M	1.06 x 18.00		
	20"	3203-0000-CY060M	1.06 x 20.00		
	22"	3203-0000-CY080M	1.06 x 22.00		
24"	3203-0000-CY100M	1.06 x 24.00			
Crimped round body 304SS tube only. End caps aluminum (non-repairable).					
• Ports 0.125" NPT standard					
• Piston rod diameter 0.312", material 304SS only					
• Single acting end					
• Standard fluid: filtered air					
• Operating medium: pneumatic, 250 PSI max. (normal operating pressure 80 PSI min.)					

Additional Product Components and Notes		
Solenoid	Replacement Part No.	Description
	3245-SOLE-KIT001	Single Solenoid, 2 Position, 110VAC, 2.5 watts, 1/8" NPT; IP65 Rated, RoHS, CE
	3245-SOLE-KIT002	Single Solenoid, 2 Position, 24VDC, 2.5 watts, 1/8" NPT; IP65 Rated, RoHS, CE
	3245-SOLE-KIT003	Single Solenoid, 2 Position, 24VAC, 2.5 watts, 1/8" NPT; IP65 Rated, RoHS, CE
Coil	Replacement Part No.	Description
	3245-COIL-024DCC	24VDC
	3245-COIL-024ACC	24VAC
	3245-COIL-024ACC	12VDC
	3245-COIL-024ACC	240VAX
	3245-COIL-024ACC	110VAC
Optional - Reed Switch Assembly	Replacement Part No.	Description
	3245-0000-RSW1.06	Assembly includes D-B54 switch and 1.06" band