NORDFAB Ducting

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				Optional for Collar
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	n/a	Std for Collar		
16	38.52	20.38	11.25	29.65	n/a				
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	31.2s8	11.25	42.40	n/a				

Construction / operation

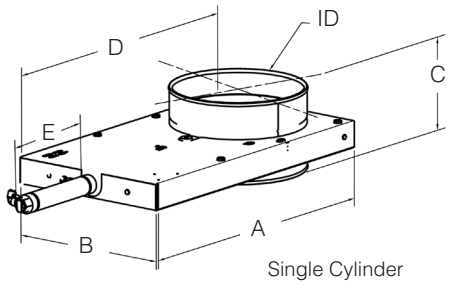
Operated by single acting compressed air magnetic cylinders. Cylinders are controlled by electrically-connected solenoid to machines or remote switch.

Standard hookup is 120 volt AC

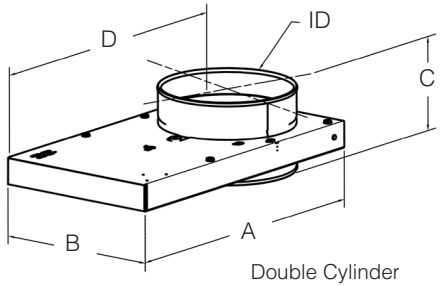
Optional (must be stated on PO):
- 24 volt AC or
- 24 volt DC

• Not available in Stainless Steel

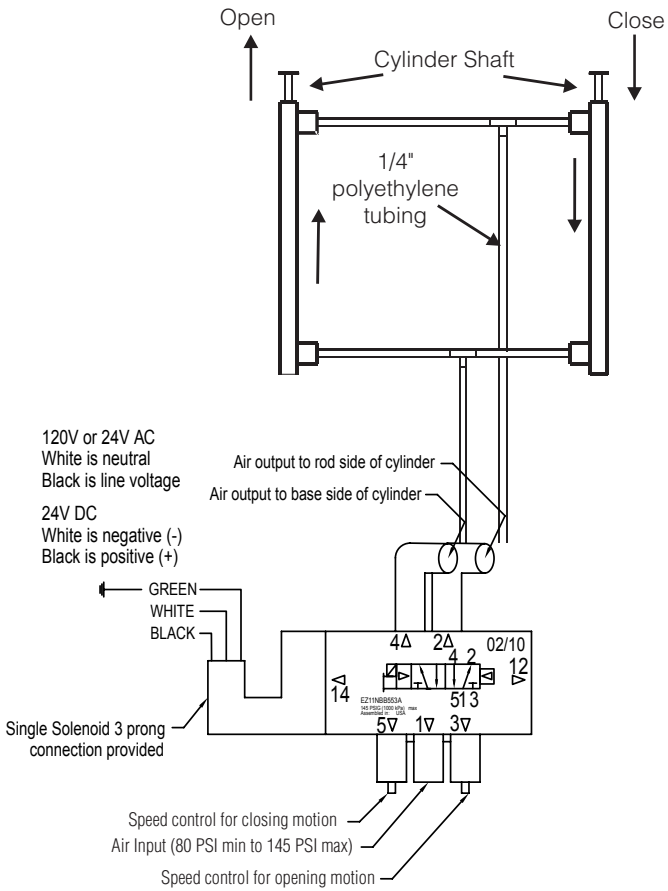
Ends: Standard QF end can be changed to Raw ID (RAWID), Raw OD (RAWOD), No Fitting (NF), Hose Adapter (RAW-FLEX), Flat Flange (FFL), Angle Flange (ANGFL), or Van Stone (VANSTONE).

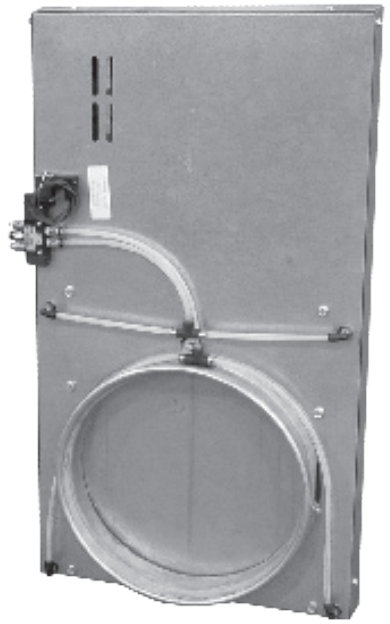


Single Cylinder
3" to 10"



Double Cylinder
12" to 24"





Double Cylinder
shown

SD Automatic Blast Gate 3242

TECHNICAL DATA

Temperature Rating of Product Components

° F	Solenoid	Poly tube	Seal	Sealant
194°				
140°		Poly tube is on outside of housing and may handle higher temperatures, depending on location	UHMW	3M Polyurethane Adhesive Sealant 560
120°	Solenoid is on outside of housing and may handle higher temperatures, depending on location			
-14°				

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
SD Automatic Blast Gate	Galvanized steel	ASTM A653 with a G-90 rating
3M Sealant 560	Polyurethane Adhesive	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

MANAGEMENT SYSTEM CERTIFICATION
DNV·GL
ISO 9001 = ISO 14001

06/05/17