

Martin® 100L Passport Air Cannon

Martin® 100L Passport Air Cannons supply a powerful discharge of plant compressed air to dislodge material buildups and enhance the flow of bulk solids.

Features a valve concept that provides more force, uses less air, and simplifies installation and maintenance in challenging applications.

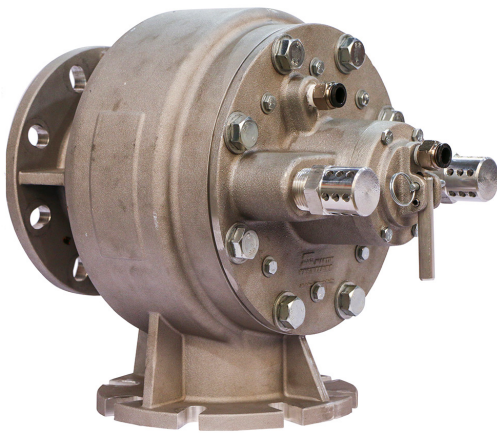
Martin® 100L Passport Air Cannons are designed for severe-duty applications where exposure to elevated service temperatures and harsh gases can affect performance. They have proven successful in applications outside cement kiln pre-heaters where the interior temperature exceeds 2000° F (1093°C).

BENEFITS

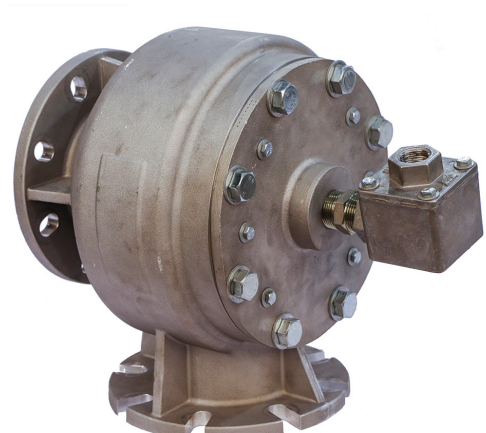
- **More Force Output**
High-velocity discharge of stored air enhances material movement.
- **Minimum Maintenance**
One-step maintenance holds down maintenance costs. Simply remove eight bolts to replace the complete valve assembly.
- **Simple Operation**
Single air line for fill and fire control for the Negative Firing Valve.
A positive surge of air sent from the solenoid valve to the control line will fire the Positive Firing Valve.



Model	P/N
Martin® 100L Passport Air Cannon with Negative Firing Valve	A1S1001US
Martin® 100L Passport Air Cannon with Positive Firing Valve	A1S1002US



P/N A20004
Positive Pressure Firing Valve

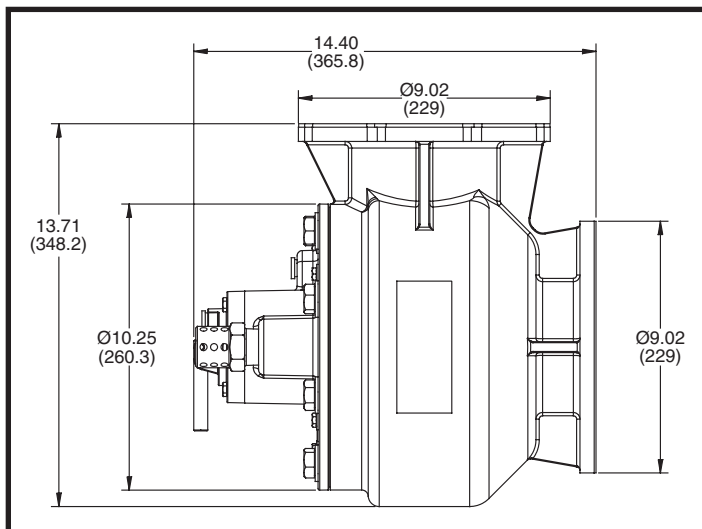
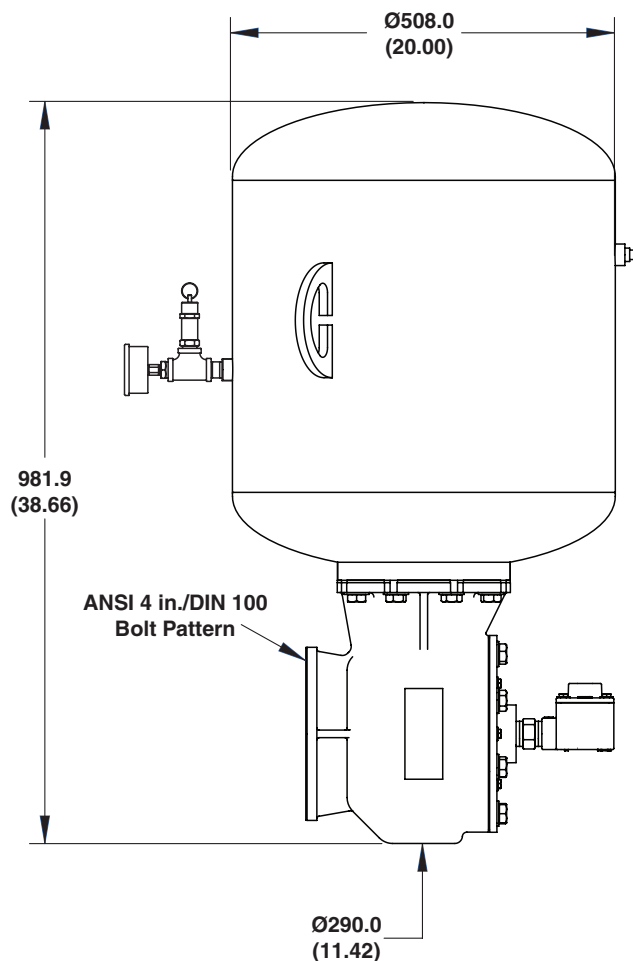


P/N A20003
Negative Pressure Firing Valve

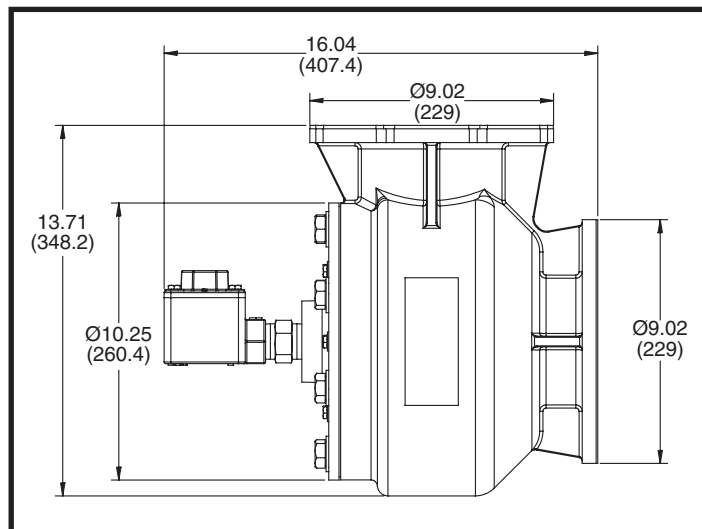
TECHNICAL DATA SHEET

AIR VOLUME IN CUBIC FEET FREE AIR (LITERS)

Air Pressure PSI	(Bar)	Air Volume cu/ft	L
0	(0)	3.36	(100)
40	(2.8)	8.58	(263)
50	(3.4)	10.73	(329)
60	(4.1)	12.93	(396)
70	(4.8)	15.08	(462)
75	(5.2)	16.16	(496)
80	(5.5)	17.34	(531)
85	(5.9)	18.42	(565)
90	(6.2)	19.48	(597)
95	(6.5)	20.56	(630)
100	(6.9)	21.65	(663)
110	(7.6)	22.73	(697)
120	(8.3)	25.97	(796)



P/N A20004
Positive Pressure Firing Valve



P/N A20003
Negative Pressure Firing Valve



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**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001**

Problem Solved™ GUARANTEED!

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