

# MARTIN® Air Cannon Thermo Safety Shield



*Shown with optional flanges and lock.*

Air Cannons are necessary equipment for high-temperature operations such as lime kilns, cement plant preheater towers, and clinker coolers.

The MARTIN® Air Cannon Thermo Safety Shield allows timely and safe maintenance of air cannon systems.

It protects employees from exposure to severe temperatures so that maintenance can take place safely and productions stays on schedule.

*Allows Air Cannon Systems to Receive Safe and Timely Maintenance.*

*Protects Employees from Severe Temperatures.*

*Encourages Lock Out/Tag Out.*

*Simple to Operate.*

*Simple To Install.*

*Fits Any Make of Air Cannon.*

## ABC's of Efficiency for High-Temperature Processes

- A. Production **MUST** Go On.
- B. Air Cannon **MUST** Work or Personnel Must Fix.
- C. Personnel **MUST** be Protected When Performing Maintenance.

Therefore:

**MARTIN® Air Cannon Thermo Safety Shield MUST be installed.**



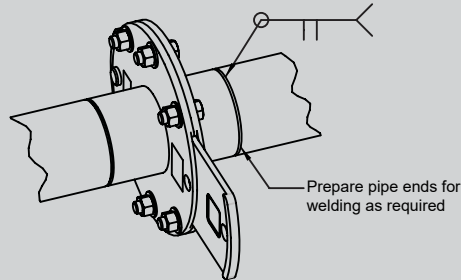
## MARTIN® Air Cannon Thermo Safety Shield

### Simple To Install

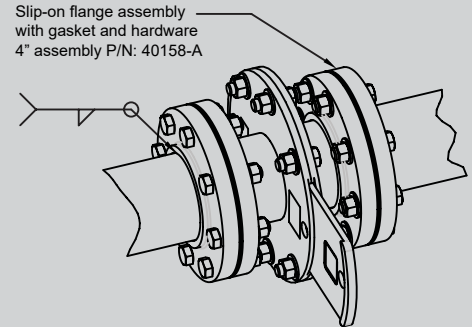
(Install when cannon system and process equipment are inoperative).

MARTIN® Air Cannon Thermo Safety Shield with Plain Ends  
(4" Assembly P/N: 38189-4PE+E)

Butt weld-Type joint view

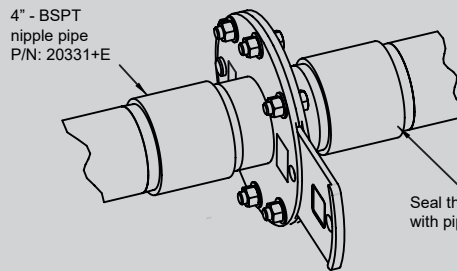


Weld flange-type joint view

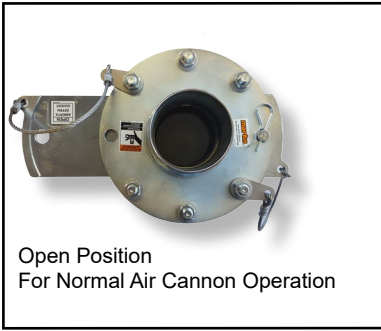
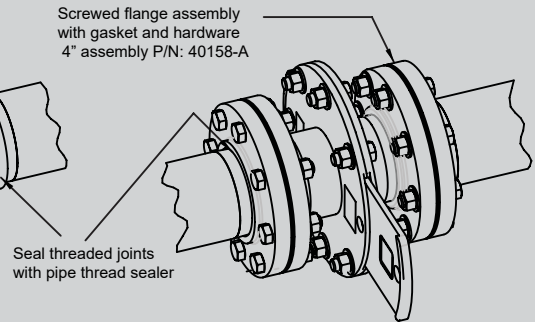


MARTIN® Air Cannon Thermo Safety Shield with Threaded Ends  
(4" Assembly P/N: 38189-4E+E)

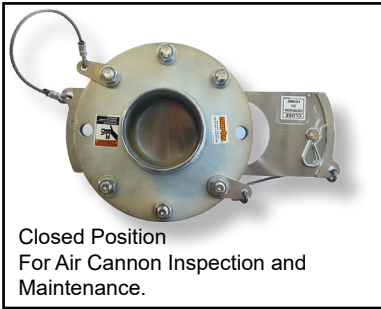
Screwed coupling-type joint view



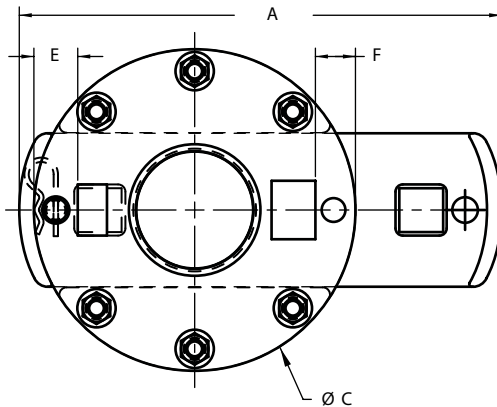
Screwed flange-type joint view



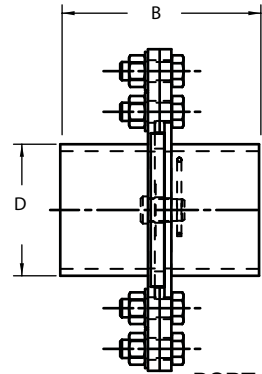
Open Position  
For Normal Air Cannon Operation



Closed Position  
For Air Cannon Inspection and Maintenance.



Dimensions



BSPT-Pipe thread according to DIN 2999

P/N	Flange	A mm	B mm	ØC mm	D
38189-4E+E	4" - BSPT	419	257	279	4" - BSPT
38189-4PE+E	4" - plain end	419	173	279	114



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Subject to change without prior notice.  
Quality Management System Certified by DNV - ISO 9001

