

Air Intake Shut-off Valve

Model 4260E

Overview

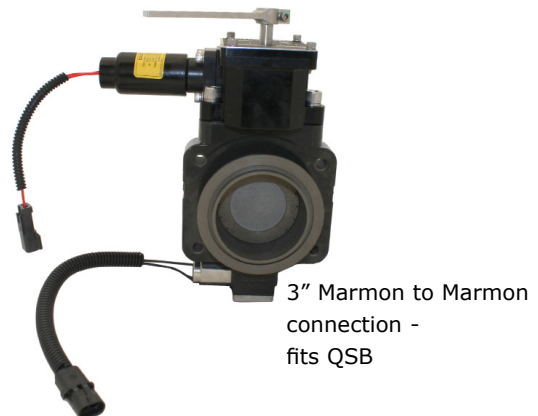
Operating a diesel engine in an area where a hydrocarbon release may occur is highly dangerous. Once the engine begins running on the external fuel source, turning off the ignition will not work. The engine will overspeed, leading to mechanical failure or explosion. The 4260 Air Intake Shut-off Valves effectively shuts down a runaway diesel engine by closing off engine intake air.

Key features and benefits

- Corrosion resistant, anodized aluminum and stainless steel construction
- IP 67 Rated Solenoid – better passing seal immersion testing
- Integrated Proximity Switch for operator alert
- T-Handle option for ease of reset
- Confirmed airflow testing
- No leak across disc
- Electric Actuation: 12 VDC, 24 VDC
- Low power requirement
- Hose and Marmon Flange options available

Typical Applications

Diesel Engines, Offshore Production Engines, Drilling Industry, Fire Trucks, Hazardous Material Vehicles, Ambulances, Marine Engines, Bulk Fuel Haulers (Tankers), Power Generation (Gen Sets), Well Service Vehicles, Mining Equipment, Locomotives, Aircraft Mobile Support Equipment, Fuel Transfer Pumps, Fire Pumps and any other diesel engine application in the well servicing, refinery, or mining industry where hydrocarbon release is a risk.

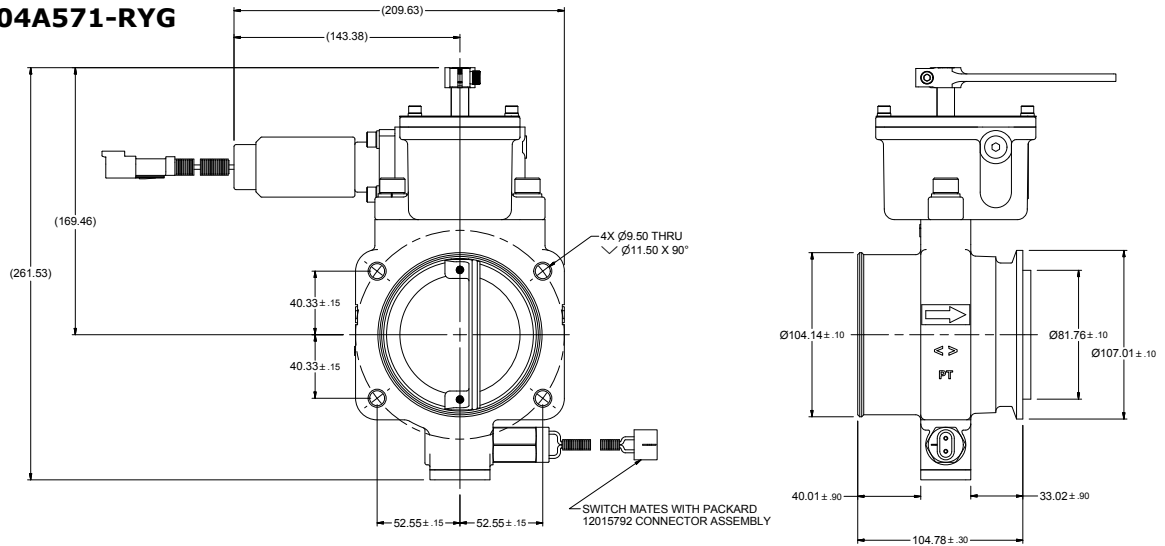


Air Intake Shut-off Valve

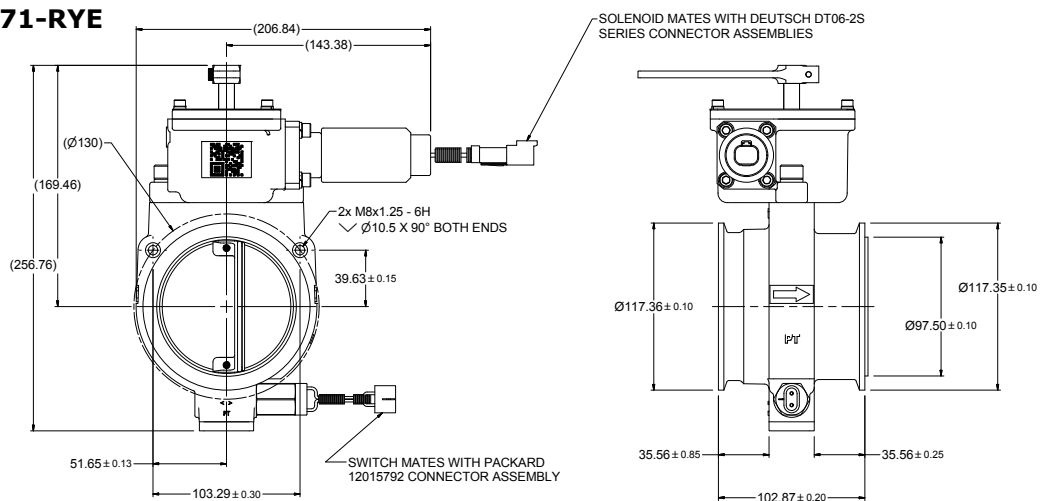
Model 4260E

Dimensions

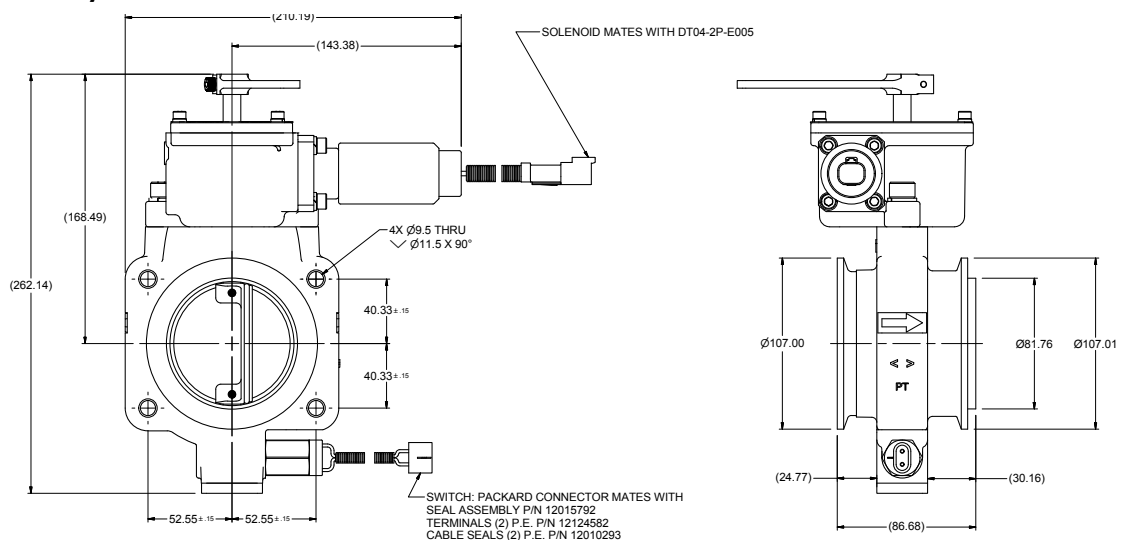
4260E04A571-RYG



4260E04A571-RYE



4260E03571/572-RYF



Air Intake Shut-off Valve

Model 4260E

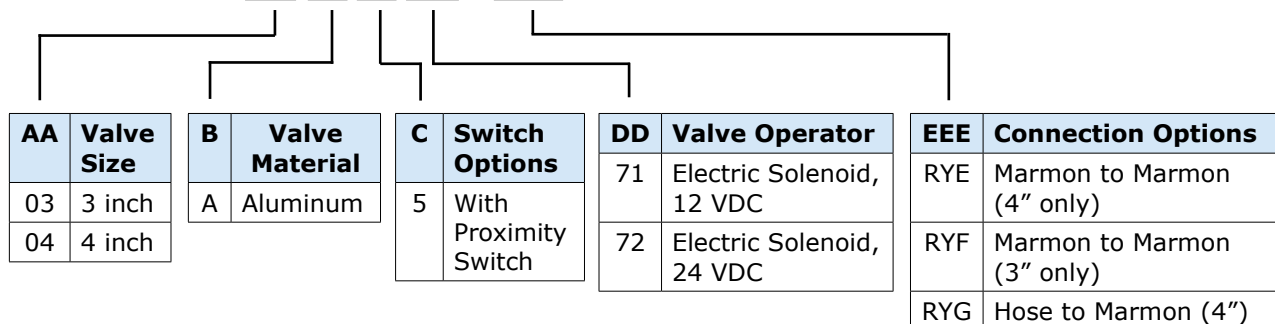
Specifications

Standard materials	Valve body and disc	Hard anodized aluminum	
	Valve shafts	Stainless steel	
	Seals	Viton	
	Safety control operator	Aluminum	
Maximum intake air temperature	125°C	257°F	
Valve Size	3" valve size	76 mm	(3") bore size
	4" valve size	92 mm	(3.6") bore size
Net weight	3" valve size	2.6 kg	(5.7 lbs)
	4" valve size	2.4 kg	(5.3 lbs)
Disc Seal	Leakage Class III (0.1% of rated capacity)		
Max Flow Rate	88 lb/min		
Max Charge Air Pressure	2.8 bar	40 psi	
Certifications	Ingress protection IP67		
Solenoid	12V	Voltage	10.5 to 14.8 VDC
		Resistance	1.21 - 1.48 OHMS @ 25°C
		Duty Cycle @ 125°C	75s max on - 540s min off
	24V	Voltage	21.1 to 29.6 VDC
		Resistance	4.8 - 5.9 OHMS @ 25°C
		Duty Cycle @ 150°C	75s max on 540s min off
Switch	5 Amp resistive load max		
	Switch is open when valve is open		
	Switch is closed when valve is closed		

How to order

Use the tables below to select the unique specification of your Model 4260 Intake Air Shut-off Valve:

Example: **4260E** **AA** **B** **C** **DD** - **EEE**



Note: AMOT does not qualify the valve for specific applications. Consult the engine and valve specifications.

Air Intake Shut-off Valve

Model 4260E

Accessories

A range of accessories including Speed Switches, Installation Kits, Activation Kits and Wiring Harness Kits can be purchased with your 4260 valve. See System Selection Guide (DS-System-Selection-Guide-0712)

Americas

AMOT - USA
Tel +1 (281) 940 1800
Fax +1 (713) 559 9419
sales@amotcom

Roda Deaco - Canada
Tel +1 (780) 465 4429
Fax +1 (780) 469 6275
info@rodadeaco.com

Asia Pacific

AMOT - China
Tel +86 21 6279 7700
Fax +86 21 5237 8560
shanghai@amot.com

AMOT - Singapore
Tel +65 6408 6265
Fax +65 6293 3307
singapore@amot.com

Europe, Middle East and Africa

AMOT - England
Tel +44 (0) 1284 762222
Fax +44 (0) 1284 760256
info@amot.com

AMOT - Germany
Tel +49 (0) 40 8537 1298
Fax +49 (0) 40 8537 1331
germany@amot.com

www.dieselsafety.com

