

RCAC25T4 Series Pulse Jet Valves

Description

High performance diaphragm valve with threaded ports. Equipped with "Shockwave" springless diaphragm, the 4 series valves are available as remote pilot valves and may be converted to integral pilot using a screw in PV pilot. Outlet is at 90° to inlet.

Suitable for

Dust collector applications, in particular for reverse pulse jet filter cleaning and its variations including bag filters, cartridge filters and envelope filters.

Construction

Body and Dresser Nuts: Aluminium (diecast)
Screws: 302 Stainless Steel
Dresser Nut Seals: Nitrile or Viton
Diaphragm: Proprietary high performance engineering thermoplastic Elastomer

Operation

Recommended on time range: 50-500ms
Recommended time between pulses: 1 minute or greater

Maintenance

Diaphragm and pilot unit inspection should be conducted annually.

Approvals

The RCAC25T4 meets the requirements of the European Electromagnetic Compatibility (EMC). Directive 2004/108/EC and Low Voltage Directive 2006/95/EC, when fitted with the PV pilot.

Please Note: Pipes must be to Schedule 40 outside diameter.

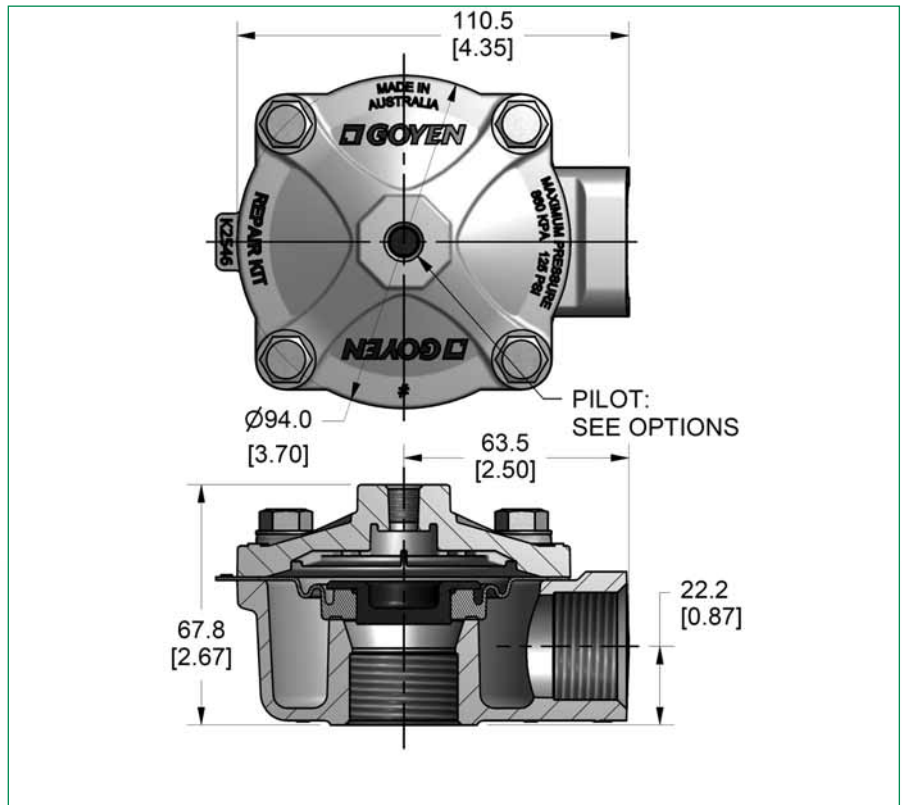
Schedule 40 Size	OD mm	OD Inches
1"	33.4	1.315

Weights

Valve	Kg (lbs)
RCAC25T4	0.56 (1.23)

Dimensions

(Dimensions in mm and [inches])



Maintenance Kits

Model	Nitrile	Shockwave	Viton
Diaphragm Kit RCAC25T4	NA	K2546	K2551

Product Characteristics and Performance

Port Size mm (in)	No. of Diaph.	Flow Kv (Cv)	Pressure Range kPa(Psi)	Temperature Range °C (°F)	
				Shockwave	Viton Seals
25 (1)	1	22.5 (26.0)	30(5) – 860(125)	-40(-40) – 82(179.6)	-29(-20.2) – 232(449.6)

Order Code

RCAC 25T4	Diaphragm material	1=Viton 2=Shockwave
	Thread type	0=NPT, 1=RC, 2=G
	Pilot size	0=1/8", 1=1/4"

Examples: RCAC25T4012

1" threaded port valve with 1/8" pilot, 1" RC port threads, Shockwave diaphragm.

Note:

1/8 Pilot available in NPT & RC Thread

1/4 Pilot is only available in G Thread



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