



 GOYEN

DRESSER NUT VALVES

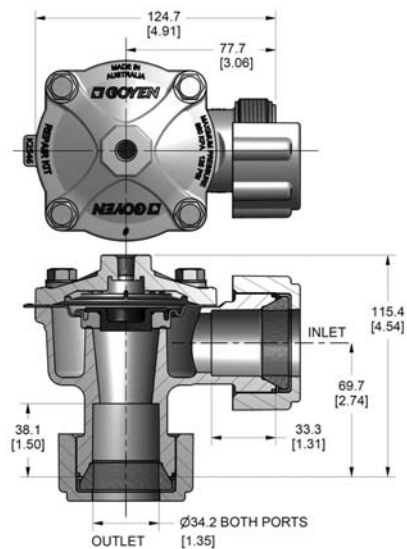
GOYEN RCAC25DD4

REVERSE PULSE JET VALVES



DIMENSIONS

(Dimensions in mm and [inches])



DESCRIPTION

High-performance diaphragm valve with dresser nut ports. Equipped with 'Shockwave' springless diaphragm. The 4 series valves are available as remote pilot valves and may be converted to integral pilot using either the RCA3DM or RCA3PV screw-in pilots. 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, ceramic filters and sintered metal fibre filters.

CONSTRUCTION

Body and Dresser Nuts: Aluminium (diecast)

Screws: 304 Stainless steel

Dresser Nut Seals: Nitrile or Viton

Diaphragm: High-performance engineering thermoplastic Elastomer or Viton

OPERATION

Recommended on-time range: 50 to 500 ms

Recommended time between pulses: 1 minute or greater

Please Note: We recommend using Schedule 40 pipe. Thickness OD is as shown below.

SIZE	OD mm	OD inches
1"	33.4	1.315

WEIGHTS

VALVE	kg (lb)
RCAC25DD4	0.96 (2.12)

MAINTENANCE KITS

MODEL	SHOCKWAVE	VITON
Diaphragm Kit		
RCAC25DD4	K2546	K2551
Dresser Seal Kit		
RCA25DD	K2508	K2507

PRODUCT CHARACTERISTICS AND PERFORMANCE

NOMINAL PORT SIZE mm (in.)	NO. OF DIAPH.	FLOW KV (CV)	PRESSURE RANGE kPa (psi)	TEMPERATURE RANGE °C (°F)	
				SHOCKWAVE	VITON
25 (1)	1	22.5 (26.0)	30(5) to 860(125)	-40(-40) to 82(179.6)	-29(-20.2) to 232(449.6)

Examples:

RCAC25DD4012

1" dresser nut valve with 1/8" RC pilot threads, Shockwave diaphragm.

Note:

1/8" Pilot available in NPT, RC and G Thread.

1/4" Pilot is only available in G Thread.

ORDER CODE

RCAC25DD4 0 1 2

Pilot size

0=1/8"
1=1/4"

Diaphragm material

1=Viton
2=Shockwave

Thread type

0=NPT
1=RC
2=G