

# DUST COLLECTION SOLUTIONS

## MAC PULSE VALVE 09

- High flow: 100.000 NI/min - 100 Cv
- Pulse time frequency optimization - Enhanced bag life
- Improved filter cleaning per pulse
- Drop-in mounting: Adapter plates available without disturbing existing piping
- Balanced spool & pilot design: Unaffected by pressure variations
- Long life: Spool technology
- Very fast & repeatable response times
- Energy savings - Less consumption of air
- Optimized for reliable performances in harsh environment conditions
- Bonded Spool technology – Wiping action – Self-cleaning bore



### Traditional Diaphragm Design

Vs.

### MAC Spool Design



Cracking ⇒ Reduced efficiency and lifetime  
Leaking ⇒ Wasted Air

Ruptured Diaphragms ⇒ Short Lifetime

Constant Maintenance Required ⇒ High Cost of Ownership

No Ruptured Diaphragms ⇒ Less Wasted Air

Rubber Bonded Spool ⇒ Longer Life

Wiping Action ⇒ Self Cleaning

Balanced Design ⇒ Repeatable Purges

Viton Rubber ⇒ Harsh Environments

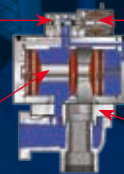
## Industry Specific Features

- ✓ Wide range of seals (nitrile, Viton<sup>®</sup> and proprietary compounds)
- ✓ Identical repair kit for NC/NO valves
- ✓ Direct mounted solenoid (AC or DC voltages) or remote purge options available

## Design Features

D-Seal Technology  
Isolates Solenoid  
- Longer Life -

Dynamic Bonded  
Rubber Spool  
- Balanced -  
- Wiping Action -



Lifting Solenoid  
- Consistent  
Response -

Adapter Plate  
- Drop-in Replacement  
to Existing Manifold-

MAC Valves – Highly engineered solutions for the highest performing applications since 1948

### FEATURES

<b>Flow:</b>	100.000 NI/min 100 Cv
<b>Temp. Range Nitrile:</b>	-18°C to +60°C 0°F to 140°F
<b>Temp. Range Viton:</b>	-29°C to +110°C -20°F to +230°F
<b>Pressure Range:</b>	2,07 to 8,27 bar 30 to 120 PSI

### BASE ADAPTERS

BASE ADAPTERS REFERENCES*	DESCRIPTION
ME-PV012	Goyen 2" ½
ME-PV013	Turbo 2"
ME-PV014	Mecair 2"

\*For Europe, Middle East, Russia and India

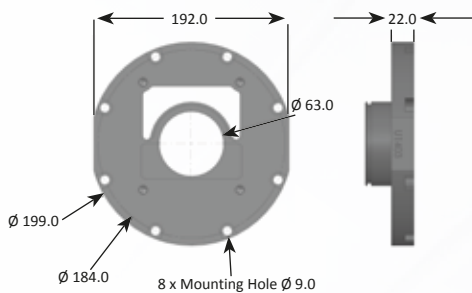
Note: Additional configurations available upon request.

### DIMENSIONS

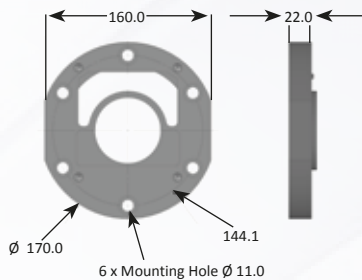
All dimensions are in mm

#### BASE ADAPTERS

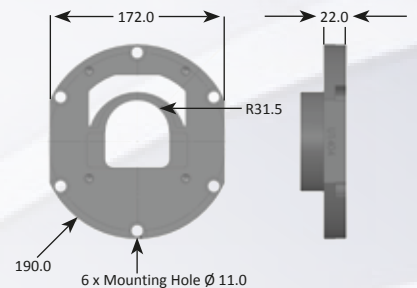
ME-PV012



ME-PV013



ME-PV014



#### MAC PV09 VALVE AND BASE

PV09 on ME-PV012 adapter for illustration purposes

MAC Valves base for PV09 - Dimensions:

