



Protects against back-flow of fluids

SIGMAMOTOR Check Valves provide reliable protection against back-flow of fluids in a chemical feed system. Check Valves are available in a wide variety of materials and sizes.

The integral spring loaded check valve prevents back-flow from the pressurized pipe if there is a break in the discharge piping.

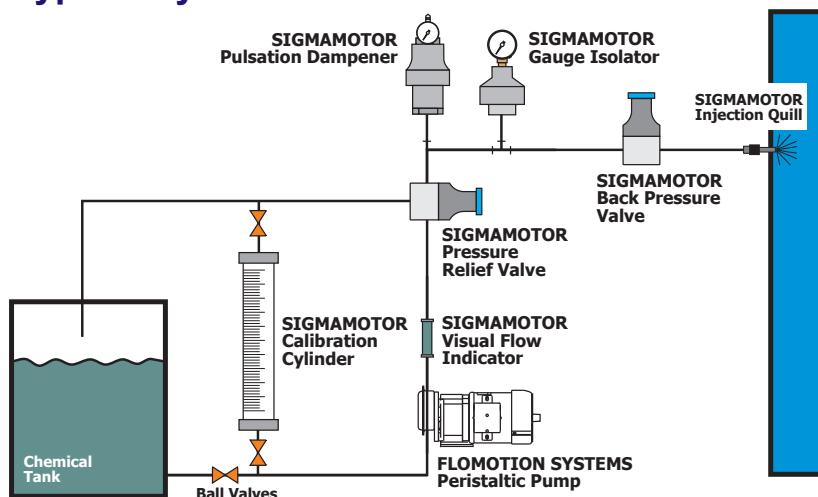
A union connection on the inlet allows for ease of installation and maintenance of the replaceable ball and o-ring.



Features

- CNC precision machined parts
- Disassembles for service
- Body Material - PVC, CPVC, Polypropylene, Kynar® PVDF, PTFE, 316SS, A20, Hastelloy C276
- O-Ring Material - Viton or EPDM

Typical System



SIGMAMOTOR CHECK VALVES

NSF-61 Approved Materials

CV: - - - -
 1 2 3 4 5

Example: CV-N-500-P-V-M

| INLET CONNECTION TYPE 1 | |
|--------------------------------|---|
| NPT | N |
| SOCKET | S |

| SIZE 2 | | | |
|----------------------------------|------|------|-----|
| SELECT: | 500 | 750 | 100 |
| SIZE (in) | 1/2 | 3/4 | 1 |
| A-Process Connection - MNPT (in) | 1/2 | 3/4 | 1 |
| B-Inlet - FNPT (in) | 1/2 | 3/4 | 1 |
| C-Length (in) | 4.25 | 4.25 | 5.0 |

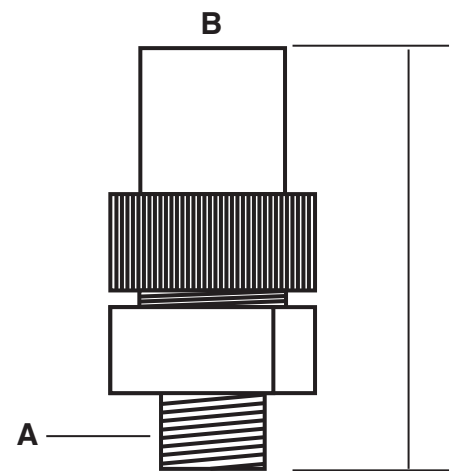
| VALVE MATERIAL with PTFE and HC spring 3 | |
|---|----|
| PVC | P |
| POLYPROPYLENE | PP |
| CPVC | CP |
| PTFE | T |
| Kynar® PVDF | K |
| 316 SS | S |
| ALLOY 20 | A |
| HASTELLOY C276 | H |

| O-RING MATERIAL 4 | |
|--------------------------|---|
| VITON | V |
| EPDM | E |

| Material: | PVC | CPVC | PP | PVDF | METAL |
|----------------------|---------|---------|---------|---------|---------|
| Maximum Pressure: | 150 psi | 150 psi | 150 psi | 150 psi | 350 psi |
| Maximum Temperature: | 140 °F | 195 °F | 195 °F | 300 °F | 300 °F |

| OPTIONS 5 | |
|------------------|---|
| FNPT (Standard) | |
| INLET MALE NPT | M |
| 316 SS | S |

DIMENSIONS



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