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.

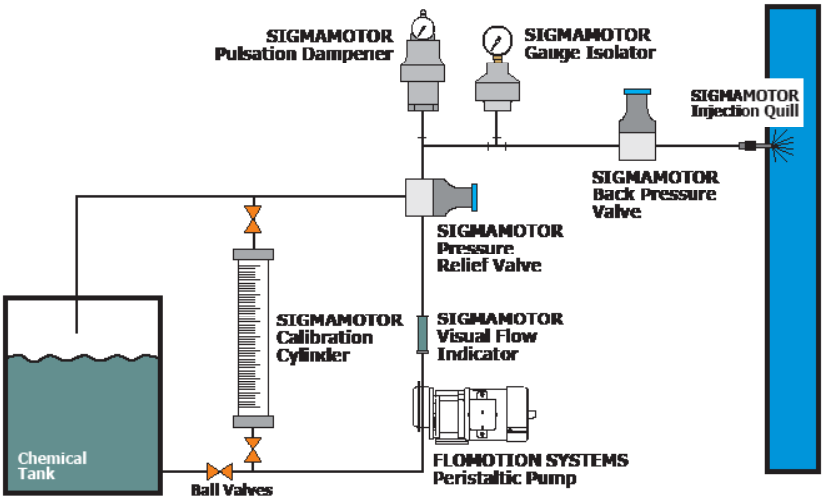
A union connection on the inlet allows for ease of installation and maintenance of the replaceable ball and o-ring.



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

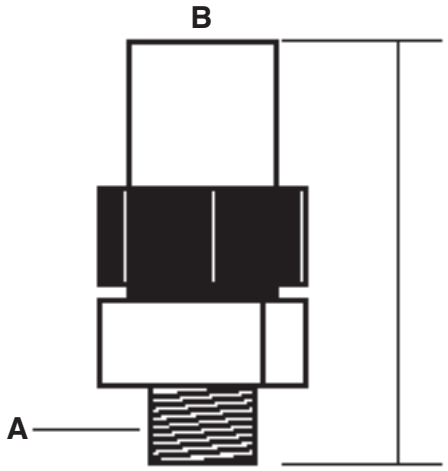
SIZE			2
SELECT:	500	750	100
SIZE (in)	1/2	3/4	1
A-Process Connection - MNPT (in)	1/2	3/4	1
B-Inlet - FNPT (in)	1/2	3/4	1
C-Length (in)	4.25	4.25	5.0

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

OPTIONS	5
FNPT (Standard)	
INLET MALE NPT	M
316 STAINELESS STEEL BALL VALVE	S

DIMENSIONS



Material:	PVC	CPVC	PP	PVDF	PTFE	METAL
Maximum Pressure:	150 psi	150 psi	150 psi	150 psi	150 psi	350 psi
Maximum Temperature:	140 ºF	195 ºF	195 ºF	285 ºF	480 ºF	300 ºF

SigmaMotor Inc.
PO Box 298, 3 North Main Street
Middleport, NY 14105
Tel: 716.735.3115 Fax: 716.735.3425
info@sigmamotorinc.com
www.SigmamotorInc.com

SIGMAMOTOR INC.

© COPYRIGHT 2018-2026 SIGMAMOTOR INC. PGS CS5 111126