

*Danfoss*

**CHECK VALVES WITH  
TEFLON® SEALS**

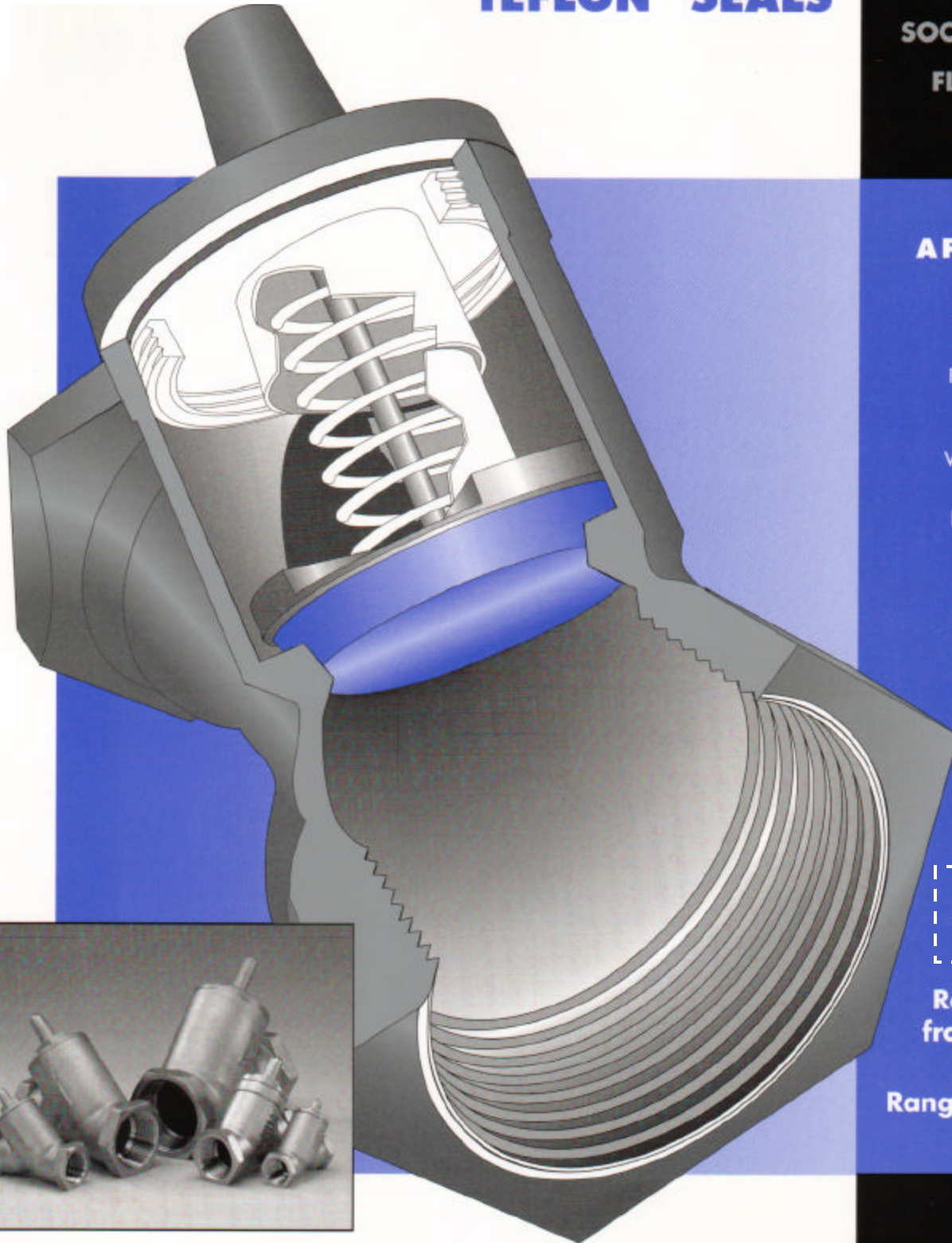
**SERIES 816**

THREADED ENDS

BUTT WELD ENDS

SOCKET WELD ENDS

FLANGED ENDS



**APPLICATIONS**

CHEMICAL  
PETROCHEMICAL  
POWER  
PHARMACEUTICAL  
PULP & PAPER  
WATER/WASTE  
WATER TREATMENT  
MINING  
DE-SALINIZATION  
IRRIGATION  
REFRIGERATION  
AGRICULTURE  
H.V.A.C.  
MARINE  
OIL PRODUCTS  
BEVERAGE

Patented  
Teflon® Seal

Range of Sizes  
from 1/4" to 4"

Range of Connections

*There is no more effective or reliable  
check valve on the market today.*

**FLOMATIC® VALVES**

Manufactured by: Flomatic Corporation, 15 Pruyn's Island Dr, Glens Falls, New York 12801

Phone: 518-761-9797

Fax: 518-761-9798

www.flomatic.com

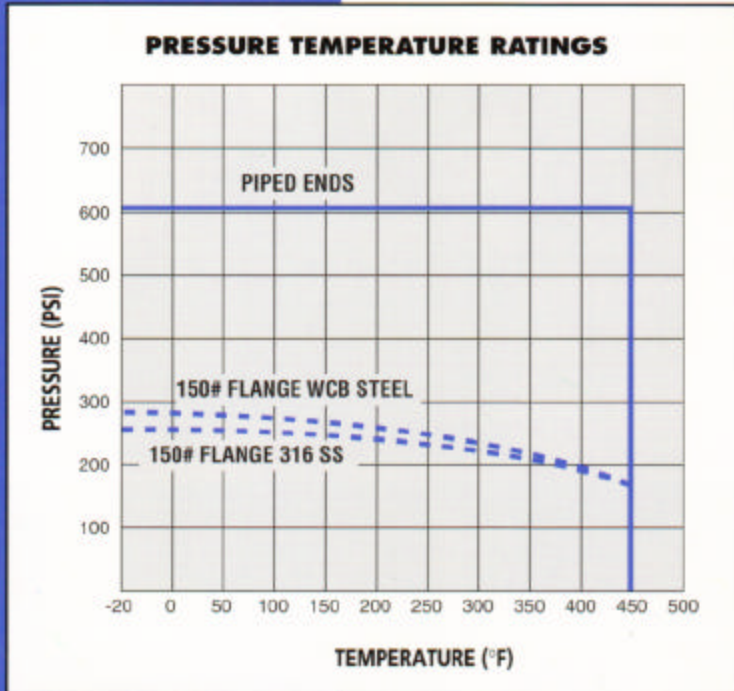
**WARD VALVE™**

Trademark

# SERIES 816

## UNIQUE CHECK VALVES WITH HIGH RATINGS

The Ward Check Valve has been rigorously tested at independent laboratories in programs that included a 15,000 cycle test and actual flow testing, after which there

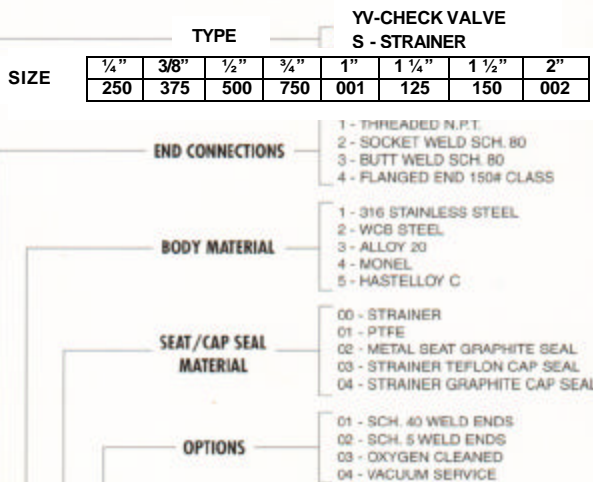


were no signs of leakage (Test results are available upon request.) These unique valves have been accepted by major CPI users for applications including multi-process lines where check valve leakage causes expensive product loss. Ward Valves' CV, cracking pressure, and pressure/temperature ratings are equal or superior to competitive products, making this specialty valve ideal for chemical applications. The Ward Check Valve has a maximum temperature rating of 450° and a steam rating (saturated) of 150 W.S.P. Available with flanged ends in 1" to 4" diameters or threaded, socket-welded and butt-welded ends in 1/4" to 2" diameters, there is no more effective or reliable check valve on the market today.

VALVE SIZE	CV RATINGS
1/4"	1.21
3/8"	1.40
1/2"	1.79
3/4"	9.60
1"	20.0
1-1/4"	33.0
1-1/2"	48.4
2"	87.0
3"	194.7
4"	343.1

VALVE SIZE	CRACKING PRESSURE (psi)
1/4-3/8-1/2"	2.5
3/4"	2.0
1"	1.2
1-1/4"	0.9
1-1/2"	0.9
2"	0.8
3"	0.5
4"	0.5

### HOW TO ORDER PART NUMBER CODE



YV-500-1- 1- 01- 00

Example shown is for a 1/2" check valve, N.P.T. threaded 316SS, P. Teflon seat and seal.

### SPECIFICATIONS

In-line spring-loaded Teflon® soft-seated plunger, encapsulated spring, body material CF3M, and WCB steel; all 316SS internals. Replaceable seat and plunger. Size 1/4" through 2".

Connections:	ASME STD.
Threaded	B.1.20.1, B16.34
Butt Weld	B16.25, B16.10, B16.34
Socket Weld	B16.11, B16.10, B16.34
Max. Pressure	600 psi
Max. Temperature	450°F
Flanged	B16.34, B16.5, B16.10
Size	1" through 4"
Flanged End Pressure Rating at 100°F	
Stainless	CF8M 275 psi
Carbon Steel	WCB 285 psi

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High Quality Valves Built to Last . . .