



## Model DF2410 Control Valve



**Figure 1** DF2410 Control Valve (Fail Closed)

The Model DF2410 Control Valve is a rugged globe style control valve intended for demanding applications in process control. It is suitable for a wide range of applications, especially high pressure and severe service. The compact design makes installation and maintenance more convenient than traditional valve and actuator assemblies while still offering the same functionality. The Model DF2410 is designed to accept instrumentation requiring valve stem linkages making it an excellent control valve.

Incorporated into the design are features that assure easy and safe maintenance. Maintenance can be performed with the valve body in line.

The Dyna-Flo DF2410 control valve is manufactured to a high level of quality to ensure superior performance and customer satisfaction.

### Features

#### **NACE Service Ready**

Standard construction for the DF2410 control valve features NACE trim. The valve bonnet and body also conform to NACE MR075 (National Association of Corrosion Engineers) recommendations.

#### **Live Loaded Packing**

Packing for the DF2410 control valve is designed to provide a quality stem seal and to prevent the loss of hazardous gases or fluids. The live loaded feature provides for reduced maintenance and positive sealing in temperature and pressure cycling conditions.

#### **Easy Trim Changes**

Bonnet and actuator removal is easily accomplished by loosening the hammer nut. Unique plug with quick-lock pin allows for easy removal and replacement without the need for punches and hammers. The seat ring is removed using the same tool as the corresponding size DF2000. The hammer nut allows for easy bonnet removal and access while the valve is still in line.

#### **Simple Installation**

The DF2410 control valves compact design allows for easy installation in tight areas where space is limited.

#### **Easy Trim Changes**

The DF2410 control valve is light weight for easy installation and handling. DF2410 control valves compact design makes it ideal for tight fitting applications.

#### **Low Temperature Materials**

The DF2410 valve and actuator are constructed with materials that are capable of functioning in temperatures of -40°C (-40°F).



## Model **DF2410 Control Valve**

### Specifications

#### Port Diameters

1/4", 3/8", 1/2", 3/4", 1" and 1-1/4"

See Table 1.

#### Sizes and Connection Styles

Size: 1 & 2 inch

Rating: ASME 150 / 300 / 600 / 900 / 1500

Connections: RF / RTJ / NPT

See Table 1 for details and Port Diameters.

#### Maximum Inlet Temperatures and Pressures

Flanged valves consistent with ASME Class rating as per ASME B16.34, unless limited by either material pressure or temperature limitations.

#### Maximum Pressure Drops

See Tables 10, 11, 12 & 13

#### Standard Shut-off Classifications

Class IV Shut-off

In accordance with ASME / FCI 70.2

#### Dimensions

##### Fail Closed Valve Configuration Dimensions

See Figure 4

##### Fail Open Valve Configuration Dimensions

See Figure 5

#### Flow Characteristics

Equal Percentage

#### Flow Direction

Flow Up

#### Valve Plug Travel

3/4 inch (19 mm)

#### Approximate Valve Body and Actuator Weights

See Table 1

#### Body Style

Globe body style

#### Materials

See Table 3 for typical construction materials.

#### Material Temperature Capabilities

##### Body Assembly

-46 to 149°C (-50 to 300°F)

##### Actuator Assembly

-40 to 82°C (-40 to 180°F)

#### Valve Cross Section

See Figures 2 & 3

#### Packing Type

The Standard packing is Double PTFE V-ring Live-loaded low emission.

#### Actuator Configurations

Fail Closed

Fail Open

#### Actuator Pressure Connections

1/4 inch Female NPT

#### Maximum Actuator Casing Pressure

50 Psig (345 kPag)

#### Effective Actuator Diaphragm Area

69 inches<sup>2</sup> (452 cm<sup>2</sup>)

#### Valve Sizing Coefficients

See Table 2 & 3



## Model DF2410 Control Valve

Table 1

### Available Valve Sizes, Connection Styles and Approximate Weights

Port Diameter inch (mm)	Connection Style						
	NPT lb (kg)	Raised Face (RF) Flanged lb (kg)				Ring Type Joint (RTJ) Flanged lb (kg)	
<b>1 Inch Valve</b> 1/4 (6.40) 3/8 (9.50) 1/2 (12.7) 3/4 (19.1)	<b>3600 PSI</b>	<b>Class 150</b>	<b>Class 300</b>	<b>Class 600</b>	<b>Class 900 and 1500</b>	<b>Class 600</b>	<b>Class 900 and 1500</b>
	71 (32)	74 (34)	81 (37)	81 (37)	110 (50)	81 (37)	110 (50)
<b>2 Inch Valve</b> 1/4 (6.40) 3/8 (9.50) 1/2 (12.7) 3/4 (19.1) 1 (25.4) 1-1/4 (38.1)	<b>3600 PSI</b>	<b>Class 150</b>	<b>Class 300</b>	<b>Class 600</b>	<b>Class 900 and 1500</b>	<b>Class 600</b>	<b>Class 900 and 1500</b>
	87 (39)	87 (39)	106 (48)	106 (48)	146 (66)	106 (48)	146 (66)

Table 2

### Model DF2410 Valve Sizing Coefficients, for Equal Percentage Trim

#### 1 Inch Valve

		10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/4 Inch (6.40 mm)	$C_v$	0.080	0.115	0.164	0.224	0.315	0.450	0.641	0.921	1.28	1.64
	$X_T$	0.783	0.783	0.744	0.691	0.625	0.614	0.608	0.611	0.610	0.610
	$F_L$	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
3/8 Inch (9.50 mm)	$C_v$	0.155	0.260	0.407	0.596	0.858	1.21	1.65	2.22	3.00	4.03
	$X_T$	0.625	0.535	0.534	0.539	0.535	0.535	0.538	0.534	0.537	0.536
	$F_L$	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
1/2 Inch (12.7 mm)	$C_v$	0.272	0.435	0.630	0.910	1.29	1.83	2.56	3.64	5.07	6.50
	$X_T$	0.613	0.627	0.585	0.576	0.565	0.553	0.535	0.509	0.490	0.501
	$F_L$	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
3/4 Inch (19.1 mm)	$C_v$	0.482	0.774	1.24	1.96	2.90	4.12	5.87	8.15	10.8	12.2
	$X_T$	0.581	0.616	0.581	0.586	0.581	0.573	0.549	0.541	0.529	0.528
	$F_L$	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

Relationships of Note:  $C_1 = 39.76 \sqrt{X_T}$

$C_6 = C_v C_1$

$K_M = F_L^2$



# Model DF2410 Control Valve

**Table 3**

## Model DF2410 Valve Sizing Coefficients, for Equal Percentage Trim

### 2 Inch Valve

		10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/4 Inch (6.40 mm)	$C_v$	0.08	0.115	0.164	0.224	0.315	0.45	0.641	0.921	1.28	1.64
	$X_T$	0.783	0.783	0.744	0.691	0.625	0.614	0.608	0.611	0.61	0.610
	$F_L$	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
3/8 Inch (9.50 mm)	$C_v$	0.155	0.26	0.407	0.596	0.858	1.21	1.65	2.22	3.00	4.03
	$X_T$	0.625	0.535	0.534	0.539	0.535	0.535	0.538	0.534	0.537	0.536
	$F_L$	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
1/2 Inch (12.7 mm)	$C_v$	0.348	0.505	0.709	0.996	1.38	1.92	2.69	3.82	5.25	6.82
	$X_T$	0.613	0.627	0.585	0.576	0.565	0.553	0.535	0.509	0.49	0.501
	$F_L$	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
3/4 Inch (19.1 mm)	$C_v$	0.613	0.952	1.44	2.06	2.92	4.13	5.86	8.16	11.1	14.0
	$X_T$	0.581	0.616	0.581	0.586	0.581	0.573	5.49	0.541	0.529	0.528
	$F_L$	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
1 Inch (25.4 mm)	$C_v$	1.20	1.68	2.44	3.53	5.05	7.28	10.5	14.0	18.4	23.7
	$X_T$	0.517	0.569	0.559	0.542	0.544	0.54	0.507	0.508	0.507	0.508
	$F_L$	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
1-1/4 Inch (38.1 mm)	$C_v$	1.32	1.76	2.49	3.66	5.42	8.23	12.7	20.6	28.9	34.5
	$X_T$	0.521	0.563	0.548	0.534	0.498	0.503	0.553	0.528	0.524	0.579
	$F_L$	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85

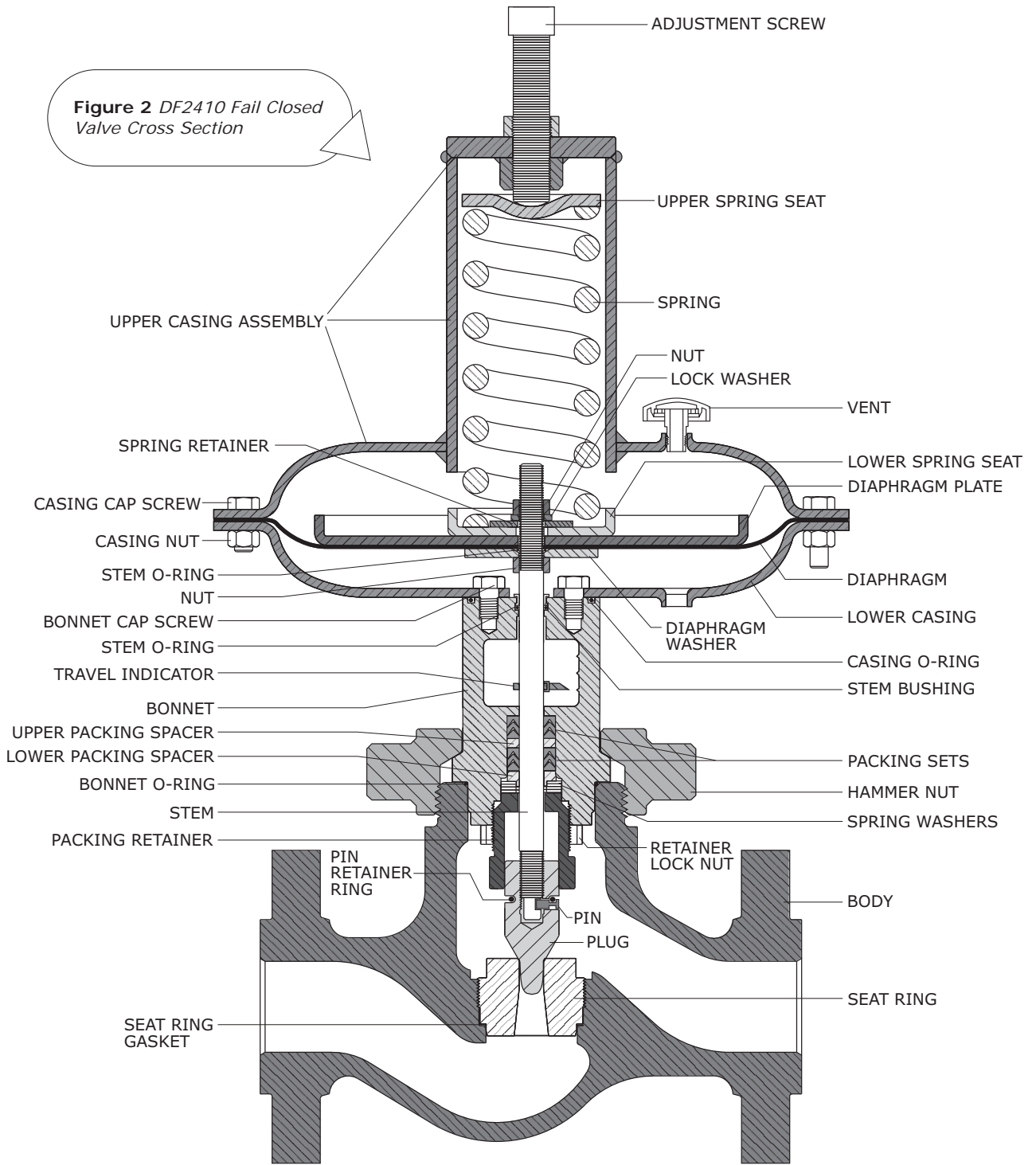
Relationships of Note:  $C_1 = 39.76 \sqrt{X_T}$

$C_G = C_v C_1$

$K_M = F_L^2$



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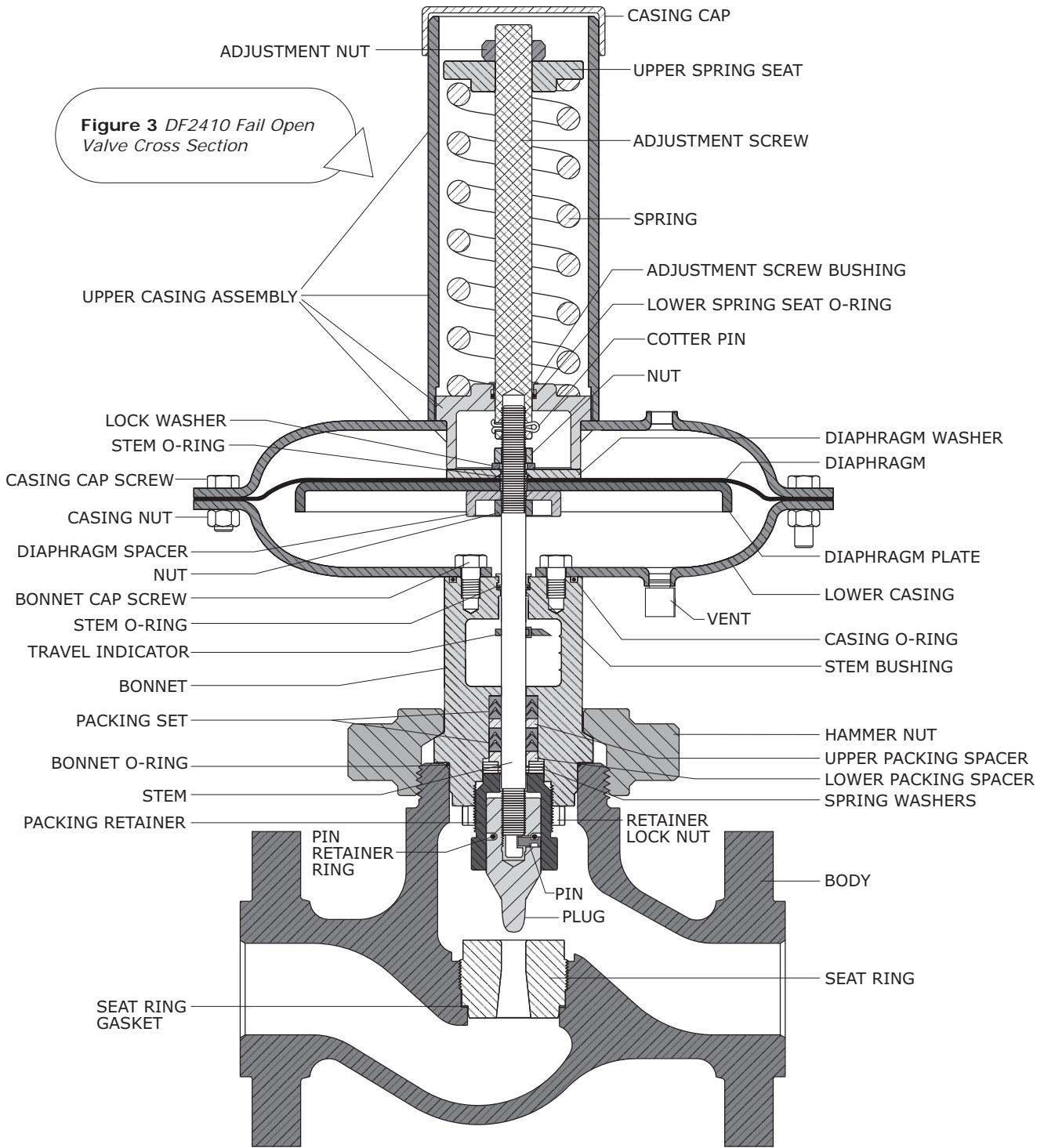
**Figure 2** DF2410 Fail Closed Valve Cross Section

**FLANGED DF2410 CONTROL VALVE FAIL CLOSED CONFIGURATION**



# Model DF2410 Control Valve

**Figure 3** DF2410 Fail Open Valve Cross Section



**FLANGED DF2410 CONTROL VALVE  
FAIL OPEN CONFIGURATION**



Model  
**DF2410 Control Valve**

**Table 3**

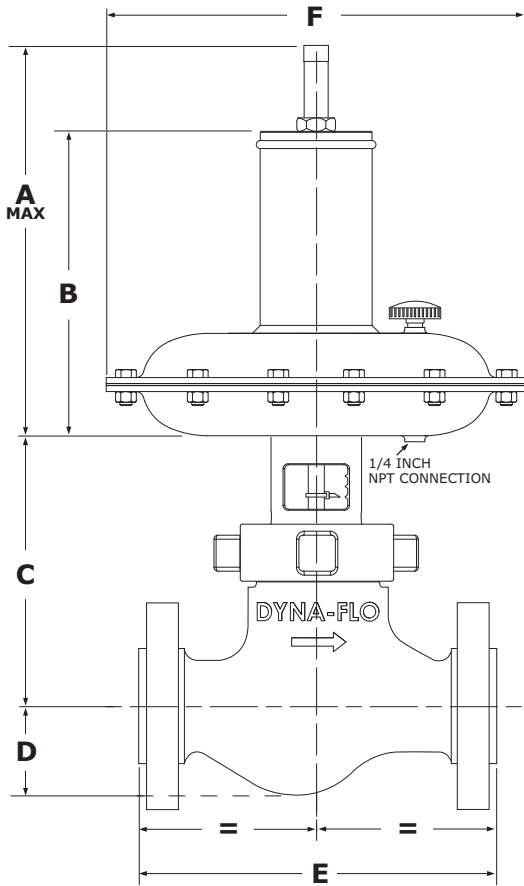
**Standard Construction Materials**

<b>Part Description</b>	<b>Standard Construction</b>
Valve Body and Bonnet	ASME SA352 LCC, ASME SA350 LF2
Bonnet O-Ring	HNBR (standard), Fluoroelastemer (optional)
Hammer Nut	ASME SA350 LF2, Forged 1040 Steel
Seat Ring	S17400 (NACE), Tungsten Carbide
Seat Ring Gasket	S30400 (304 SST)
Valve Plug	S17400 (NACE), Tungsten Carbide
Pin	S31600 (316 SST)
Pin Retainer Ring	HNBR
Packing Retainer and Lock Nut	S17400 (17-4 PH)
Upper Packing Spacer	S31600 (316 SST)
Lower Packing Spacer	S31600 (316 SST)
Spring Washers	N07718 (Inconel 718)
Packing Sets	PTFE / Carbon Filled PTFE
Valve Stem	S20910
Stem O-Ring	HNBR
Stem Bushing	PPS
Lower Casing	Steel / Zinc
Upper Casing Assembly	Steel / Zinc
Adjustment Screw	Steel / Zinc
Casing O-Ring	HNBR
Diaphragm Plate	Steel
Diaphragm	Nitrile / Nylon
Spring	Steel (painted)
Lower Spring Seat	Steel / Zinc



# Model DF2410 Control Valve

**Figure 4** DF2410 Fail Closed Valve Dimensions



**Table 4**

### DF2410 Fail Closed Dimensions

Key	Dimensions inch (mm)
A Max	12.30 (312)
B	9.50 (241)
F	13.10 (333)

**Table 5**

### 1" DF2410 Fail Closed Dimensions inch (mm)

Connection Style	Key		
	C	D	E
NPT	8.24 (209)	1.81 (46)	6.62 (168)
Class 150 RF Flanged	8.24 (209)	1.81 (46)	8.12 (206)
Class 300 RF Flanged	8.24 (209)	1.81 (46)	8.62 (219)
Class 600 RF Flanged	8.24 (209)	1.81 (46)	9.12 (232)
Class 900/1500 RF Flanged	8.24 (209)	1.81 (46)	10.00 (254)
Class 600 RTJ Flanged	8.24 (209)	1.81 (46)	9.12 (232)
Class 900/1500 RTJ Flanged	8.24 (209)	1.81 (46)	10.00 (254)

**Table 6**

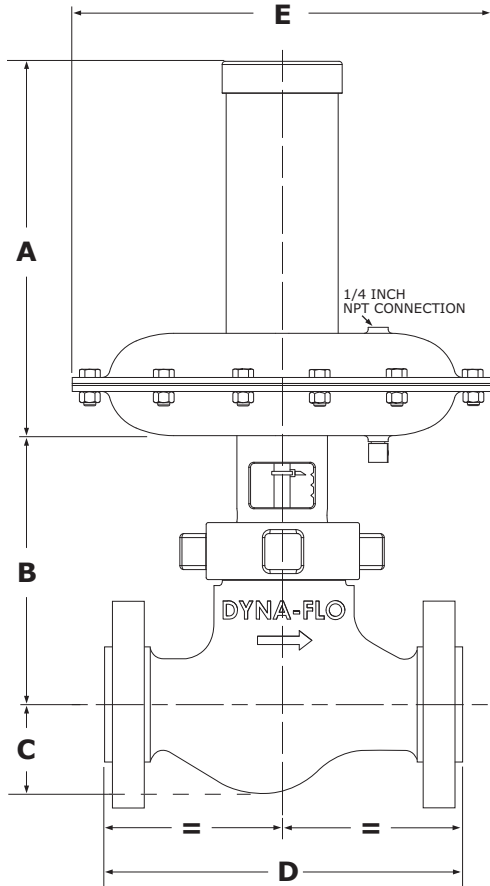
### 2" DF2410 Fail Closed Dimensions inch (mm)

Connection Style	Key		
	C	D	E
NPT	8.47 (215)	2.75 (70)	9.00 (230)
Class 150 RF Flanged	8.47 (215)	2.75 (70)	10.50 (267)
Class 300 RF Flanged	8.47 (215)	2.75 (70)	10.50 (267)
Class 600 RF Flanged	8.47 (215)	2.75 (70)	11.25 (286)
Class 900/1500 RF Flanged	8.47 (215)	2.75 (70)	12.12 (308)
Class 600 RTJ Flanged	8.47 (215)	2.75 (70)	11.38 (289)
Class 900/1500 RTJ Flanged	8.47 (215)	2.75 (70)	12.25 (311)





# Model DF2410 Control Valve



**Figure 5** DF2410 Fail Open Valve Dimensions

**Table 7**

### DF2410 Fail Open Dimensions

Key	Dimensions inch (mm)
A	12.75 (323)
E	13.10 (333)

**Table 8**

### 1" DF2410 Fail Open Dimensions inch (mm)

Connection Style	Key		
	B	C	D
NPT	8.24 (209)	1.81 (46)	6.62 (168)
Class 150 RF Flanged	8.24 (209)	1.81 (46)	8.12 (206)
Class 300 RF Flanged	8.24 (209)	1.81 (46)	8.62 (219)
Class 600 RF Flanged	8.24 (209)	1.81 (46)	9.12 (232)
Class 900/1500 RF Flanged	8.24 (209)	1.81 (46)	10.00 (254)
Class 600 RTJ Flanged	8.24 (209)	1.81 (46)	9.12 (232)
Class 900/1500 RTJ Flanged	8.24 (209)	1.81 (46)	10.00 (254)

**Table 9**

### 2" DF2410 Fail Open Dimensions inch (mm)

Connection Style	Key		
	B	C	D
NPT	8.47 (215)	2.75 (70)	9.00 (229)
Class 150 RF Flanged	8.47 (215)	2.75 (70)	10.50 (267)
Class 300 RF Flanged	8.47 (215)	2.75 (70)	10.50 (267)
Class 600 RF Flanged	8.47 (215)	2.75 (70)	11.25 (286)
Class 900/1500 RF Flanged	8.47 (215)	2.75 (70)	12.12 (308)
Class 600 RTJ Flanged	8.47 (215)	2.75 (70)	11.38 (289)
Class 900/1500 RTJ Flanged	8.47 (215)	2.75 (70)	12.25 (311)



## Model DF2410 Control Valve

**Table 10**

### Maximum Shut-off Pressure Drops<sup>3</sup> for a Fail Closed DF2410 When used with common instrumentation<sup>1</sup>

Actuator Input Signal	0 to 18 Psig (0 to 124 kPag)	0 to 20 Psig (0 to 138 kPag)	0 to 30 Psig (0 to 207 kPag)	0 to 33 Psig (0 to 228 kPag)	0 to 35 Psig (0 to 241 kPag)	0 to 50 Psig (0 to 345 kPag)
Spring	Light Spring		Heavy Spring			
Initial Spring Setting	11.0 Psig (75.8 kPag)	11.0 Psig (75.8 kPag)	12.5 Psig (86.2 kPag)	15.5 Psig (107 kPag)	17.0 Psig (117 kPag)	17.0 Psig (117 kPag)
Port Diameter inch (mm)	Maximum Pressure Drop Psi (kPa)					
1/4 (6.40)	3,750 (25,855) <sup>2</sup>	3,750 (25,855) <sup>2</sup>	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
3/8 (9.50)	3,750 (25,855) <sup>2</sup>	3,750 (25,855) <sup>2</sup>	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
1/2 (12.7)	2,765 (19,064)	2,765 (19,064)	3,180 (21,925)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
3/4 (19.1)	1,160 (7,998)	1,160 (7,998)	1,340 (9,239)	1,785 (12,307)	2,080 (14,341)	2,080 (14,341)
1 (25.4)	610 (4,206)	610 (4,206)	715 (4,930)	965 (6,653)	1,130 (7,791)	1,130 (7,791)
1-1/4 (31.8)	365 (2,517)	365 (2,517)	430 (2,965)	590 (4,068)	700 (4,826)	700 (4,826)

- Notes:**
- 1 - When using an instrument such as a positioner or controller with a 3-15 Psi (21-105 kPa) input signal use the 0 to 20 Psig column (Light Spring).
  - 2 - For applications where downstream pressure exceeds 2,845 Psig (19, 616 kPag), 2,845 Psig should be used as the Maximum Shut-off Pressure.
  - 3 - Do not exceed the Pressure Temperature Limitations as per ASME B16.34.

**Table 11**

### Maximum Shut-off Pressure Drops<sup>3</sup> for a Fail Closed DF2410 When used with restricted output range instrumentation<sup>1</sup>

Actuator Input Signal	3 to 15 Psig (20.7 to 103 kPag)	6 to 30 Psig (41 to 207 kPag)
Initial Spring Setting	10 Psig (69 kPag) (Light Spring)	14 Psig (97 kPag) (Heavy Duty Spring)
Port Diameter inch (mm)	Maximum Pressure Drop Psi (kPa)	Maximum Pressure Drop Psi (kPa)
1/4 (6.40)	3,750 (25,855) <sup>4</sup>	3,750 (25,855) <sup>2</sup>
3/8 (9.50)	2,205 (15,203) <sup>4</sup>	3,045 (20,995) <sup>2</sup>
1/2 (12.7)	1,160 (7,998)	1,635 (11,273)
3/4 (19.1)	445 (3,068)	655 (4,516)
1 (25.4)	210 (1,448)	330 (2,275)
1-1/4 (31.8)	110 (758)	185 (1,276)

- Notes:**
- 1 - example: for a Electro-Pneumatic Transducer calibrated for 6 to 30 Psig (41 to 207 kPag).
  - 2 - For valve use where downstream pressure exceeds 1,715 Psig (11,825 kPag), 1,715 Psig should be used as the Maximum Shut-off Pressure.
  - 3 - Do not exceed the Pressure Temperature Limitations as per ASME B16.34.
  - 4 - For valve use where downstream pressure exceeds 740 Psig (5,102 kPag), 740 Psig should be used as the Maximum Shut-off Pressure.



## Model DF2410 Control Valve

**Table 12**

### Maximum Shut-off Pressure Drops<sup>3</sup> for a Fail Open DF2410 When used with common instrumentation<sup>1</sup>

Actuator Input Signal	0 to 18 Psig (0 to 124 kPag)	0 to 20 Psig (0 to 138 kPag)	0 to 30 Psig (0 to 207 kPag)	0 to 33 Psig (0 to 228 kPag)	0 to 35 Psig (0 to 241 kPag)	0 to 50 Psig (0 to 345 kPag)
Spring	Light Spring		Heavy Spring			
Initial Spring Setting	3.5 Psig (24 kPag)	3.5 Psig (24 kPag)	4.0 Psig (28 kPag)	4.0 Psig (28 kPag)	4.0 Psig (28 kPag)	4.0 Psig (28 kPag)
Port Diameter inch (mm)	Maximum Pressure Drop Psi (kPa)					
1/4 (6.40)	3,750 (25,855) <sup>2</sup>	3,750 (25,855) <sup>2</sup>	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
3/8 (9.50)	3,750 (25,855) <sup>2</sup>	3,750 (25,855) <sup>2</sup>	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
1/2 (12.7)	2,715 (18,719)	3,380 (23,304)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)	3,750 (25,855)
3/4 (19.1)	1,135 (7,826)	1,430 (9,860)	2,130 (14,686)	2,575 (17,754)	2,875 (19,822)	3,750 (25,855)
1 (25.4)	600 (4,137)	765 (5,274)	1,160 (7,998)	1,410 (9,722)	1,575 (10,859)	2,830 (19,512)
1-1/4 (31.8)	355 (2,448)	465 (3,206)	715 (4,930)	875 (6,033)	985 (6,791)	1,785 (12,307)

- Notes:**
- 1 - When using an instrument such as a positioner or controller with a 3-15 Psi (21-105 kPa) input signal use the 0 to 20 Psig column (Light Spring).
  - 2 - For valve use where downstream pressure exceeds 2,750 Psig (18,960 kPa), 2,750 Psig should be used as the Maximum Shut-off Pressure.
  - 3 - Do not exceed the Pressure Temperature Limitations as per ASME B16.34.

**Table 13**

### Maximum Shut-off Pressure Drops<sup>3</sup> for a Fail Open DF2410 When used with restricted output range instrumentation<sup>1</sup>

Actuator Input Signal	6 to 30 Psig (41 to 207 kPag)	2 to 33 Psig (14 to 228 kPag)
Initial Spring Setting	10 Psig (69 kPag) (Heavy Duty Spring)	6 Psig (41 kPag) (Heavy Duty Spring)
Port Diameter inch (mm)	Maximum Pressure Drop Psi (kPa)	Maximum Pressure Drop Psi (kPa)
1/4 (6.40)	3,750 (25,855) <sup>2</sup>	3,750 (25,855)
3/8 (9.50)	3,750 (25,855) <sup>2</sup>	3,750 (25,855)
1/2 (12.7)	2,845 (19,616)	3,750 (25,855)
3/4 (19.1)	1,195 (8,239)	2,265 (15,617)
1 (25.4)	630 (4,344)	1,235 (8,515)
1-1/4 (31.8)	380 (2,620)	765 (5,274)

- Notes:**
- 1 - example: for a Electro-Pneumatic Transducer calibrated for 6 to 30 Psig (41 to 207 kPag).
  - 2 - For valve use where downstream pressure exceeds 2,925 Psig (20,168 kPa), 2,925 Psig should be used as the Maximum Shut-off Pressure.
  - 3 - Do not exceed the Pressure Temperature Limitations as per ASME B16.34.



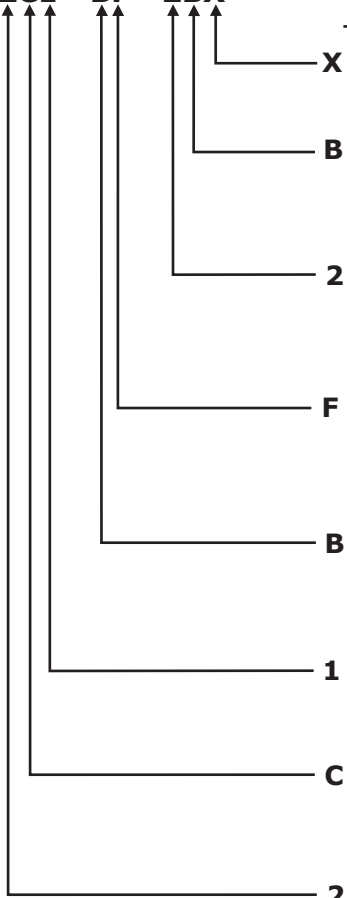
# Model DF2410 Control Valve

Ordering Guide

## Dyna-Flo DF2410 Control Valve | Model Numbering System

Sample Part Number

**DF2410 - 2C1 - BF - 2BX**



Code	Description
<b>X</b>	Special
<b>Trim Material</b>	
<b>B</b>	S17400 (NACE)
<b>D</b>	Tungsten Carbide
<b>Orifice Size</b>	
<b>2</b>	1/4 Inch Port
<b>3</b>	3/8 Inch Port
<b>4</b>	1/2 Inch Port
<b>6</b>	3/4 Inch Port
<b>8</b>	1 Inch Port
<b>1</b>	1-1/4 Inch Port
<b>Connection Style</b>	
<b>F</b>	RF
<b>J</b>	RTJ
<b>N</b>	NPT
<b>ASME Rating</b>	
<b>A</b>	150
<b>B</b>	300
<b>C</b>	600
<b>D</b>	900 / 1500
<b>E</b>	3750 PSI (NPT)
<b>Spring Range</b>	
<b>0</b>	3-15 Psig (21-103 kPag) (Light Duty)
<b>1</b>	6-30 Psig (41-207 kPag) (Heavy Duty)
<b>Actuator Style</b>	
<b>C</b>	Fail Closed
<b>O</b>	Fail Open
<b>Body Size</b>	
<b>1</b>	1 Inch Body
<b>2</b>	2 Inch body

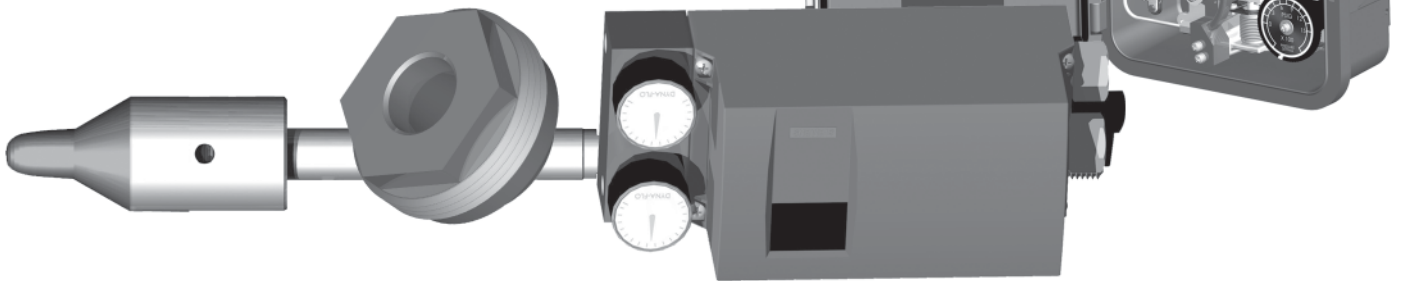
### Our Commitment of Quality

Dyna-Flo is committed to continuous improvement. All efforts have been taken to maximize the accuracy of this information. Without notification, product specifications and designs may be modified at any time. The issue of this document is for information only, and does not imply suitability, a warranty, or guarantee for a specific service.

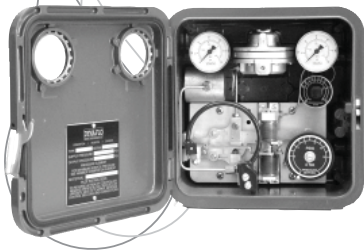


## PRODUCT PREVIEW

# Have you seen what else Dyna-Flo has to offer?



### 4000 Pressure Controller

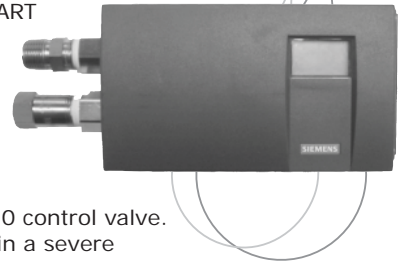


The Dyna-Flo 4000 Series pneumatic pressure controllers are the "brains" of a self contained, local pneumatic PID control loops.

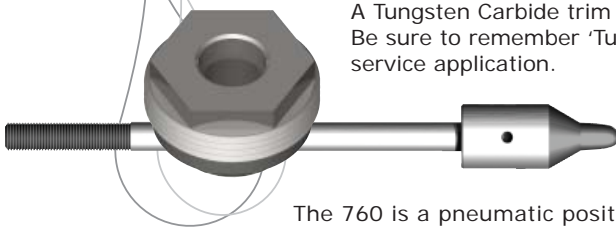
The pressure controller detects the process pressure using a Bourdon tube. The process pressure is then compared to an operator manually adjusted set point, which in turn modulates the controller output. The controller pneumatic output is connected to a final control device, typically a control valve, that changes the process pressure.

### Siemens PS2 Positioner

The PS2 is a digital smart valve positioner with onboard programming and HART ready. It has a visual LCD screen for visual programming and diagnostics, which means the PS2 does not require a handheld.



### DF2410 Tungsten Carbide Trim



A Tungsten Carbide trim option is available for the DF2410 control valve. Be sure to remember 'Tungsten Carbide' for the DF2410 in a severe service application.

### Siemens 760 Positioner

The 760 is a pneumatic positioner and can be used with linear motion or rotary valves. Additional components can be added, such as a 4 - 20 mA module, internal limit switches, high flow CV module, or position indicator windows.



Visit [www.dynaflo.com](http://www.dynaflo.com)  
for more product information

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