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Figure 1 Model 360C Control Valve

The Model 360C/363C control valve (Figure 1) is a single-port stainless steel globe style valve that can be used for either throttling or on-off control of cryogenic fluids to temperatures as low as -325°F (-198°C).

The standard actuator for the Model 360C/363C valve is a Dyna-Flo Model DFC or DFO linear actuators. These heavy-duty actuators are spring return diaphragm style, and can be used for throttling or on-off service, with or without a valve positioner.

Model 360C/363C control valves are manufactured to a high level of quality specifications to ensure superior performance and customer satisfaction.

Features

Stainless Steel Construction

The stainless steel valve body and specialty extension bonnet are designed to meet low temperature requirements.

Versatility

A wide range of trim options including Low Noise and Anti-Cavitation make the 360C/363C a versatile control valve.

Field Service Friendly

No special tools are required to change or inspect trim. Top access makes in-line service easy.

Shut-Off Capabilities

Refer to Table 2 for shut-off classifications.

Cryogenic Spring-Loaded Seals

Specially engineered seals are designed and manufactured for superior performance at extremely low temperatures.

Emissions Reducing Packing

Help prevent the loss of process media and reduce packing maintenance with the use of Dyna-Flo's Live Loaded PTFE and graphite packing systems.

Sour Service Capability

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Available in standard configurations that comply with NACE MR0175/ISO 15156, consult Dyna-Flo Control Valves.

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Configurations

The Model 360C control valve is a single port cage guided globe style valve with a balanced plug. The standard valve plug action is push down to close. Refer to Table 1.

The Model 363C control valve is a single port post guided globe style valve with an unbalanced plug. The standard valve plug action is push down to close. Refer to Table 1.

PTFE Seat and Metal Seat Available.

Consult your Dyna-Flo sales office for other available configurations.

Sizes and Connection Styles (Refer to Table 1)

Size: 1/2", 3/4", 1", 1-1/2", 2" - 363C Only

3", 4", 6", 8" - 360C Only

Body: Globe - All Sizes

Rating: ASME 150 / 300 / 600 - All Sizes

Connection: RF - All Sizes

Maximum Inlet Pressures and Temperatures

Flanged valves consistent with ASME Class 150, 300, and 600 rating as per ASME B16.34, unless limited.

ASME Class 600 valves with B8M Class 2 bolting are consistent with Class 600 pressure-temperature ratings per ASME B16.34 except as shown below:

Model	Valve Size	Maximum Inlet Pressure at 100°F (38°C)			
	IIICII	Psig	kPag		
363C	1	1110	7653		
3630	2	1200	8274		
	3	1370	9446		
360C	6	1085	7481		
	8	1390	9584		

Material Temperature Capabilities

360C: -325 to 150°F (-198 to 66°C) 363C: -325 to 300°F (-198 to 149°C)

Characteristic and Flow Direction

Refer to Table 1.

Maximum Pressure Drops

Maximum pressure drop is the same as maximum inlet pressure unless restricted by spiral wound gaskets (refer to Table 15).

Maximum Allowable Actuator Thrust

Refer to Table 8.

Dimensions

Valve Outline Dimension Diagram

Refer to Figure 2.

Approximate Valve Body Weight

Refer to Table 3.

Materials

Refer to Table 11 for standard valve construction materials. Refer to Tables 13 & 14 for trim materials.

Cross-Section of the Model 360C & 363C Control Valves Refer to Figures 3 & 4.

Refer to rigures 5 & 4

Port Diameters and Maximum Valve Plug Travel

Refer to Tables 4 to 7.

For more information and other options contact your Dyna-Flo sales office.

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Available Va	alve Configu	rations				Table 1
	l		End Connection			
Valve Model	Valve Size Inch	Rais	ed Face (RF) Flan	Characteristic	Flow	
	111611	ASME Class 150	ASME Class 300	ASME Class 600		
					Equal Percentage (Standard)	Up
2626	363C 1/2 / 3/4 1 / 1-1/2 / 2	✓	✓	✓	Dyna-Form (Equal Percentage)	Up
303C					Quick Opening	Up
					Linear	Up
					Equal Percentage (Standard)	Down
					Quick Opening	Down
360C	3/4/6/8	✓	✓	✓	Linear	Down
					Low-Noise 3 (Linear)	Up
					Anti-Cavitation 1-Stage (Linear)	Down

			Table
Standard Shut-Off Classifications	(in accordance with ANSI/FCI 70.	2 and IEC 60!	534-4)
Valve Trim	Seat Option		Shut-Off Class
		Standard	Class V (Air Test)
	PCTFE (Soft Seated)	0	Class V
360C		Optional	Class VI(1)
(Except Anti-Cavitation)		Standard	Class IV
	Metal	Outional	Class V ⁽²⁾
		Optional	Class VI ⁽¹⁾
2000 Anti-Cavitation 1 Chase	Motel	Standard	Class IV
360C Anti-Cavitation 1 Stage	Metal	Optional	Class V
		Standard	Class IV
363C All	Metal	0	Class V
		Optional	Class VI ⁽¹⁾
Notes:	1 - A Class V water test cannot be test can cause damage to the val	e performed a ve when used	s residual trapped moisture from a hydrowith freezing process temperatures.

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360C/363C Approximat	e Valve Body Weights		Table 3
	Valve Size	Valve Bo	ody Only
Model	inch	lb	Kg
	1/2, 3/4, 1	33	15
363C	1-1/2	48	22
	2	90	41
	3	135	61
2000	4	210	95
360C	6	465	211
	8	820	372

360C Globe Valve Size, Port Diameters, Plug Travel, Stem and Yoke Boss Diameters

(Except Low-Noise and Anti-Cavitation)

Port	Valve Size	Port Di	ameter	Max Valve	Plug Travel			ss Diameter	
Port	Inch	Inch	l mm	Inch	mm	Stem Inch	Diameter mm	Inch	mm
						1/2	12.7	2-13/16	71.4
	3	3-7/16	87.3	1-1/2	38.1	3/4	19.1	3-9/16	90.5
				_		1/2	12.7	2-13/16	71.4
- " D .	4	4-3/8	111.1	2	50.8	3/4	19.1	3-9/16	90.5
Full Port		_	177.8			3/4	19.1	3-9/16	90.5
	6	7		2	50.8	1	25.4	5	127
		0	202.2		76.0	3/4	19.1	3-9/16	90.5
	8	8	203.2	3	76.2	1	25.4	5	127
		2.546	F0 7	1.1/0	20.6	1/2	12.7	2-13/16	71.4
	3	2-5/16	58.7	1-1/8	28.6	3/4	19.1	3-9/16	90.5
Reduced		/-			/	1/2	12.7	2-13/16	71.4
Port	4	2-7/8	73.0	1-1/2	38.1	3/4	19.1	3-9/16	90.5
				2	F0.0	3/4	19.1	3-9/16	90.5
	6	4-3/8	111.1	2	50.8	1	25.4	5	127

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360C L	ow-Noise Valv	e Size, Port	Diameters,	Plug Tr	avel, St	tem and Yol	ce Boss Diai	neters	Table 5	
Valve Size	Port Diameter		ameter	Max Valve Plug Travel		Yoke Boss Diameter (YBD)				
	Option		I		1		iameter	-	BD	
Inch		Inch	mm	Inch	mm	Inch	mm	Inch	mm	
3	A1	3-7/16	87.3	1 1/2	38.1	1/2	12.7	2-13/16	71.4	
3	B3, C3, D3	2-5/16	58.7	1-1/2	30.1	3/4	19.1	3-9/16	90.5	
4	A1	4-3/8	111.1		F0.0	1/2	12.7	2-13/16	71.4	
4	B3, C3, D3	3-7/16	87.3	2	50.8	3/4	19.1	3-9/16	90.5	
		4-3/8	111.1		F0.0	2/4	10.1	2.0/46	00.5	
6	A1	7	177.8	2	50.8	3/4	19.1	3-9/16	90.5	
	B3, C3, D3	5-3/8	136.5	3	76.2	1	25.4	5	127	
0	A.1		_		76.0	3/4	19.1	3-9/16	90.5	
8	A1	8	203.2	3	76.2	1	25.4	5	127	

360C Anti-Ca	Table 6 360C Anti-Cavitation Valve Size, Port Diameters, Plug Travel, Stem and Yoke Boss Diameters												
		1 St	tage		Yoke Boss Diameter (YBD)								
Valve Size	Port Di	ameter	Max Valve	Max Valve Plug Travel		Stem Diameter YBD							
Inch	Inch	mm	Inch	mm	Inch	mm	Inch	mm					
3	2-5/16	58.7	1-1/8	28.6	1/2	12.7	2-13/16	71.4					
3	3-7/16	87.3	1-5/8	41.3	3/4	19.1	3-9/16	90.5					
4	2-7/8	73.0	1-1/2	38.1	1/2	12.7	2-13/16	71.4					
4	4-3/8	111.1	2-1/8	54.0	3/4	19.1	3-9/16	90.5					
6	4-3/8	111.1	2-1/8	54.0	3/4	19.1	3-9/16	90.5					
0	7	177.8	2-1/4	57.2	1	25.4	5	127					
8	Q	203.2	2.2/9	85.7	3/4	19.1	3-9/16	90.5					
o o	8 203.2		3-3/8 85.7		1	25.4	5	127					

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363C V	Table 7 363C Valve Size, Port Diameters, Plug Travel, Stem and Yoke Boss Diameters											
Valve Size		Port Diameter				Valve Travel		em	ameter (YI	•		
Inch	<u> </u>	ercentage	<u> </u>	pening		ear	Inch	mm	Inch	mm	Inch	mm
	Inch	mm	Inch	mm	Inch	mm						
1/2 3/4	1/4, 3/8, 1/2, 3/4,	6.4, 9.5, 12.7, 19.1,	1	25.4	1	25.4	3/4	19.1	3/8	9.5	2-1/8	54.0
1	1/2, 3/4,	25.4	1	23.4	1	23.4	3/4	19.1	1/2	12.7	2-13/16	71.4
1-1/2	1/4, 3/8, 1/2, 3/4,	6.4, 9.5,	1 1/2	38.1	1 1/2	38.1	2/4	10.1	3/8	9.5	2-1/8	54.0
1-1/2	1, 1-1/2	12.7, 19.1, 25.4, 38.1	1-1/2	30.1	1-1/2	36.1	3/4	3/4 19.1	1/2	12.7	2-13/16	71.4
2	1/4, 3/8,	6.4, 9.5,	2	50.8	2	50.8	1 1/0	20.6	1/2	12.7	2-13/16	71.4
	1/2, 3/4, 1, 2	12.7, 19.1, 25.4, 50.8		30.6	2	30.8	1-1/8	28.6	3/4	19.1	3-9/16	90.5

cimum Allov	vable Actuator Thi	rust for Standard C	ryogenic Bonnet L	engths	Tab
Madal	Valve Size	Stem D	iameter	Maximum Allow	able Stem Load
Model	Inch	Inch	mm	lb	N
	1/2 2/4 1	3/8	9.5	1,210	5,382
	1/2, 3/4, 1	1/2	12.7	2,960	13,166
2626	1.1/2	3/8	9.5	1,200	5,338
363C	1-1/2	1/2	12.7	2,960	13,166
	2	1/2	12.7	3,230	14,367
		3/4	19.1	9,930	44,169
	3	1/2	12.7	3,440	15,301
	3	3/4	19.1	10,220	45,459
	4	1/2	12.7	3,700	16,458
3600	4	3/4	19.1	10,560	46,971
360C	6	3/4	19.1	8,180	36,385
	6	1	25.4	18,320	81,487
	0	3/4	19.1	9,300	41,366
	8	1	25.4	19,560	87,003

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Table 9 360C Standard Valve Dimensions (RF End Connection) Inches (mm) (Refer to Figure 2)										
Valve Size		Α				С				
Inch	ASME	ASME	ASME	В	Stem	Diameter Inch	(mm)			
	Class 150	Class 300	Class 600		1/2 (12.7)	3/4 (19.1)	1 (25.4)			
3	11.75 (299)	12.50 (318)	13.25 (337)	3.81 (97)	21.00 (533)	21.00 (533)	-			
4	13.88 (353)	14.50 (368)	15.50 (394)	5.06 (129)	21.00 (533)	21.00 (533)	-			
6	17.75 (451)	18.62 (473)	20.00 (508)	5.50 (140)	-	30.00 (762)	30.00 (762)			
8	21.38 (543)	22.38 (543)	24.00 (610)	7.50 (191)	-	30.00 (762)	30.00 (762)			

	Table 1 363C Standard Valve Dimensions (RF End Connection) Inches (mm) Refer to Figure 2)									
Valve Size		Α				С				
Inch	ASME	ASME	ASME	В	Stem	Diameter Inch	(mm)			
	Class 150	Class 300	Class 600	Class 300 Class 600		3/8 (9.5)	1/2 (12.7)	3/4 (19.1)		
1/2, 3/4, 1	7.25 (184)	7.75 (184)	8.25 (210)	2.38 (61)	21.06 (535)	21.62 (549)	-			
1-1/2	8.75 (222)	9.25 (235)	9.88 (251)	2.81 (71)	21.06 (535)	21.56 (548)	-			
2	10.00 (254)	10.50 (268)	11.25 (286)	3.06 (78)	-	21.00 (533)	21.00 (533)			

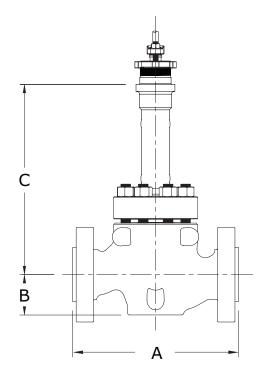


Figure 2 Typical Valve Dimension Diagram

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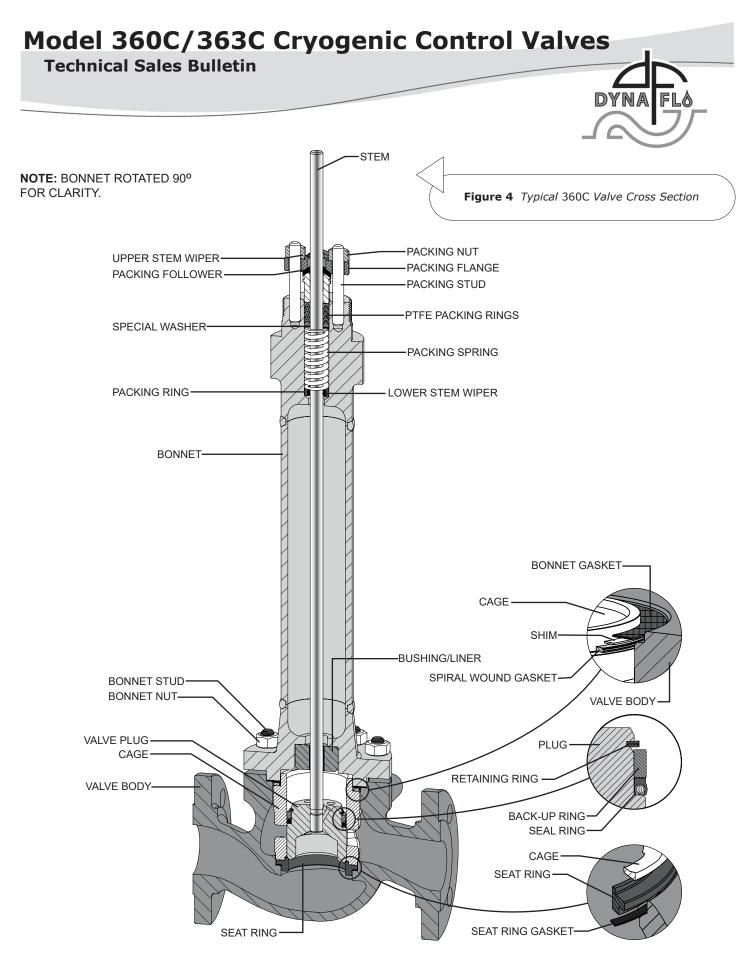
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Model 360C/363C Cryogenic Control Valves **Technical Sales Bulletin** Figure 3 Typical 363C Valve Cross Section **NOTE: BONNET ROTATED 90°** FOR CLARITY. PACKING NUT PACKING FLANGE **UPPER STEM WIPER-**PACKING STUD PACKING FOLLOWER-PTFE PACKING RINGS SPECIAL WASHER--PACKING SPRING PACKING RING-LOWER STEM WIPER BONNET--BUSHING/LINER BONNET STUD **BONNET GASKET-BONNET NUT-**SEAT RING RETAINER-SEAT RING RETAINER SHIM-SPIRAL WOUND GASKET VALVE BODY GUIDE BUSHING · VALVE PLUG -SEAT RING-SEAT RING RETAINER SEAT RING -SEAT RING GASKET

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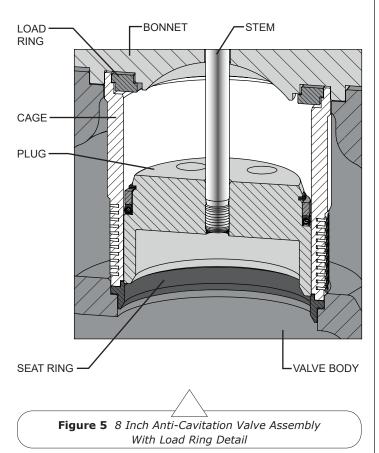
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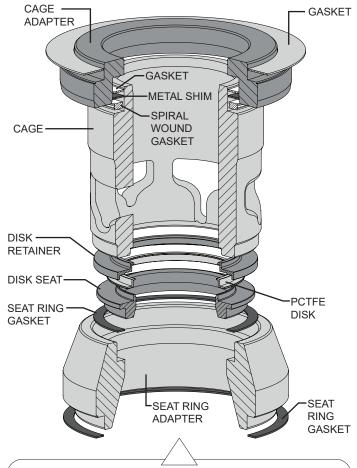


Figure 6 Reduced Trim and Soft Seat Assembly Diagram

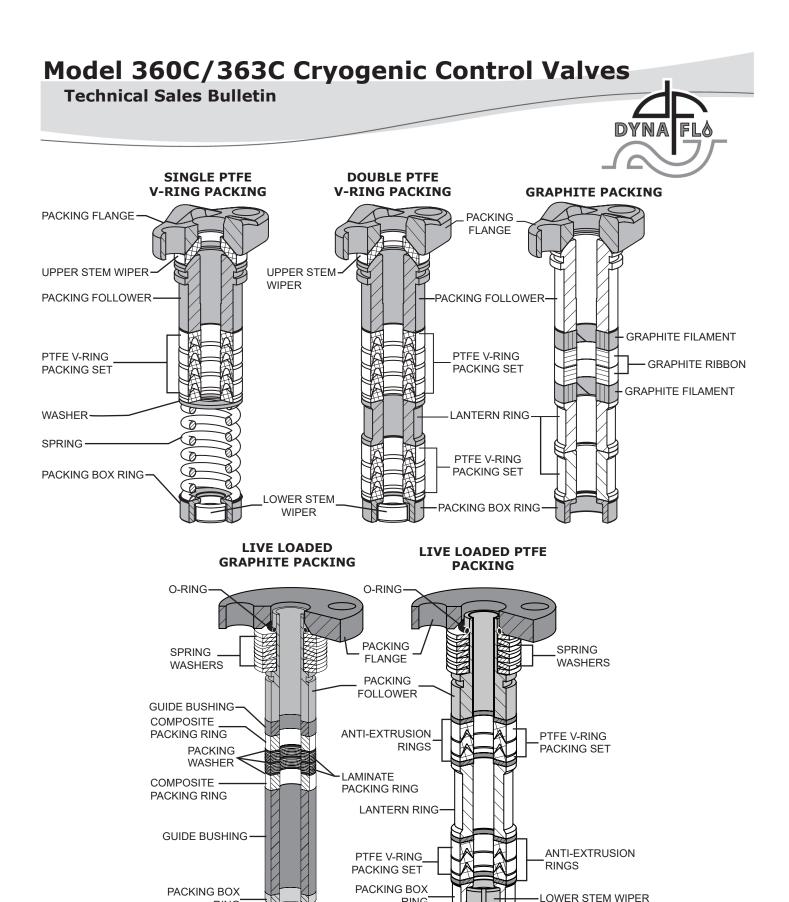


Figure 7 Typical Packing Arrangements

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Common Valve Parts Typical Construction Materials and Temperature Limitations

Table 11

			Те	mperature	e Limitatio	ns
Pa	ort	Material	Min. ºF	Max. °F	Min. ℃	Max. ºC
Valve	Stem	S20910	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Load Ring (8 In	ch Valves Only)	Inconel 718	NLF(1)	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF(1)
Cage Adapter ((Reduced Trim)	S31600/S31603 Dual Grade	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Seat Ring Adapte	r (Reduced Trim)	S31600/S31603 Dual Grade	NLF(1)	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Spring-Loaded	Backup Ring	S31600/S31603 Dual Grade	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
(Three-Piece)	Seal Ring	PCTFE / Elgiloy	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Valve Plug Seal	Retaining Ring	S31600/S31603 Dual Grade	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Seat Ring / Bonne	et / Cage Gaskets	Graphite	NLF(1)	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Spiral Wou	nd Gaskets	N06600 / Graphite	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Sh	im	S30400	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Di	sk	PCTFE	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Disk	Seat	S31600/S31603 Dual Grade	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Disk R	etainer	S31600/S31603 Dual Grade	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Date	din a	PTFE V-Ring	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾
Paci	king	Graphite (Ribbon/Filament)	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾	NLF ⁽¹⁾

NOTES:

1 - NLF - This Material is Not A Limiting Factor. For the temperature limitation refer to the Material Temperature Capabilities on Page 2.

Body to Bonnet Bolting Temperature Limitations

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Table 12

Body Material	ASME Class	Bolt/Nut		Temperature	ature Limitations				
Body Material	ASME Class	Material	Min. °F Max.		Min. °C	Max. °C			
CF8M	150/300/600	B8M/8M ⁽¹⁾ (Standard)	-325	NLF ⁽²⁾	-198	NLF ⁽²⁾			

NOTES:

- **1** NACE MR0175/ISO15156 Non-Exposed Bolting option (Bolting that is not directly exposed to sour environments and is not to be buried, insulated, equipped with flange protectors, or otherwise denied direct atmospheric exposure).
- 2 NLF This material is Not A Limiting Factor. For the temperature limitation refer to the Material Temperature Capabilities on Page 2.

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Table 13

360C Standard Trim Options

Trim Spec	Valve Plug	Stem	Cage	Seat Ring	Seat Type	Temperature Limit
C1	S31600 ⁽¹⁾ / Alloy 6 Hard Faced Seat	S20910	S31600 ⁽¹⁾ / CRPL ⁽²⁾	S31600 ⁽¹⁾	Metal	NLF ⁽³⁾
C2	S31600 ⁽¹⁾	S20910	S31600 ⁽¹⁾ / CRPL ⁽²⁾	S31600 ⁽¹⁾ / PCTFE	Soft	NLF ⁽³⁾
C3 ⁽⁴⁾	S31600 ⁽¹⁾ / Alloy 6 Hard Faced Seat & Guide	S20910	S31600 ⁽¹⁾ / CRPL ⁽²⁾	S31600 ⁽¹⁾	Metal	NLF ⁽³⁾

NOTE:

- 1 All S31600 barstock is dual grade S31600/S31603 (316/316L).
- 2 CRPL = Chrome Plated.
- 3 NLF This material is Not A Limiting Factor. For the temperature limitation refer to the Material Temperature Capabilities on Page 2.
- 4 Use Trim C3 for all Low-Noise and Anti-Cavitation valve applications.

363C Standard Trim Options

Ta	ble	14

Trim Spec	Valve Plug	Stem	Retainer / Bushing	Seat Ring	Seat Type	Temperature Limit
C1	S31600 ⁽¹⁾ / Alloy 6 Hard Faced Seat	S20910	CF8M / Alloy 6	S31600 ⁽¹⁾	Metal	NLF ⁽²⁾
C2	S31600 ⁽¹⁾ / Alloy 6 Hard Faced Seat & Guide	S20910	CF8M / Alloy 6	S31600 ⁽¹⁾	Metal	NLF ⁽²⁾

- 1 All S31600 barstock is dual grade S31600/S31603 (316/316L).
- 2 NLF This material is Not A Limiting Factor. For the temperature limitation refer to the Material Temperature Capabilities on Page 2.

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Table 15

363C Maximum Allowable Pressure Drops⁽²⁾ for N06600/Graphite Gaskets Psig (kPag) (Flow Up Only)⁽¹⁾

Valve Size	Port Size	Temperature ⁽³⁾						
Inch	Inch (mm)	-325 to 100°F (-253 to 38°C)	200°F (93°C)	300°F (149°C)				
	1/4 (6.4)	1,370 (9,446)	1,300 (8,963)(4)	1,240 (8,550) ⁽⁴⁾				
1/2	3/8 (9.5)	1,395 (9,618)	1,325 (9,136)(4)	1,265 (8,722) ⁽⁴⁾				
3/4	1/2 (12.7)	1,420 (9,791)	1,350 (9,308)(4)	1,290 (8,894) ⁽⁴⁾				
1	3/4 (19.1)	1510 (10,411) ⁽⁴⁾	1,430 (9,860)(4)	1,370 (9,446) ⁽⁴⁾				
	1 (25.4)	1,660 (11,445) ⁽⁴⁾	1,570 (10,825)(4)	1,500 (10,342) ⁽⁴⁾				
	1/4 (6.4)	1,130 (7791)	1,070 (7,377)	1,020 (7,033)				
	3/8 (9.5)	1,145 (7895)	1,080 (7,446)	1,035 (7,136)				
1.1/2	1/2 (12.7)	1,160 (7998)	1,090 (7,515)	1,050 (7,240)				
1-1/2	3/4 (19.1)	1,200 (8274)	1,140 (7,860)	1,090 (7,515)				
	1 (25.4)	1,270 (8756) 1,200 (8,274)		1,150 (7,929) ⁽⁴⁾				
	1 1/2 (38.1)	1,520 (10,480) ⁽⁴⁾	1,440 (9,929)(4)	1,370 (9,446) ⁽⁴⁾				
	1/4 (6.4)	980 (6,757)	920 (6,343)	880 (6,067)				
	3/8 (9.5)	985 (6,791)	930 (6,412)	890 (6,136)				
2	1/2 (12.7)	990 (6,826)	940 (6,481)	900 (6,205)				
2	3/4 (19.1)	1,020 (7,033)	970 (6,688)	920 (6,343)				
	1 (24.4)	1,060 (7,308)	1,010 (6,964)	960 (6,619)				
	2 (50.8)	1,470 (10,135) ⁽⁴⁾	1,390 (9,584) ⁽⁴⁾	1,330 (9,170)(4)				

NOTES:

- 1 Model 363 valves should not be used in Flow Down applications.
- 2 Pressure drops can not exceed the maximum inlet pressure as indicated on Page 2.
- **3** Pressure drops at intermediate temperatures may be interpolated.
- 4 Pressure drops are in excess of Class 600 pressure ratings as per ASME B16.34 for CF8M body material.

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Our Commitment to Quality

Dyna-Flo Control Valve Services Ltd. __

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MODEL NUMBERING SYSTEM

				S	AMPLE PAR	1 T	NUMBER:	360	C-	3 A	FN	ΙB	1 F	Ρ2	- k	(E	4
							MODEL	2606									
	363C	MOI	DEL 363 CRYOGENIC		360C	MOI	DEL 360 CRYOGENIC	360C									
							BODY STYLE	_									
	GLOBE																
	T		T		T		VALVE SIZE	-									
9	1/2 INCH	7	3/4 INCH	1	1 INCH	5	1-1/2 INCH	3		┚╽							
2	2 INCH	3	3 INCH	4	4 INCH	6	6 INCH	-									
8	8 INCH						ACME DATING										
_	450		200	_	000		ASME RATING	Α									
Α	150	В	300	С	600		END CONNECTION										
F	RF						END CONNECTION	F			-						
ı.	IXI						BODY MATERIAL										
м	CF8M						DODT MATERIAL	M									
	OT OW						BOLTING	_									
В	B8M / 8M						20211110	В									
							TRIM										
1	TRIM C1			3	TRIM C2			1					┚╽				
2	TRIM C3 (360C ONLY))						1 -	İ								
	`						PORT SIZE										
F	FULL PORT	R	REDUCED PORT	01	3/16 INCH PORT	02	1/4 INCH PORT	F	<u> </u>								
03	3/8 INCH PORT	04	1/2 INCH PORT	06	3/4 INCH PORT												
							PACKING STYLE										
Р	FULL PORT R REDUCED POR 3 3/8 INCH PORT 04 1/2 INCH PORT SINGLE PTFE V-RING (PRESSURE) SINGLE GRAPHITE (PRESSURE) DOUBLE PTFE V-RING (VACUUM / PRESSURE)			J	DOUBLE PTFE V-RING	•	<u> </u>										
G	· ·			V	DOUBLE PTFE V-RING	·		Р						-			
R	-		· · · · · · · · · · · · · · · · · · ·	L LIVE LOADED PTFE V-RING (PRESSURE)		_											
<u>T</u>	LIVE LOADED GRAPH	IITE (I	PRESSURE)														
	0.4/0" (0/0" OTEM)		0.40/40" (4/0" 07514)		0.0(40" (0(4" 07514)	-	YOKE BOSS SIZE	2									
1	2-1/8" (3/8" STEM)	2	2-13/16" (1/2" STEM)	3	3-9/16" (3/4" STEM)	5											
	NONE			1			PAINT	-									
÷	NONL				R	ACKII	P RING / SEAL RING										
K	S31600 / PCTFE-ELGI	IOY				TONO	I KINO / SEAL KINO	K								'	
<u>```</u>	00100071 011 E EE01		ı		ı		CHARACTERISTIC										
E	EQUAL PERCENT	L	LINEAR	Q	QUICK OPENING			1									
A	ANTI-CAVITATION 1 S		<u>, </u>	Z	LOW-NOISE III A1 (LINE	AR)		1									
Υ	LOW-NOISE III B3 (LIN			С	LOW-NOISE III C3 (LINE			1									
1	LOW-NOISE III D1 (LIN		<u> </u>	D	LOW-NOISE III D3 (LINE			1	İ								
М	DYNA-FORM		7					E									
					CHARACTERIS	STIC (I	EXTENDED TRAVEL)	1	ĺ								
R	EQUAL PERCENT - EX	XTEN	DED TRAVEL	S	LINEAR - EXTENDED T	RAVE	L										
Т	QUICK OPENING - EX			W	LOW-NOISE III A1 (LINE	AR) -	EXTENDED TRAVEL										
٧			(LINEAR) - EXTENDED														
4	LOW-NOISE III A1 (LIN	IEAR)	EXTENDED 4" TRAVEL	(8" V	ALVE ONLY)												
						,	SHUT-OFF CLASS	4									
4	CLASS IV	5	CLASS V	6	CLASS VI			_									

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