

Type FR Series Valve - Cryogenic Service
Model Number/Order Guide

Model Number Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21
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Example	F	R	-	Z	A	W	S	S	Z	Z	B	H	0	1	-	E	0	0	1	5
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Model
 FR - FR
 FR6 - FR6

Material of Construction
 Z - Bronze (FR, FR6)
 G - 316 SST (FR, FR6)

Valve Size
 C - 1/2"
 D - 3/4"
 E - 1"
 F - 1 1/4"
 G - 1 1/2"
 H - 2"

Service
 C - Cryogenic Service

Body / Connection Style
 S - 2 Side Inlets / Bottom Outlet - w/ NPT Connections

Spring Chamber Style
 S - Standard
 C - w/ Pressure Screw Cap
 D - w/ Differential Connection
 V - Vented
 W - Vented w/ Pressure Screw Cap

Spring Chamber Material
 Z - Bronze
 G - 316 Stainless Steel

Diaphragm Material
 Z - Bronze (Cryo)
 G - 316 Stainless Steel (Cryo)

Body Seat Material
 E - 303 Stainless Steel
 G - 316 Stainless Steel
 Z - Brass

Pressure Screw Style
 S - Standard

Variation
 04 - 303 Stainless Steel Trim w/ Teflon O-Ring & Teflon Diaphragm Gasket (Ball Seat, Seat Ring)
 14 - 316 Stainless Steel Trim w/ Teflon O-Ring & Teflon Diaphragm Gasket (Ball Seat, Seat Ring)

Design Revision
 - Dash (-) Indicates Original Design

Spring Material
 E - Stainless Steel

Set Pressure
 0005 - 5 psig
 0025 - 25 psig
 0300 - 300 psig

Standard Spring Ranges - Must Specify During Order Process						
FR 1/2" (SST)	0-20	10-50	40-90	75-200	100-300	100-400
FR 3/4" (SST)	0-10	0-15	10-70	50-175	100-265	
FR 1" (SST)	0-15	10-35	20-75	40-200	50-250	
FR 1 1/4" (SST)	0-15	10-30	20-85	40-125	50-250	
FR 1 1/2" & 2" (SST)	0-15	5-20	10-55	30-100	40-160	100-250

SST - Stainless Steel