



Series **33/43/53**

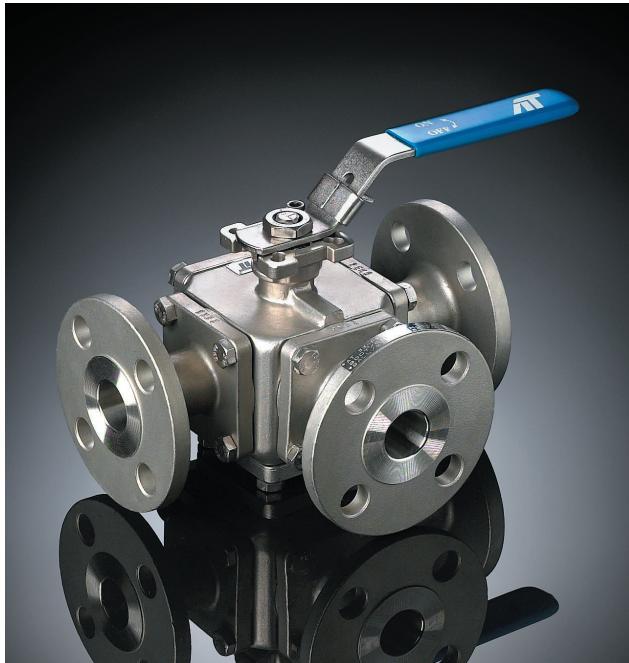
**3, 4, 5-Way
Direct Mount
Multiport Ball Valves
1/4" - 4"**

A-T Controls, Inc.

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SERIES 33/43/53 Multiport



This versatile, high performance multiport ball valve offers solutions to mixing and diverting with various available flow patterns and end configurations. It can be maintained in-line, leaving the end pieces intact.

The direct mount design makes automation easier and maintains a lower profile. This valve features the pyramidal stem design that is so effective in other Triac valve series. There are a myriad of end piece and flow pattern combinations.

Easy to Automate!

See automated data sheets for pre-sized assemblies



Pneumatic



Electric

SERIES 33/43/53

3, 4 & 5-Way Direct Mount Multiport Ball Valves

Sizes 1/4"- 4"

Available in 316SST

Full Port with various Port Arrangements

Pressure Rating by size

1000 psi (1/4"-1/2")

800 psi (3/4"-1")

600 psi (1-1/4"-2")

400 psi (2-1/2"-3")

275 psi (4")

NPT, Socket Weld or Butt Weld Ends (1/4"-4")

150/300# Flanged, Sanitary (1/2"-4") 20 RA Max

NACE MR-0175 (optional)

ISO 5211 Actuator Mounting Pad

**Blowout Proof Stem w/ Dual
Anti-Static Devices**

5 Seat Design (RTFE Standard)

Pyramidal Stem Seal Packing System

Lockable Manual Handle

HOW TO ORDER MANUAL VALVES

SAMPLE PART #

33-TH-0150-XXX-M

Valve Series

End Connection

Valve Size

Special Designation

Special Designation

Seat Material

See manual and automated part number matrices for itemized options

STANDARDS

Design	ASME B16.34 (fully conforms)
End Connections	ASME B1.20.1, B16.11, B16.25
Flanged Ends	ASME B16.5
Pressure Testing	API 598
Mounting	ISO 5211
Safety Integrity	SIL 3; IEC 61508:2010
CE Approval	PED 2014/68/EU Module H (Series 33 only)
NACE MR0175	(optional)
Marking System for Valves	ISO 5209
Material Certification	EN 10204-3.1 MTR
Quality Assurance	ISO 9001:2015, CRN Numbers on file

Valve Model and End Connections Reference

SERIES	33	43	53
	3-Way	4-Way	5-Way
NPT	33-TH	43-TH	53-TH
Socket Weld	33-SW	43-SW	53-SW
Butt Weld	33-BW	43-BW	53-BW
Flanged (ASME Class 150)	33-F1	43-F1	53-F1
Flanged (ASME Class 300)	33-F3	43-F3	53-F3
Sanitary Clamp	33-SA	43-SA	53-SA
Sanitary Cavity Filled	33-SF	43-SF	53-SF

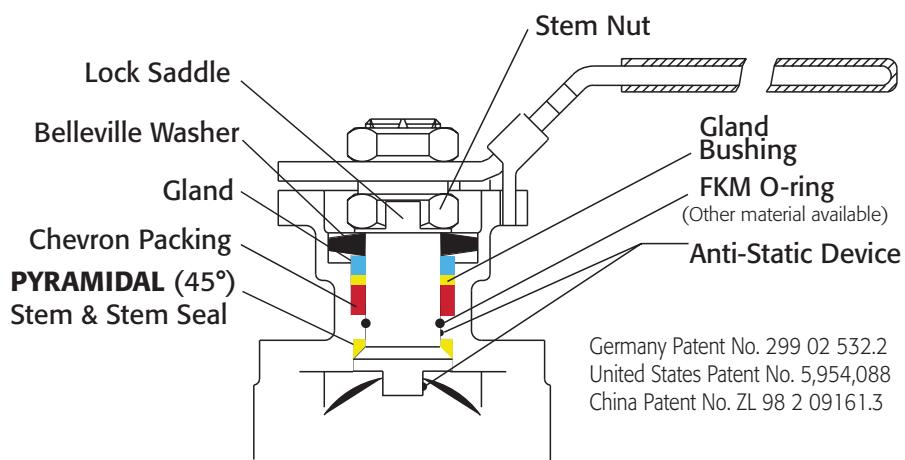
Port Arrangements

L, T, X, & I-Port
 Vertical L (VL) & Vertical T (VT)
 Double TT, Double LL

Seat Material Options

RTFE (standard)
 PTFE, CTFE, 50/50 STFE, TFM™1600, MG1241, UHMWPE,
 & others

Pyramidal Stem Seal Sealing System



Series 33, 43 and 53 Direct Mount Multiport 3, 4 and 5-Way Ball Valves offer superior performance and reliability required to optimize manual and automation process performance.



Design Features

Dual Pattern ISO 5211 Mounting Pad with Square Shaft

No bracket and adapter are required for actuator mounting, provides easy and low cost automation with improved cycle life

5-Seat Construction

For equal seat loading and positive sealing at any port, and maintain proper ball alignment

5-Entry Construction

O-Ring Stem Seal

Enhances stem wear and maintains stem alignment

Anti-Static Device

Standard applied stem-to-ball; stem-to-body

Variety of End Connections Available for Options

Stem

- Pyramidal stem packing arrangement provides optimum stem seal and extremely high cycle life
- Super smooth stem surface reduces seal friction and operating torque
- Blowout proof stem prevents stem from blowing out, for maximum safety

Ball

Precisely machined, solid ball for bubble tight shut-off with less operating torque

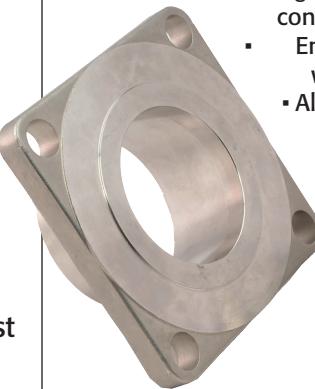
Seats

Wide range of seat materials available to suit various applications



Ball and Stem Connections

End Cap design is separated from seat retainer in two-piece "Easy-to-Maintain" construction



The conventional end cap and seat retainer was a one piece design that made the end caps extend into the valve body, creating a problem when repair and maintenance is required. It is very difficult to remove end caps from the valve body when valves are mounted in line, especially when welded . . . **not true with the Series 33, 43 and 53!**

Series 33, 43 and 53 5-Piece Design Cavity Filled Seats



The cavity filled seats are designed to fill the dead space between the ball and valve body that can contaminate the process. Our cavity filled seats fill 95% of the dead space while competitors' cavity filled seats for multi-port ball valves can only fill a maximum of 80% of the dead space.

Bill of Materials 33/43/53 Series

MATERIALS LIST

NO.	PART NAME	QTY	MATERIAL	MATERIAL
1	BODY	1	ASTM A351 GRADE CF8M ^A	ASTM A216 GRADE WCB
2	END CAP	*	ASTM A351 GRADE CF8M ^A	ASTM A216 GRADE WCB
3	BLIND	*	ASTM A351 GRADE CF8M ^A	ASTM A216 GRADE WCB
4	SEAT RETAINER	5	ASTM A351 GRADE CF8M ^A	ASTM A351 GRADE CF8M
5	BALL	1	1/4" THRU 3/8" ASTM A276 SS316	1/4" THRU 3/8" ASTM A276 SS316
5	BALL	1	1/2" THRU 4" ASTM A351 GRADE CF8M ^A	1/2" THRU 4" ASTM A351 GRADE CF8M
6	SEAT	5	RTFE	RTFE
7	JOINT GASKET	5	PTFE	PTFE
8	STEM SEAL	1	RTFE	RTFE
9	STEM	1	ASTM A276 SS316 ^{AA}	ASTM A276 SS316
10	GLAND PACK- ING	1 SET	PTFE	PTFE
11	GLAND BUSH- ING	1	AISI 304	AISI 304
12	BELLEVILLE WASHER	2	AISI 301	AISI 301
13	LOCK SADDLE	1	AISI 304	AISI 304
14	STEM NUT	**	AISI 304	AISI 304
15	STEM WASHER	1	AISI 304	AISI 304
16	RETAINER SEAL	5	PTFE	PTFE
17	HANDLE SLEEVE	1	VINYL	VINYL
18	LOCKING DEVICE	1	AISI 304	AISI 304
19	BOLT	20	ASTM A193 GRADE B8	ASTM A193 GRADE B8
20	PIN NUT	1	AISI 304	AISI 304
21	STOP PIN	1	AISI 304	AISI 304
22	O-RING	1***	FKM	FKM
23	LOCKING PLATE	1	AISI 304	AISI 304
24	HANDLE	1	AISI 304	AISI 304
25	HANDLE HUB	1	AISI 304	AISI 304
26	HANDLE NUT	2	AISI 304	AISI 304
27	ANTI-STATIC DEVICE	1	AISI 316	AISI 316
28	WASHER	1	AISI 304	AISI 304
29	TRUNNION BEARING	1	50/50 STFE	50/50 STFE
30	TRUNNION RETAINER	1	AISI 316	AISI 316

*FOR 33 SERIES: QTY 3 END CAP-A, QTY 2 BLIND

*FOR 43 SERIES: QTY 4 END CAP-A, QTY 1 BLIND

*FOR 53 SERIES: QTY 5 END CAP-A, QTY 0 BLIND

^AASTM A351 GRADE CF3M for 33-SA/43-SA/53-SA VALVES

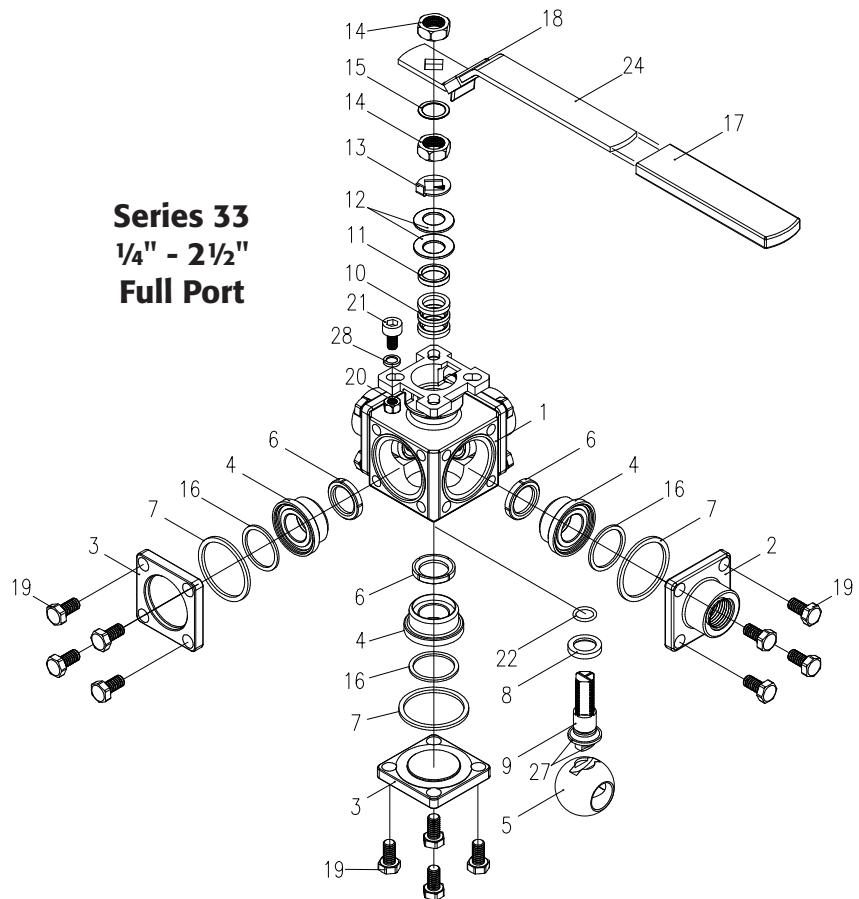
**FOR 1/4"-2-1/2": QTY 2

**FOR 3"-4": QTY 1

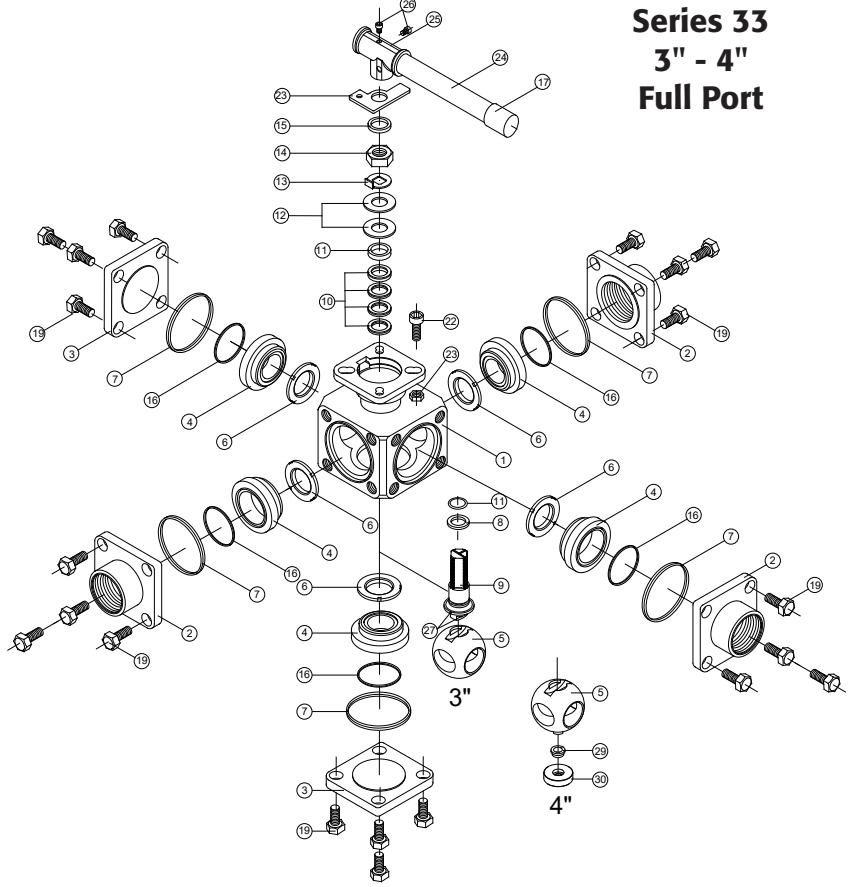
^^ASTM A276 SS316L for 33-SA/43-SA/53-SA valves

***SERIES 33-SA/43-SA/53 QTY: 0

**Series 33
1/4" - 2 1/2"
Full Port**

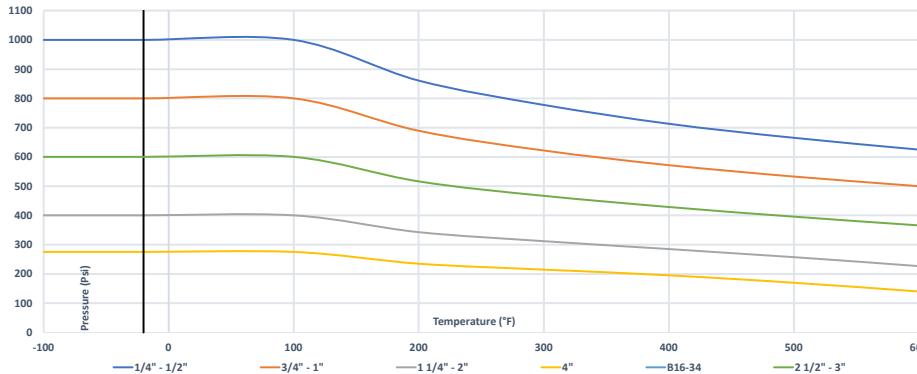


**Series 33
3" - 4"
Full Port**

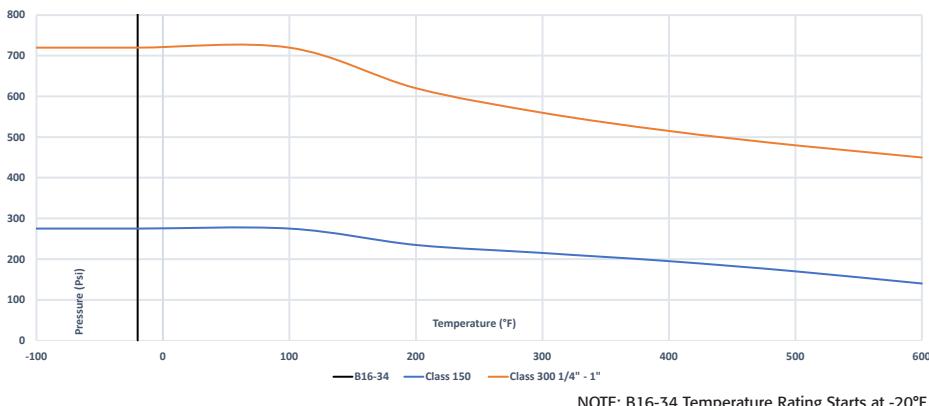


SERIES 33/43/53 Multiport Ball Valves

SERIES 33 TH/SW/BW | BODY PRESSURE VS. TEMPERATURE ASME B16.34

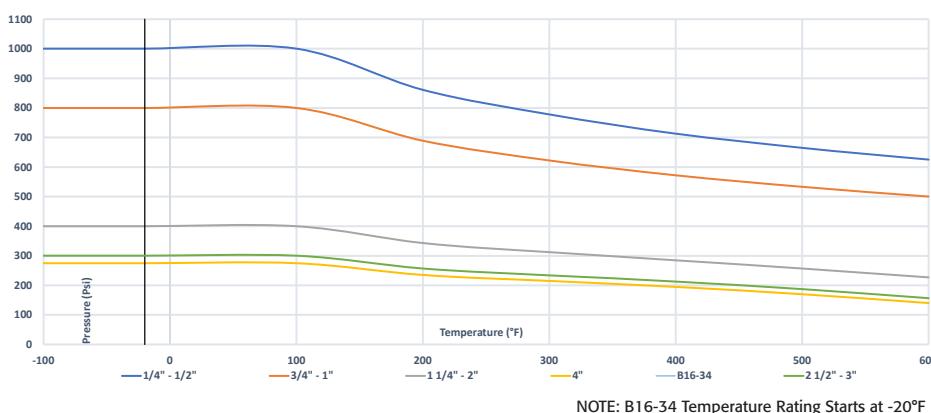


SERIES 33 F1/F3 | BODY PRESSURE VS. TEMPERATURE ASME B16.34



*Class 300 valves larger than 1" are limited by their body pressure rating (see TH/SW/BW ratings)

SERIES 33 SA | BODY PRESSURE VS. TEMPERATURE



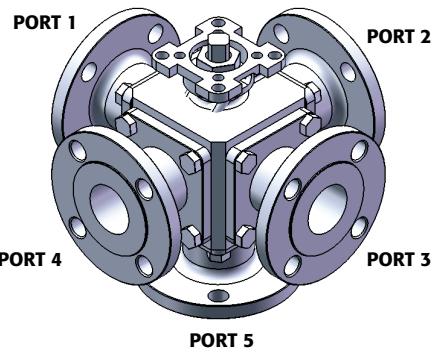
	Body Pressure Rating (psig) ASME B16.34 Cavity Filled Seat		
Temp	1/4" - 2"	2-1/2" - 3"	4"
-20°F	600	300	275
100°F	600	300	275
200°F	516	257	235
300°F	467	234	215
400°F	429	213	195
500°F	396	187	170
600°F	366	157	140

NOTE: At temperature, valves are limited by either the valve body/end cap pressure ratings, seat pressure ratings, or packing/stem seal/gaskets; whichever is lower. See next page for temperature ratings of valve components.

SERIES 33/43/53 Multi-Port

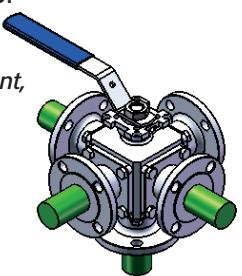
Flow Patterns

3-WAY (33 SERIES)		POSITION			
PORT	Arrangement	1	2	3	4
L	L				
LL	M				
LL	N				
VL	O				
VL	P				
T	T				
TT	U				
TT	S				
VT	V				
VT	W				



EXAMPLE: A Series 53 (5-way) valve specified with a **TT** port and **U** arrangement in ball **Position 1** will have flow paths open at **Ports 1, 3, 4, and 5**.

53 Series
TT Port, U Arrangement,
Shown in Position 1



4-WAY (43 SERIES)		POSITION			
PORT	Arrangement	1	2	3	4
I	I				
L	L				
LL	M				
VL	O				
T	T				
TT	U				
VT	V				
X	X				

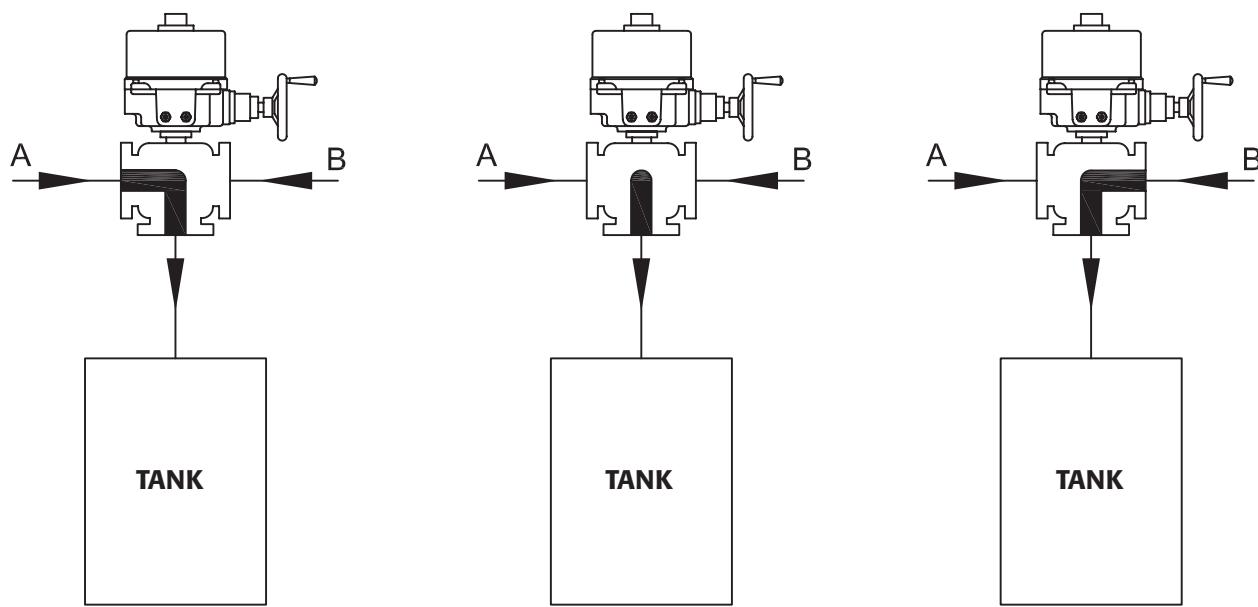
SERIES 33/43/53 Multiport Ball Valves

Flow Patterns

5-WAY (53 SERIES)		POSITION			
PORT	ARRANGEMENT	1	2	3	4
LL	M				
VL	O				
TT	U				
VT	V				

Actuators on the following pages are sized based on full differential pressure with clean water. Consult the Application Sizing Guide for assistance with sizing actuators.

FIGURE 1



3-POSITION 3-WAY BALL VALVE WITH VERTICAL L-PORT (ARRANGEMENT O)

Series 33**Threaded, Socket Weld and Butt Weld****Automated Model numbers****3-Way
Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TX-025/3RDD-XX-*	1/4"	33-TX-025/3RDD-XX-*
3/8"	33-TX-038/3RDD-XX-*	3/8"	33-TX-038/3RDD-XX-*
1/2"	33-TX-050/3RDD-XX-*	1/2"	33-TX-050/3RED-XX-*
3/4"	33-TX-075/3RED-XX-*	3/4"	33-TX-075/3RFD-XX-*
1"	33-TX-100/3RFD-XX-*	1"	33-TX-100/3RFD-XX-*
1-1/4"	33-TX-125/3RFD-XX-*	1-1/4"	33-TX-125/3RGD-XX-*
1-1/2"	33-TX-150/3RGD-XX-*	1-1/2"	33-TX-150/3RHD-XX-*
2"	33-TX-200/3RHD-XX-*	2"	33-TX-200/3RJD-XX-*
2-1/2"	33-TX-250/3RHD-XX-*	2-1/2"	33-TX-250/3RJD-XX-*
3"	33-TX-300/3RJD-XX-*	3"	33-TX-300/3RJD-XX-*
4"	33-TX-400/3RKD-XX-*	4"	33-TX-400/3RKD-XX-*

**3-Way
Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TX-025/3RES-XX-*	1/4"	33-TX-025/3RF4-XX-*
3/8"	33-TX-038/3RFS-XX-*	3/8"	33-TX-038/3RF4-XX-*
1/2"	33-TX-050/3RFS-XX-*	1/2"	33-TX-050/3RF4-XX-*
3/4"	33-TX-075/3RGS-XX-*	3/4"	33-TX-075/3RG4-XX-*
1"	33-TX-100/3RHS-XX-*	1"	33-TX-100/3RJ4-XX-*
1-1/4"	33-TX-125/3RJS-XX-*	1-1/4"	33-TX-125/3RJ4-XX-*
1-1/2"	33-TX-150/3RKS-XX-*	1-1/2"	33-TX-150/3RK4-XX-*
2"	33-TX-200/3RKS-XX-*	2"	33-TX-200/3RL4-XX-*
2-1/2"	33-TX-250/3RKS-XX-*	2-1/2"	33-TX-250/3RL4-XX-*
3"	33-TX-300/3RLS-XX-*	3"	33-TX-300/3RM4-XX-*
4"	33-TX-400/3RNS-XX-*	4"	33-TX-400/3RP4-XX-*

**3-Way
Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TX-025/WEA1-XX-*	1/4"	33-TX-025/WEA2-XX-*
3/8"	33-TX-038/WEA1-XX-*	3/8"	33-TX-038/WEA2-XX-*
1/2"	33-TX-050/WEA1-XX-*	1/2"	33-TX-050/WEA2-XX-*
3/4"	33-TX-075/WEA1-XX-*	3/4"	33-TX-075/WEA2-XX-*
1"	33-TX-100/WEB1-XX-*	1"	33-TX-100/WEB2-XX-*
1-1/4"	33-TX-125/WEC1-XX-*	1-1/4"	33-TX-125/WEC2-XX-*
1-1/2"	33-TX-150/WEC1-XX-*	1-1/2"	33-TX-150/WEC2-XX-*
2"	33-TX-200/WEC1-XX-*	2"	33-TX-200/WED2-XX-*
2-1/2"	33-TX-250/WED1-XX-*	2-1/2"	33-TX-250/WEE2-XX-*
3"	33-TX-300/WEE1-XX-*	3"	33-TX-300/WEE2-XX-*
4"	33-TX-400/WEF1-XX-*	4"	33-TX-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 33

Flanged • ANSI Class 150

Automated Model numbers

**3-Way
Double Acting**

**3-Way
Spring Return**

**3-Way
Electric**

Sized for 80 PSI				Sized for 60 PSI	
SIZE	MODEL		SIZE	MODEL	
1/2"	33-F1-050/3RDD-XX-*		1/2"	33-F1-050/3RED-XX-*	
3/4"	33-F1-075/3RED-XX-*		3/4"	33-F1-075/3RFD-XX-*	
1"	33-F1-100/3RFD-XX-*		1"	33-F1-100/3RFD-XX-*	
1-1/2"	33-F1-150/3RGD-XX-*		1-1/2"	33-F1-150/3RHD-XX-*	
2"	33-F1-200/3RHD-XX-*		2"	33-F1-200/3RJD-XX-*	
2-1/2"	33-F1-250/3RHD-XX-*		2-1/2"	33-F1-250/3RJD-XX-*	
3"	33-F1-300/3RJD-XX-*		3"	33-F1-300/3RJD-XX-*	
4"	33-F1-400/3RKD-XX-*		4"	33-F1-400/3RKD-XX-*	
Sized for 80 PSI				Sized for 60 PSI	
SIZE	MODEL		SIZE	MODEL	
1/2"	33-F1-050/3RFS-XX-*		1/2"	33-F1-050/3RF4-XX-*	
3/4"	33-F1-075/3RGS-XX-*		3/4"	33-F1-075/3RG4-XX-*	
1"	33-F1-100/3RHS-XX-*		1"	33-F1-100/3RJ4-XX-*	
1-1/2"	33-F1-150/3RKS-XX-*		1-1/2"	33-F1-150/3RK4-XX-*	
2"	33-F1-200/3RKS-XX-*		2"	33-F1-200/3RL4-XX-*	
2-1/2"	33-F1-250/3RKS-XX-*		2-1/2"	33-F1-250/3RL4-XX-*	
3"	33-F1-300/3RLS-XX-*		3"	33-F1-300/3RM4-XX-*	
4"	33-F1-400/3RNS-XX-*		4"	33-F1-400/3RP4-XX-*	
On-Off				Modulating	
SIZE	MODEL		SIZE	MODEL	
1/2"	33-F1-050/WEA1-XX-*		1/2"	33-F1-050/WEA2-XX-*	
3/4"	33-F1-075/WEA1-XX-*		3/4"	33-F1-075/WEA2-XX-*	
1"	33-F1-100/WEB1-XX-*		1"	33-F1-100/WEB2-XX-*	
1-1/2"	33-F1-150/WEC1-XX-*		1-1/2"	33-F1-150/WEC2-XX-*	
2"	33-F1-200/WEC1-XX-*		2"	33-F1-200/WED2-XX-*	
2-1/2"	33-F1-250/WED1-XX-*		2-1/2"	33-F1-250/WEE2-XX-*	
3"	33-F1-300/WEE1-XX-*		3"	33-F1-300/WEE2-XX-*	
4"	33-F1-400/WEF1-XX-*		4"	33-F1-400/WEF2-XX-*	

* Port Arrangement designation: See page 9 for options

Series 33**Non-Cavity Filled Sanitary****Automated Model numbers****3-Way****Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-C1-050/3RDD-XX-*	1/2"	33-C1-050/3RED-XX-*
3/4"	33-C1-075/3RED-XX-*	3/4"	33-C1-075/3RFD-XX-*
1"	33-C1-100/3RFD-XX-*	1"	33-C1-100/3RFD-XX-*
1-1/2"	33-C1-150/3RGD-XX-*	1-1/2"	33-C1-150/3RHD-XX-*
2"	33-C1-200/3RHD-XX-*	2"	33-C1-200/3RJD-XX-*
2-1/2"	33-C1-250/3RHD-XX-*	2-1/2"	33-C1-250/3RJD-XX-*
3"	33-C1-300/3RJD-XX-*	3"	33-C1-300/3RJD-XX-*
4"	33-C1-400/3RKD-XX-*	4"	33-C1-400/3RKD-XX-*

3-Way**Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-C1-050/3RFS-XX-*	1/2"	33-C1-050/3RF4-XX-*
3/4"	33-C1-075/3RGS-XX-*	3/4"	33-C1-075/3RG4-XX-*
1"	33-C1-100/3RHS-XX-*	1"	33-C1-100/3RJ4-XX-*
1-1/2"	33-C1-150/3RKS-XX-*	1-1/2"	33-C1-150/3RK4-XX-*
2"	33-C1-200/3RKS-XX-*	2"	33-C1-200/3RL4-XX-*
2-1/2"	33-C1-250/3RKS-XX-*	2-1/2"	33-C1-250/3RL4-XX-*
3"	33-C1-300/3RLS-XX-*	3"	33-C1-300/3RM4-XX-*
4"	33-C1-400/3RNS-XX-*	4"	33-C1-400/3RP4-XX-*

**3-Way
Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	33-C1-050/WEA1-XX-*	1/2"	33-C1-050/WEA2-XX-*
3/4"	33-C1-075/WEA1-XX-*	3/4"	33-C1-075/WEA2-XX-*
1"	33-C1-100/WEB1-XX-*	1"	33-C1-100/WEB2-XX-*
1-1/2"	33-C1-150/WEC1-XX-*	1-1/2"	33-C1-150/WEC2-XX-*
2"	33-C1-200/WEC1-XX-*	2"	33-C1-200/WED2-XX-*
2-1/2"	33-C1-250/WED1-XX-*	2-1/2"	33-C1-250/WEE2-XX-*
3"	33-C1-300/WEE1-XX-*	3"	33-C1-300/WEE2-XX-*
4"	33-C1-400/WEF1-XX-*	4"	33-C1-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 33

Cavity Filled • Threaded, Socket Weld, & Butt Weld

Automated Model numbers

**3-Way
Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TF-025/3RDD-XX-*	1/4"	33-TF-025/3RED-XX-*
3/8"	33-TF-038/3RDD-XX-*	3/8"	33-TF-038/3RED-XX-*
1/2"	33-TF-050/3RED-XX-*	1/2"	33-TF-050/3RED-XX-*
3/4"	33-TF-075/3RFD-XX-*	3/4"	33-TF-075/3RFD-XX-*
1"	33-TF-100/3RFD-XX-*	1"	33-TF-100/3RGD-XX-*
1-1/2"	33-TF-150/3RHD-XX-*	1-1/2"	33-TF-150/3RJD-XX-*
2"	33-TF-200/3RJD-XX-*	2"	33-TF-200/3RJD-XX-*
2-1/2"	33-TF-250/3RJD-XX-*	2-1/2"	33-TF-250/3RJD-XX-*
3"	33-TF-300/3RJD-XX-*	3"	33-TF-300/3RKD-XX-*
4"	33-TF-400/3RKD-XX-*	4"	33-TF-400/3RLD-XX-*

**3-Way
Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TF-025/3RFS-XX-*	1/4"	33-TF-025/3RF4-XX-*
3/8"	33-TF-038/3RFS-XX-*	3/8"	33-TF-038/3RF4-XX-*
1/2"	33-TF-050/3RFS-XX-*	1/2"	33-TF-050/3RG4-XX-*
3/4"	33-TF-075/3RGS-XX-*	3/4"	33-TF-075/3RH4-XX-*
1"	33-TF-100/3RJS-XX-*	1"	33-TF-100/3RJ4-XX-*
1-1/2"	33-TF-150/3RKS-XX-*	1-1/2"	33-TF-150/3RL4-XX-*
2"	33-TF-200/3RLS-XX-*	2"	33-TF-200/3RM4-XX-*
2-1/2"	33-TF-250/3RLS-XX-*	2-1/2"	33-TF-250/3RM4-XX-*
3"	33-TF-300/3RMS-XX-*	3"	33-TF-300/3RN4-XX-*
4"	33-TF-400/3RPS-XX-*	4"	33-TF-400/3RR4-XX-*

**3-Way
Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/4"	33-TF-025/WEA1-XX-*	1/4"	33-TF-025/WEA2-XX-*
3/8"	33-TF-038/WEA1-XX-*	3/8"	33-TF-038/WEA2-XX-*
1/2"	33-TF-050/WEA1-XX-*	1/2"	33-TF-050/WEA2-XX-*
3/4"	33-TF-075/WEA1-XX-*	3/4"	33-TF-075/WEA2-XX-*
1"	33-TF-100/WEB1-XX-*	1"	33-TF-100/WEC2-XX-*
1-1/2"	33-TF-150/WEC1-XX-*	1-1/2"	33-TF-150/WED2-XX-*
2"	33-TF-200/WED1-XX-*	2"	33-TF-200/WEE2-XX-*
2-1/2"	33-TF-250/WEE1-XX-*	2-1/2"	33-TF-250/WEE2-XX-*
3"	33-TF-300/WEE1-XX-*	3"	33-TF-300/WEF2-XX-*
4"	33-TF-400/WEF1-XX-*	4"	33-TF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 33**Cavity Filled Flanged - ANSI Class 150****Automated Model numbers****3-Way****Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-FF-050/3RED-XX-*	1/2"	33-FF-050/3RED-XX-*
3/4"	33-FF-075/3RFD-XX-*	3/4"	33-FF-075/3RFD-XX-*
1"	33-FF-100/3RFD-XX-*	1"	33-FF-100/3RGD-XX-*
1-1/2"	33-FF-150/3RHD-XX-*	1-1/2"	33-FF-150/3RJD-XX-*
2"	33-FF-200/3RJD-XX-*	2"	33-FF-200/3RJD-XX-*
2-1/2"	33-FF-250/3RJD-XX-*	2-1/2"	33-FF-250/3RJD-XX-*
3"	33-FF-300/3RJD-XX-*	3"	33-FF-300/3RKD-XX-*
4"	33-FF-400/3RKD-XX-*	4"	33-FF-400/3RLD-XX-*

3-Way**Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-FF-050/3RFS-XX-*	1/2"	33-FF-050/3RG4-XX-*
3/4"	33-FF-075/3RGS-XX-*	3/4"	33-FF-075/3RH4-XX-*
1"	33-FF-100/3RJS-XX-*	1"	33-FF-100/3RJ4-XX-*
1-1/2"	33-FF-150/3RKS-XX-*	1-1/2"	33-FF-150/3RL4-XX-*
2"	33-FF-200/3RLS-XX-*	2"	33-FF-200/3RM4-XX-*
2-1/2"	33-FF-250/3RLS-XX-*	2-1/2"	33-FF-250/3RM4-XX-*
3"	33-FF-300/3RMS-XX-*	3"	33-FF-300/3RN4-XX-*
4"	33-FF-400/3RPS-XX-*	4"	33-FF-400/3RR4-XX-*

3-Way**Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	33-FF-050/WEA1-XX-*	1/2"	33-FF-050/WEA2-XX-*
3/4"	33-FF-075/WEA1-XX-*	3/4"	33-FF-075/WEA2-XX-*
1"	33-FF-100/WEB1-XX-*	1"	33-FF-100/WEC2-XX-*
1-1/2"	33-FF-150/WEC1-XX-*	1-1/2"	33-FF-150/WED2-XX-*
2"	33-FF-200/WED1-XX-*	2"	33-FF-200/WEE2-XX-*
2-1/2"	33-FF-250/WEE1-XX-*	2-1/2"	33-FF-250/WEE2-XX-*
3"	33-FF-300/WEE1-XX-*	3"	33-FF-300/WEF2-XX-*
4"	33-FF-400/WEF1-XX-*	4"	33-FF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 33

Cavity Filled Sanitary

Automated Model numbers

**3-Way
Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-CF-050/3RED-XX-*	1/2"	33-CF-050/3RED-XX-*
3/4"	33-CF-075/3RFD-XX-*	3/4"	33-CF-075/3RFD-XX-*
1"	33-CF-100/3RFD-XX-*	1"	33-CF-100/3RGD-XX-*
1-1/2"	33-CF-150/3RHD-XX-*	1-1/2"	33-CF-150/3RJD-XX-*
2"	33-CF-200/3RJD-XX-*	2"	33-CF-200/3RJD-XX-*
2-1/2"	33-CF-250/3RJD-XX-*	2-1/2"	33-CF-250/3RJD-XX-*
3"	33-CF-300/3RJD-XX-*	3"	33-CF-300/3RKD-XX-*
4"	33-CF-400/3RKD-XX-*	4"	33-CF-400/3RLD-XX-*

**3-Way
Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	33-CF-050/3RFS-XX-*	1/2"	33-CF-050/3RG4-XX-*
3/4"	33-CF-075/3RGS-XX-*	3/4"	33-CF-075/3RH4-XX-*
1"	33-CF-100/3RJS-XX-*	1"	33-CF-100/3RJ4-XX-*
1-1/2"	33-CF-150/3RKS-XX-*	1-1/2"	33-CF-150/3RL4-XX-*
2"	33-CF-200/3RLS-XX-*	2"	33-CF-200/3RM4-XX-*
2-1/2"	33-CF-250/3RLS-XX-*	2-1/2"	33-CF-250/3RM4-XX-*
3"	33-CF-300/3RMS-XX-*	3"	33-CF-300/3RN4-XX-*
4"	33-CF-400/3RPS-XX-*	4"	33-CF-400/3RR4-XX-*

**3-Way
Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	33-CF-050/WEA1-XX-*	1/2"	33-CF-050/WEA2-XX-*
3/4"	33-CF-075/WEA1-XX-*	3/4"	33-CF-075/WEA2-XX-*
1"	33-CF-100/WEB1-XX-*	1"	33-CF-100/WEC2-XX-*
1-1/2"	33-CF-150/WEC1-XX-*	1-1/2"	33-CF-150/WED2-XX-*
2"	33-CF-200/WED1-XX-*	2"	33-CF-200/WEE2-XX-*
2-1/2"	33-CF-250/WEE1-XX-*	2-1/2"	33-CF-250/WEE2-XX-*
3"	33-CF-300/WEE1-XX-*	3"	33-CF-300/WEF2-XX-*
4"	33-CF-400/WEF1-XX-*	4"	33-CF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43**Threaded, Socket Weld and Butt Weld****Automated Model numbers****4-Way****Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TX-025/3RDD-XX-*	1/4"	43-TX-025/3RDD-XX-*
3/8"	43-TX-038/3RDD-XX-*	3/8"	43-TX-038/3RDD-XX-*
1/2"	43-TX-050/3RDD-XX-*	1/2"	43-TX-050/3RED-XX-*
3/4"	43-TX-075/3RED-XX-*	3/4"	43-TX-075/3RFD-XX-*
1"	43-TX-100/3RFD-XX-*	1"	43-TX-100/3RFD-XX-*
1-1/4"	43-TX-125/3RFD-XX-*	1-1/4"	43-TX-125/3RGD-XX-*
1-1/2"	43-TX-150/3RGD-XX-*	1-1/2"	43-TX-150/3RHD-XX-*
2"	43-TX-200/3RHD-XX-*	2"	43-TX-200/3RJD-XX-*
2-1/2"	43-TX-250/3RHD-XX-*	2-1/2"	43-TX-250/3RJD-XX-*
3"	43-TX-300/3RJD-XX-*	3"	43-TX-300/3RJD-XX-*
4"	43-TX-400/3RKD-XX-*	4"	43-TX-400/3RKD-XX-*

4-Way**Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TX-025/3RES-XX-*	1/4"	43-TX-025/3RF4-XX-*
3/8"	43-TX-038/3RFS-XX-*	3/8"	43-TX-038/3RF4-XX-*
1/2"	43-TX-050/3RFS-XX-*	1/2"	43-TX-050/3RF4-XX-*
3/4"	43-TX-075/3RGS-XX-*	3/4"	43-TX-075/3RG4-XX-*
1"	43-TX-100/3RHS-XX-*	1"	43-TX-100/3RJ4-XX-*
1-1/4"	43-TX-125/3RJS-XX-*	1-1/4"	43-TX-125/3RJ4-XX-*
1-1/2"	43-TX-150/3RKS-XX-*	1-1/2"	43-TX-150/3RK4-XX-*
2"	43-TX-200/3RKS-XX-*	2"	43-TX-200/3RL4-XX-*
2-1/2"	43-TX-250/3RKS-XX-*	2-1/2"	43-TX-250/3RL4-XX-*
3"	43-TX-300/3RLS-XX-*	3"	43-TX-300/3RM4-XX-*
4"	43-TX-400/3RNS-XX-*	4"	43-TX-400/3RP4-XX-*

4-Way**Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TX-025/WEA1-XX-*	1/4"	43-TX-025/WEA2-XX-*
3/8"	43-TX-038/WEA1-XX-*	3/8"	43-TX-038/WEA2-XX-*
1/2"	43-TX-050/WEA1-XX-*	1/2"	43-TX-050/WEA2-XX-*
3/4"	43-TX-075/WEA1-XX-*	3/4"	43-TX-075/WEA2-XX-*
1"	43-TX-100/WEB1-XX-*	1"	43-TX-100/WEB2-XX-*
1-1/4"	43-TX-125/WEC1-XX-*	1-1/4"	43-TX-125/WEC2-XX-*
1-1/2"	43-TX-150/WEC1-XX-*	1-1/2"	43-TX-150/WEC2-XX-*
2"	43-TX-200/WEC1-XX-*	2"	43-TX-200/WED2-XX-*
2-1/2"	43-TX-250/WED1-XX-*	2-1/2"	43-TX-250/WEE2-XX-*
3"	43-TX-300/WEE1-XX-*	3"	43-TX-300/WEE2-XX-*
4"	43-TX-400/WEF1-XX-*	4"	43-TX-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43

Flanged • ANSI Class 150

Automated Model numbers

4-Way Double Acting

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-TX-050/3RDD-XX-*	1/2"	43-TX-050/3RED-XX-*
3/4"	43-TX-075/3RED-XX-*	3/4"	43-TX-075/3RFD-XX-*
1"	43-TX-100/3RFD-XX-*	1"	43-TX-100/3RFD-XX-*
1-1/2"	43-TX-150/3RGD-XX-*	1-1/2"	43-TX-150/3RHD-XX-*
2"	43-TX-200/3RHD-XX-*	2"	43-TX-200/3RJD-XX-*
2-1/2"	43-TX-250/3RHD-XX-*	2-1/2"	43-TX-250/3RJD-XX-*
3"	43-TX-300/3RJD-XX-*	3"	43-TX-300/3RJD-XX-*
4"	43-TX-400/3RKD-XX-*	4"	43-TX-400/3RKD-XX-*

4-Way Spring Return

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-TX-050/3RFS-XX-*	1/2"	43-TX-050/3RF4-XX-*
3/4"	43-TX-075/3RGS-XX-*	3/4"	43-TX-075/3RG4-XX-*
1"	43-TX-100/3RHS-XX-*	1"	43-TX-100/3RJ4-XX-*
1-1/2"	43-TX-150/3RKS-XX-*	1-1/2"	43-TX-150/3RK4-XX-*
2"	43-TX-200/3RKS-XX-*	2"	43-TX-200/3RL4-XX-*
2-1/2"	43-TX-250/3RKS-XX-*	2-1/2"	43-TX-250/3RL4-XX-*
3"	43-TX-300/3RLS-XX-*	3"	43-TX-300/3RM4-XX-*
4"	43-TX-400/3RNS-XX-*	4"	43-TX-400/3RP4-XX-*

4-Way Electric

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	43-TX-050/WEA1-XX-*	1/2"	43-TX-050/WEA2-XX-*
3/4"	43-TX-075/WEA1-XX-*	3/4"	43-TX-075/WEA2-XX-*
1"	43-TX-100/WEB1-XX-*	1"	43-TX-100/WEB2-XX-*
1-1/2"	43-TX-150/WEC1-XX-*	1-1/2"	43-TX-150/WEC2-XX-*
2"	43-TX-200/WEC1-XX-*	2"	43-TX-200/WED2-XX-*
2-1/2"	43-TX-250/WED1-XX-*	2-1/2"	43-TX-250/WEE2-XX-*
3"	43-TX-300/WEE1-XX-*	3"	43-TX-300/WEE2-XX-*
4"	43-TX-400/WEF1-XX-*	4"	43-TX-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43**Non-Cavity Filled Sanitary****Automated Model numbers****4-Way
Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-C1-050/3RDD-XX-*	1/2"	43-C1-050/3RED-XX-*
3/4"	43-C1-075/3RED-XX-*	3/4"	43-C1-075/3RFD-XX-*
1"	43-C1-100/3RFD-XX-*	1"	43-C1-100/3RFD-XX-*
1-1/2"	43-C1-150/3RGD-XX-*	1-1/2"	43-C1-150/3RHD-XX-*
2"	43-C1-200/3RHD-XX-*	2"	43-C1-200/3RJD-XX-*
2-1/2"	43-C1-250/3RHD-XX-*	2-1/2"	43-C1-250/3RJD-XX-*
3"	43-C1-300/3RJD-XX-*	3"	43-C1-300/3RJD-XX-*
4"	43-C1-400/3RKD-XX-*	4"	43-C1-400/3RKD-XX-*

**4-Way
Spring Return**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-C1-050/3RFS-XX-*	1/2"	43-C1-050/3RF4-XX-*
3/4"	43-C1-075/3RGS-XX-*	3/4"	43-C1-075/3RG4-XX-*
1"	43-C1-100/3RHS-XX-*	1"	43-C1-100/3RJ4-XX-*
1-1/2"	43-C1-150/3RKS-XX-*	1-1/2"	43-C1-150/3RK4-XX-*
2"	43-C1-200/3RKS-XX-*	2"	43-C1-200/3RL4-XX-*
2-1/2"	43-C1-250/3RKS-XX-*	2-1/2"	43-C1-250/3RL4-XX-*
3"	43-C1-300/3RLS-XX-*	3"	43-C1-300/3RM4-XX-*
4"	43-C1-400/3RNS-XX-*	4"	43-C1-400/3RP4-XX-*

**4-Way
Electric**

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	43-C1-050/WEA1-XX-*	1/2"	43-C1-050/WEA2-XX-*
3/4"	43-C1-075/WEA1-XX-*	3/4"	43-C1-075/WEA2-XX-*
1"	43-C1-100/WEB1-XX-*	1"	43-C1-100/WEB2-XX-*
1-1/2"	43-C1-150/WEC1-XX-*	1-1/2"	43-C1-150/WEC2-XX-*
2"	43-C1-200/WEC1-XX-*	2"	43-C1-200/WED2-XX-*
2-1/2"	43-C1-250/WED1-XX-*	2-1/2"	43-C1-250/WEE2-XX-*
3"	43-C1-300/WEE1-XX-*	3"	43-C1-300/WEE2-XX-*
4"	43-C1-400/WEF1-XX-*	4"	43-C1-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43

Cavity Filled • Threaded, Socket Weld & Butt Weld

Automated Model numbers

4-Way Double Acting

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TF-025/3RDD-XX-*	1/4"	43-TF-025/3RED-XX-*
3/8"	43-TF-038/3RDD-XX-*	3/8"	43-TF-038/3RED-XX-*
1/2"	43-TF-050/3RED-XX-*	1/2"	43-TF-050/3RED-XX-*
3/4"	43-TF-075/3RFD-XX-*	3/4"	43-TF-075/3RFD-XX-*
1"	43-TF-100/3RFD-XX-*	1"	43-TF-100/3RGD-XX-*
1-1/4"	43-TF-125/3RGD-XX-*	1-1/4"	43-TF-125/3RGD-XX-*
1-1/2"	43-TF-150/3RHD-XX-*	1-1/2"	43-TF-150/3RJD-XX-*
2"	43-TF-200/3RJD-XX-*	2"	43-TF-200/3RJD-XX-*
2-1/2"	43-TF-250/3RJD-XX-*	2-1/2"	43-TF-250/3RJD-XX-*
3"	43-TF-300/3RJD-XX-*	3"	43-TF-300/3RKD-XX-*
4"	43-TF-400/3RKD-XX-*	4"	43-TF-400/3RLD-XX-*

4-Way Spring Return

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TF-025/3RFS-XX-*	1/4"	43-TF-025/3RF4-XX-*
3/8"	43-TF-038/3RFS-XX-*	3/8"	43-TF-038/3RF4-XX-*
1/2"	43-TF-050/3RFS-XX-*	1/2"	43-TF-050/3RG4-XX-*
3/4"	43-TF-075/3RGS-XX-*	3/4"	43-TF-075/3RH4-XX-*
1"	43-TF-100/3RJS-XX-*	1"	43-TF-100/3RJ4-XX-*
1-1/4"	43-TF-125/3RJS-XX-*	1-1/4"	43-TF-125/3RK4-XX-*
1-1/2"	43-TF-150/3RKS-XX-*	1-1/2"	43-TF-150/3RL4-XX-*
2"	43-TF-200/3RLS-XX-*	2"	43-TF-200/3RM4-XX-*
2-1/2"	43-TF-250/3RLS-XX-*	2-1/2"	43-TF-250/3RM4-XX-*
3"	43-TF-300/3RMS-XX-*	3"	43-TF-300/3RN4-XX-*
4"	43-TF-400/3RPS-XX-*	4"	43-TF-400/3RR4-XX-*

4-Way Electric

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/4"	43-TF-025/WEA1-XX-*	1/4"	43-TF-025/WEA2-XX-*
3/8"	43-TF-038/WEA1-XX-*	3/8"	43-TF-038/WEA2-XX-*
1/2"	43-TF-050/WEA1-XX-*	1/2"	43-TF-050/WEA2-XX-*
3/4"	43-TF-075/WEA1-XX-*	3/4"	43-TF-075/WEA2-XX-*
1"	43-TF-100/WEB1-XX-*	1"	43-TF-100/WEC2-XX-*
1-1/4"	43-TF-125/WEC1-XX-*	1-1/4"	43-TF-125/WEC2-XX-*
1-1/2"	43-TF-150/WEC1-XX-*	1-1/2"	43-TF-150/WED2-XX-*
2"	43-TF-200/WED1-XX-*	2"	43-TF-200/WEE2-XX-*
2-1/2"	43-TF-250/WEE1-XX-*	2-1/2"	43-TF-250/WEE2-XX-*
3"	43-TF-300/WEE1-XX-*	3"	43-TF-300/WEF2-XX-*
4"	43-TF-400/WEF1-XX-*	4"	43-TF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43**Cavity Filled Flanged • ANSI Class 150****Automated Model numbers****4-Way Double Acting**

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-FF-050/3RED-XX-*	1/2"	43-FF-050/3RED-XX-*
3/4"	43-FF-075/3RFD-XX-*	3/4"	43-FF-075/3RFD-XX-*
1"	43-FF-100/3RFD-XX-*	1"	43-FF-100/3RGD-XX-*
1-1/2"	43-FF-150/3RHD-XX-*	1-1/2"	43-FF-150/3RJD-XX-*
2"	43-FF-200/3RJD-XX-*	2"	43-FF-200/3RJD-XX-*
2-1/2"	43-FF-250/3RJD-XX-*	2-1/2"	43-FF-250/3RJD-XX-*
3"	43-FF-300/3RJD-XX-*	3"	43-FF-300/3RKD-XX-*
4"	43-FF-400/3RKD-XX-*	4"	43-FF-400/3RLD-XX-*

4-Way Spring Return

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-FF-050/3RFS-XX-*	1/2"	43-FF-050/3RG4-XX-*
3/4"	43-FF-075/3RGS-XX-*	3/4"	43-FF-075/3RH4-XX-*
1"	43-FF-100/3RJS-XX-*	1"	43-FF-100/3RJ4-XX-*
1-1/2"	43-FF-150/3RKS-XX-*	1-1/2"	43-FF-150/3RL4-XX-*
2"	43-FF-200/3RLS-XX-*	2"	43-FF-200/3RM4-XX-*
2-1/2"	43-FF-250/3RLS-XX-*	2-1/2"	43-FF-250/3RM4-XX-*
3"	43-FF-300/3RMS-XX-*	3"	43-FF-300/3RN4-XX-*
4"	43-FF-400/3RPS-XX-*	4"	43-FF-400/3RR4-XX-*

4-Way Electric

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	43-FF-050/WEA1-XX-*	1/2"	43-FF-050/WEA2-XX-*
3/4"	43-FF-075/WEA1-XX-*	3/4"	43-FF-075/WEA2-XX-*
1"	43-FF-100/WEB1-XX-*	1"	43-FF-100/WEC2-XX-*
1-1/2"	43-FF-150/WEC1-XX-*	1-1/2"	43-FF-150/WED2-XX-*
2"	43-FF-200/WED1-XX-*	2"	43-FF-200/WEE2-XX-*
2-1/2"	43-FF-250/WEE1-XX-*	2-1/2"	43-FF-250/WEE2-XX-*
3"	43-FF-300/WEE1-XX-*	3"	43-FF-300/WEF2-XX-*
4"	43-FF-400/WEF1-XX-*	4"	43-FF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

Series 43

Cavity Filled Sanitary

Automated Model numbers

4-Way Double Acting

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-CF-050/3RED-XX-*	1/2"	43-CF-050/3RED-XX-*
3/4"	43-CF-075/3RFD-XX-*	3/4"	43-CF-075/3RFD-XX-*
1"	43-CF-100/3RFD-XX-*	1"	43-CF-100/3RGD-XX-*
1-1/2"	43-CF-150/3RHD-XX-*	1-1/2"	43-CF-150/3RJD-XX-*
2"	43-CF-200/3RJD-XX-*	2"	43-CF-200/3RJD-XX-*
2-1/2"	43-CF-250/3RJD-XX-*	2-1/2"	43-CF-250/3RJD-XX-*
3"	43-CF-300/3RJD-XX-*	3"	43-CF-300/3RKD-XX-*
4"	43-CF-400/3RKD-XX-*	4"	43-CF-400/3RLD-XX-*

4-Way Spring Return

Sized for 80 PSI		Sized for 60 PSI	
SIZE	MODEL	SIZE	MODEL
1/2"	43-CF-050/3RFS-XX-*	1/2"	43-CF-050/3RG4-XX-*
3/4"	43-CF-075/3RGS-XX-*	3/4"	43-CF-075/3RH4-XX-*
1"	43-CF-100/3RJS-XX-*	1"	43-CF-100/3RJ4-XX-*
1-1/2"	43-CF-150/3RKS-XX-*	1-1/2"	43-CF-150/3RL4-XX-*
2"	43-CF-200/3RLS-XX-*	2"	43-CF-200/3RM4-XX-*
2-1/2"	43-CF-250/3RLS-XX-*	2-1/2"	43-CF-250/3RM4-XX-*
3"	43-CF-300/3RMS-XX-*	3"	43-CF-300/3RN4-XX-*
4"	43-CF-400/3RPS-XX-*	4"	43-CF-400/3RR4-XX-*

4-Way Electric

On-Off		Modulating	
SIZE	MODEL	SIZE	MODEL
1/2"	43-CF-050/WEA1-XX-*	1/2"	43-CF-050/WEA2-XX-*
3/4"	43-CF-075/WEA1-XX-*	3/4"	43-CF-075/WEA2-XX-*
1"	43-CF-100/WEB1-XX-*	1"	43-CF-100/WEC2-XX-*
1-1/2"	43-CF-150/WEC1-XX-*	1-1/2"	43-CF-150/WED2-XX-*
2"	43-CF-200/WED1-XX-*	2"	43-CF-200/WEE2-XX-*
2-1/2"	43-CF-250/WEE1-XX-*	2-1/2"	43-CF-250/WEE2-XX-*
3"	43-CF-300/WEE1-XX-*	3"	43-CF-300/WEF2-XX-*
4"	43-CF-400/WEF1-XX-*	4"	43-CF-400/WEF2-XX-*

* Port Arrangement designation: See page 9 for options

