



Triac Series 22 Ball Valves feature a high quality investment cast body and end. They are available in sizes from 1/4" to 3". Superior leak protection is accomplished by using our patented "Pyramidal" stem seal system shown in the graphic below. This advanced system protects against wear and leakage experienced by other ordinary ball valves.

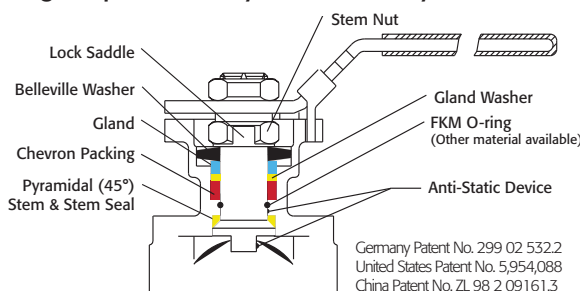
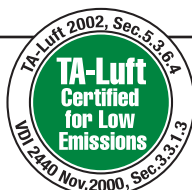


TABLE OF CONTENTS:

Page 2 - Materials & Dimensions
Page 3 - Technical Data
Page 4 - Double Acting
Page 5 - Spring Return
Page 6 - Electric
Page 7 - How to Order - Manual
Page 8 - How to Order - Automated



Easy to Automate!

See automated data sheets for pre-sized assemblies



Pneumatic



Electric



Series 22

DIRECT MOUNT 2-Piece Design

Sizes 1/4" - 3"

Available in 316SS

Full Port Valve

Threaded Ends

1000 psi

NACE MR-0175

2-piece High Cycle Design

ISO 5211 Direct Actuator Mount

Blowout Proof Stem w/ Dual
Anti-Static Devices

RTFE Seats Standard

Pyramidal Stem Seal Packing
System

Lockable Manual Handle

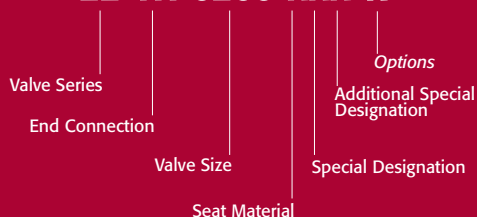
STANDARDS

Design	ASME B16.34 (fully conforms)
End Connections	ASME B1.20.1
Pressure Testing	API 598
Sulfide Stress Protection	NACE MR0175
Mounting	ISO 5211
CE Approval	2014/68/EU Module H
Material Certification	EN 10204-3.1 MTR
Quality Assurance	ISO 9001:2015

HOW TO ORDER MANUAL VALVES

SAMPLE PART #

22-TH-0200-XXX-X



See part number matrix for itemized options



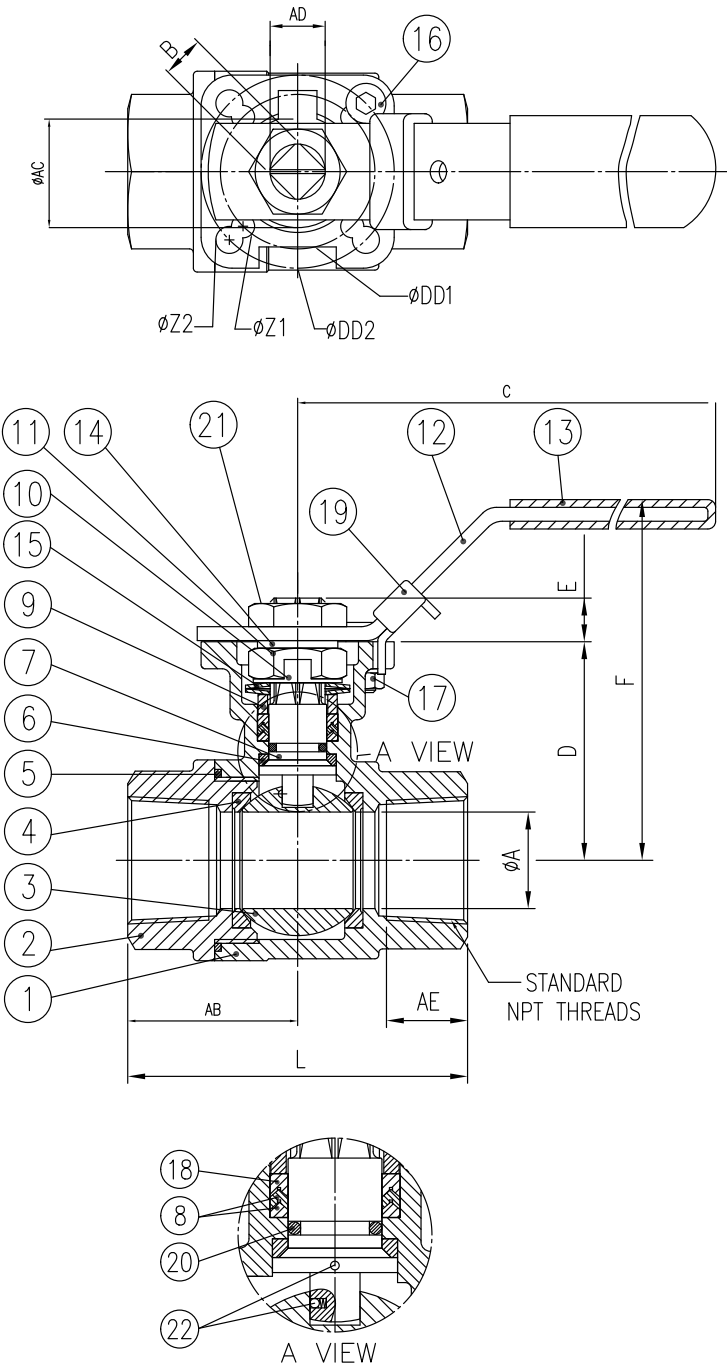
9955 International Blvd.
Cincinnati, Ohio 45246
www.atcontrols.com

PHONE (513) 247-5465
FAX (513) 247-5462
sales@atcontrols.com

Direct Mount High Cycle
Full Port Ball Valve
1000 psi

MATERIAL LIST

NO.	PART NAME	QTY	MATERIAL	REPAIR KIT
1	BODY	1	ASTM A351 GRADE CF8M	
2	END CAP	1	ASTM A351 GRADE CF8M	
3	BALL	1	1/4" THRU 3/8" ASTM A276 SS316	
3	BALL	1	1/2" THRU 3" ASTM A351 GRADE CF8M	
4	SEAT	2	RTFE	✓
5	JOINT GASKET	1	PTFE	✓
6	STEM SEAL	1	RTFE	✓
7	STEM	1	ASTM A276 SS316	
8	GLAND PACKING	1	PTFE	✓
9	GLAND BUSHING	1	AISI 304	✓
10	LOCK SADDLE	1	AISI 304	
11	STEM NUT	1	AISI 304	
12	HANDLE	1	AISI 304	
13	HANDLE SLEEVE	1	VINYL	
14	STEM WASHER	1	AISI 304	
15	BELLEVILLE WASHER	2	AISI 301	
16	STOP BOLT	1	AISI 304	
17	BOLT NUT	1	AISI 304	
18	GLAND WASHER	1	RTFE	✓
19	HANDLE LOCK	1	AISI 304	
20	O-RING	1	FKM	✓
21	HANDLE NUT	1	AISI 304	
22	ANTI-STATIC DEVICE	2	AISI 316	



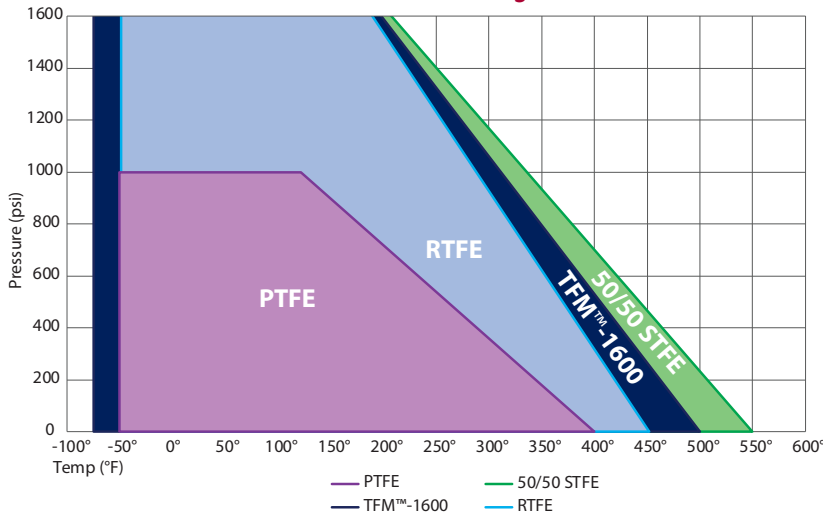
DIMENSIONS (IN)

SIZE	A	B	C	D	E	F	L	Z1	Z2	AB	AC	AD	AE	DD1	DD2	LBS	ISO 5211
1/4"	0.45	0.354	5.88	1.53	0.26	2.99	2.56	0.26	0.28	1.28	0.92	0.43	0.55	1.417	1.969	1.23	F03/F04/F05
3/8"	0.49	0.354	6.12	1.52	0.26	2.99	2.56	0.26	0.28	1.28	0.92	0.43	0.53	1.417	1.969	1.23	F03/F04/F05
1/2"	0.59	0.354	5.83	1.60	0.26	3.05	2.56	0.26	0.28	1.28	0.92	0.43	0.53	1.417	1.969	1.23	F03/F04/F05
3/4"	0.79	0.354	5.88	1.82	0.28	3.23	2.94	0.26	0.28	1.47	0.91	0.43	0.61	1.417	1.969	1.32	F03/F04/F05
1"	0.98	0.433	6.77	2.24	0.43	3.74	3.46	0.26	0.28	1.73	1.26	0.56	0.72	1.654	1.969	2.40	F04/F05
1-1/4"	1.26	0.433	6.77	2.40	0.43	3.92	4.02	0.24	0.27	2.01	1.26	0.56	0.81	1.654	1.969	3.31	F04/F05
1-1/2"	1.50	0.551	8.51	3.06	0.55	4.00	4.33	0.29	0.35	2.17	1.53	0.75	0.76	1.969	2.756	5.62	F05/F07
2"	1.97	0.551	8.51	3.35	0.56	5.16	4.92	0.29	0.35	2.46	1.53	0.75	0.89	1.969	2.756	7.93	F05/F07
2-1/2"	2.56	0.669	10.53	4.31	0.67	6.18	6.32	0.39	0.48	3.16	2.07	0.88	1.09	2.756	4.016	16.38	F07/F10
3"	3.15	0.669	11.88	4.63	0.71	6.80	7.01	0.39	0.48	3.51	2.08	0.88	1.19	2.756	4.016	22.81	F07/F10

Direct Mount High Cycle Full Port Ball Valve 1000 psi

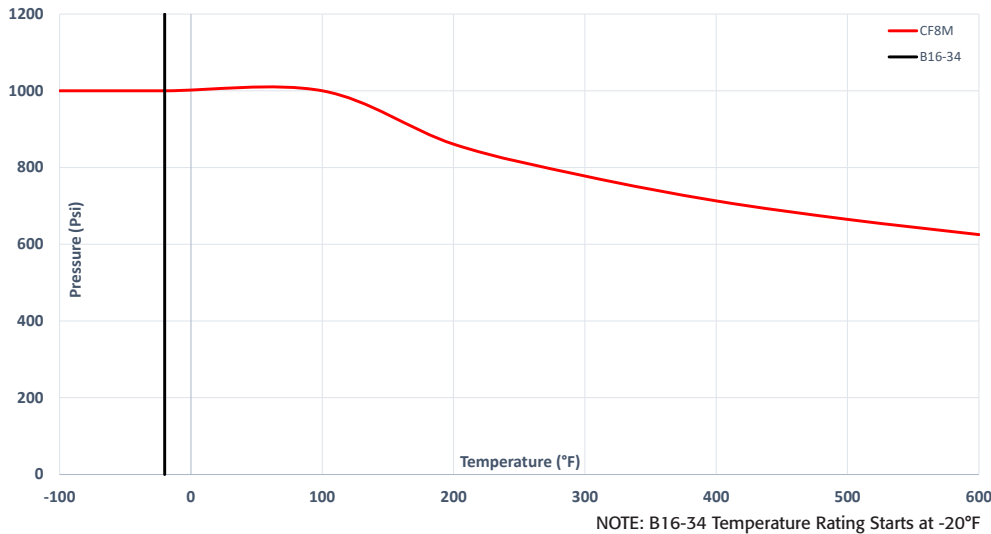
Series 22

Pressure vs. Temperature - Series 22
Seat Pressure Ratings



Temp	Pressure - Seat Material			
	RTFE	STFE	PTFE	TFM™-1600
-75°				2000
-50°	2000	2000	1000	2000
100°	2000	2000	1000	2000
122°	2000	2000	1000	2000
150°	1829	1869	899	1852
200°	1524	1636	719	1587
250°	1220	1402	540	1323
300°	915	1168	360	1058
350°	610	935	180	794
400°	305	701	0	529
450°	0	467		265
500°		234		0
550°		0		

Pressure vs. Temperature - Series 22



Temp (°F)	Series 22 CF8M
	psi
-20°	1000
100°	1000
200°	861
300°	778
400°	713
500°	665
600°	625

Break Away Torque for RTFE Seats	
SIZE	IN-LBS.
1/4"	50
3/8"	50
1/2"	50
3/4"	60
1"	100
1-1/4"	120
1-1/2"	180
2"	225
2-1/2"	487
3"	900

Published torques are based on full differential pressure with clean water. Consult the Application Sizing Guide for assistance with sizing actuators.

SIZE	Cv
1/4"	7
3/8"	8
1/2"	15
3/4"	40
1"	70
1-1/4"	110
1-1/2"	250
2"	350
2-1/2"	600
3"	900

Component Temperature Ratings		
COMPONENT	MATERIAL	TEMPERATURE
Stem Packing	PTFE	-50°F to 400°F
Stem Seal	RTFE	-50°F to 450°F
Gaskets	PTFE	-50°F to 400°F
Seats (Other Materials Available)	PTFE	-50°F to 400°F
	RTFE (standard)	-50°F to 450°F
	TFM™-1600	-75°F to 500°F
	50/50 STFE	-50°F to 550°F

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.

Pneumatic Double Acting Automated Ball Valve Package

**Series 22
Direct Mount**

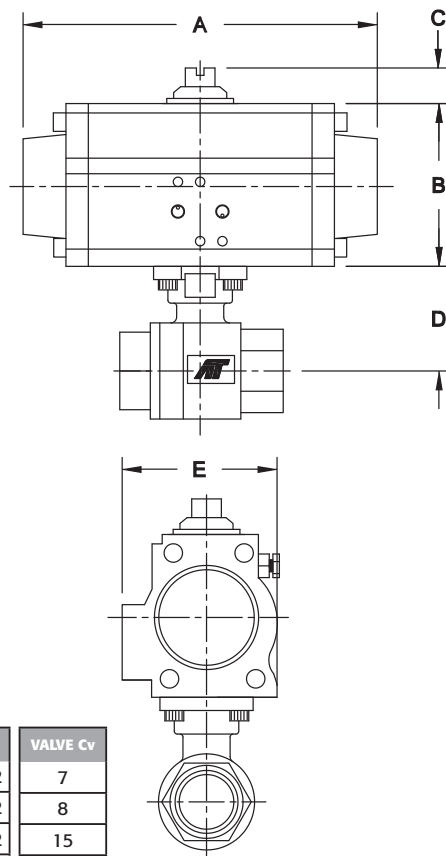
Available in 316SST
 Sizes 1/4" – 3"
 Full Port Valve
 Threaded Ends
 1000 psi
 NACE MR-0175
 2-piece High Cycle Design
 Blowout Proof Stem w/ Dual
 Anti-Static Devices
 RTFE Seats Standard
 Pyramidal Stem Seal Design

STANDARDS

Design	ASME B16.34 (fully conforms)
End Connections	ASME B1.20.1
Pressure Testing	API 598
Sulfide Stress Protection	NACE MR0175
Mounting	ISO 5211
CE Approval	2014/68/EU Module H
Material Certification	EN 10204-3.1 MTR
Quality Assurance	ISO 9001:2015



**2-pc. Direct Mount
1000 psi**



DIMENSIONS (IN)

VALVE SIZE	A	B	C	D	E	VALVE Cv
1/4"	6.50	2.84	0.787	1.53	2.82	7
3/8"	6.50	2.84	0.787	1.53	2.82	8
1/2"	6.50	2.84	0.787	1.60	2.82	15
3/4"	6.50	2.84	0.787	1.82	2.82	40
1"	6.50	2.84	0.787	2.24	2.82	70
1-1/4"	6.50	2.84	0.787	2.40	2.82	110
1-1/2"	7.60	3.47	0.787	3.06	3.35	250
2"	7.60	3.47	0.787	3.35	3.35	350
2-1/2"	9.29	4.30	0.787	4.31	4.18	600
3"	11.02	4.61	0.787	4.63	4.27	900

DIMENSIONS SHOWN ARE FOR ASSEMBLIES SIZED FOR 80 PSI SUPPLY

SERIES 22 2-Piece Direct Mount

SIZED FOR 80 psi AIR SUPPLY	
SIZE	MODEL
1/4"	22-TX-025/3RDD-XX
3/8"	22-TX-038/3RDD-XX
1/2"	22-TX-050/3RDD-XX
3/4"	22-TX-075/3RDD-XX
1"	22-TX-100/3RDD-XX
1-1/4"	22-TX-125/3RDD-XX
1-1/2"	22-TX-150/3RED-XX
2"	22-TX-200/3RED-XX
2-1/2"	22-TX-250/3RFD-XX
3"	22-TX-300/3RGD-XX

SIZED FOR 60 psi AIR SUPPLY	
SIZE	MODEL
1/4"	22-TX-025/3RDD-XX
3/8"	22-TX-038/3RDD-XX
1/2"	22-TX-050/3RDD-XX
3/4"	22-TX-075/3RDD-XX
1"	22-TX-100/3RDD-XX
1-1/4"	22-TX-125/3RDD-XX
1-1/2"	22-TX-150/3RED-XX
2"	22-TX-200/3RED-XX
2-1/2"	22-TX-250/3RFD-XX
3"	22-TX-300/3RHD-XX

OPTIONS		
SUFFIX 1	Accessories/Options	Model no.
X	No Specials	
A	TYPE 4 Solenoid 120VAC	TVCS-X411-4N-A120
B	TYPE 7 Solenoid 120VAC	TVC6-X411-7N-A120
C	Intrinsically Safe Solenoid	TVIS-X411-4N-D24
D	TYPE 4 Solenoid 24VDC	TVCS-X411-4N-D24
F	TYPE 7 Solenoid 24VDC	TVC6-X411-7N-D24
Q	TYPE 4 SST Solenoid 120VAC	TVSS-X411-4N-A120
M	TYPE 7 SST Solenoid 120VAC	TVSS-X411-7N-A120
L	TYPE 4 SST Solenoid 24VDC	TVSS-X411-4N-D24
N	TYPE 7 SST Solenoid 24VDC	TVSS-X411-7N-D24
P	Pneumatic Positioner	PPR-1200
E	Electro-Pneumatic Positioner	EPR-1000
SUFFIX 2	Accessories	Model no.
X	No Specials	
A	TYPE 4 Limit Switch	APL-210N
B	TYPE 7 Limit Switch	APL-510N
C	Intrinsically Safe Limit Switch	APL-218N
Q	TYPE 4 SST Limit Switch	APL-910N
M	TYPE 7 SST Limit Switch	APL-510S
H	NEMA 4 Std. Enc.	APL-310N

Other options available - call for details
 Actuators are sized based on full differential pressure with clean water. Consult the Application Sizing Guide for assistance with sizing actuators.

SAMPLE PART #
22-TX-100/3RDD-XX

Valve Series | End Connection | Seat Material | Valve Size | TRIAC Actuator Series | Actuator Size | Double Acting

See automated part number matrix on back cover for complete part number and options.

SUFFIX 1: Solenoids
 SUFFIX 2: Limit Switch

Pneumatic Spring Return

Automated Ball Valve Package

Series 22 Direct Mount

Available in 316SST

Sizes 1/4" – 3"

Full Port Valve

Threaded Ends

1000 psi

NACE MR-0175

2-piece High Cycle Design

Blowout Proof Stem w/ Dual
Anti-Static Devices

RTFE Seats Standard

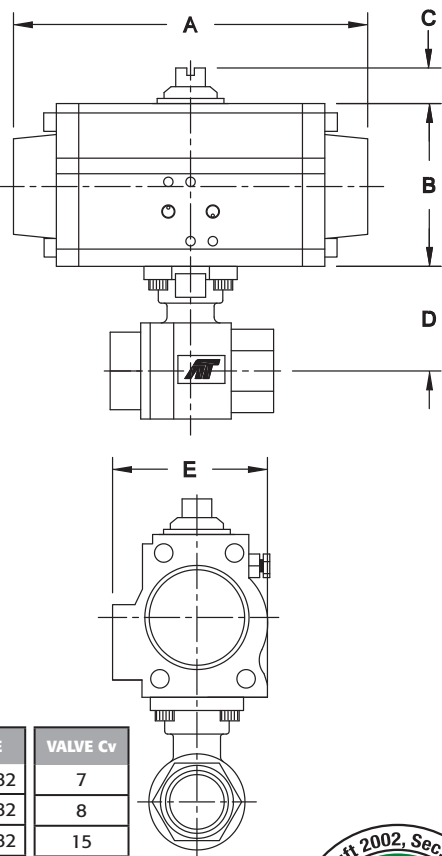
Pyramidal Stem Seal Design

STANDARDS

Design	ASME B16.34 (fully conforms)
End Connections	ASME B1.20.1
Pressure Testing	API 598
Sulfide Stress Protection	NACE MR0175
Mounting	ISO 5211
CE Approval	2014/68/EU Module H
Material Certification	EN 10204-3.1 MTR
Quality Assurance	ISO 9001:2015



2-pc. Direct Mount
1000 psi



DIMENSIONS (IN)

VALVE SIZE	A	B	C	D	E	VALVE Cv
1/4"	6.50	2.84	0.787	1.53	2.82	7
3/8"	6.50	2.84	0.787	1.53	2.82	8
1/2"	6.50	2.84	0.787	1.60	2.82	15
3/4"	6.50	2.84	0.787	1.82	2.82	40
1"	7.60	3.47	0.787	2.24	3.35	70
1-1/4"	9.29	4.30	0.787	2.40	4.18	110
1-1/2"	9.29	4.30	0.787	3.06	4.18	250
2"	9.29	4.30	0.787	3.35	4.18	350
2-1/2"	11.50	5.28	0.787	4.31	5.78	600
3"	13.39	6.14	0.787	4.63	5.59	900

DIMENSIONS SHOWN ARE FOR ASSEMBLIES SIZED FOR 80 PSI SUPPLY



SERIES 22 2-Piece Direct Mount

SIZED FOR 80 psi AIR SUPPLY	
SIZE	MODEL
1/4"	22-TX-025/3RDS-XX
3/8"	22-TX-038/3RDS-XX
1/2"	22-TX-050/3RDS-XX
3/4"	22-TX-075/3RDS-XX
1"	22-TX-100/3RES-XX
1-1/4"	22-TX-125/3RFS-XX
1-1/2"	22-TX-150/3RFS-XX
2"	22-TX-200/3RFS-XX
2-1/2"	22-TX-250/3RHS-XX
3"	22-TX-300/3RJS-XX

SIZED FOR 60 psi AIR SUPPLY	
SIZE	MODEL
1/4"	22-TX-025/3RD4-XX
3/8"	22-TX-038/3RD4-XX
1/2"	22-TX-050/3RD4-XX
3/4"	22-TX-075/3RE4-XX
1"	22-TX-100/3RF4-XX
1-1/4"	22-TX-125/3RF4-XX
1-1/2"	22-TX-150/3RF4-XX
2"	22-TX-200/3RG4-XX
2-1/2"	22-TX-250/3RJ4-XX
3"	22-TX-300/3RK4-XX

OPTIONS		
SUFFIX 1	Accessories/Options	Model no.
X	No Specials	
A	TYPE 4 Solenoid 120VAC	TVCS-X411-4N-A120
B	TYPE 7 Solenoid 120VAC	TVC6-X411-7N-A120
C	Intrinsically Safe Solenoid	TVIS-X411-4N-D24
D	TYPE 4 Solenoid 24VDC	TVCS-X411-4N-D24
F	TYPE 7 Solenoid 24VDC	TVC6-X411-7N-D24
Q	TYPE 4 SST Solenoid 120VAC	TVSS-X411-4N-A120
M	TYPE 7 SST Solenoid 120VAC	TVSS-X411-7N-A120
L	TYPE 4 SST Solenoid 24VDC	TVSS-X411-4N-D24
N	TYPE 7 SST Solenoid 24VDC	TVSS-X411-7N-D24
P	Pneumatic Positioner	PPR-1200
E	Electro-Pneumatic Positioner	EPR-1000
SUFFIX 2	Accessories	Model no.
X	No Specials	
A	TYPE 4 Limit Switch	APL-210N
B	TYPE 7 Limit Switch	APL-510N
C	Intrinsically Safe Limit Switch	APL-218N
Q	TYPE 4 SST Limit Switch	APL-910N
M	TYPE 7 SST Limit Switch	APL-510S
H	NEMA 4 Std. Enc.	APL-310N

Other options available - call for details
Actuators are sized based on full differential pressure with clean water. Consult the Application Sizing Guide for assistance with sizing actuators.

SAMPLE PART # 22-TX-100/3RES-XX

Valve Series	
End Connection	
Seat Material	
Valve Size	
TRIAC Actuator Series	
Actuator Size	
Spring Return	
SUFFIX 1: Solenoids	
SUFFIX 2: Limit Switch	

See automated part number matrix on back cover for complete part number and options.

Electric

Automated Ball Valve Package

Series 22 Direct Mount

Available in 316SST

Sizes 1/4"– 3"

Full Port Valve

Threaded Ends

1000 psi

NACE MR-0175

2-piece High Cycle Design

Blowout Proof Stem w/ Dual
Anti-Static Devices

RTFE Seats Standard

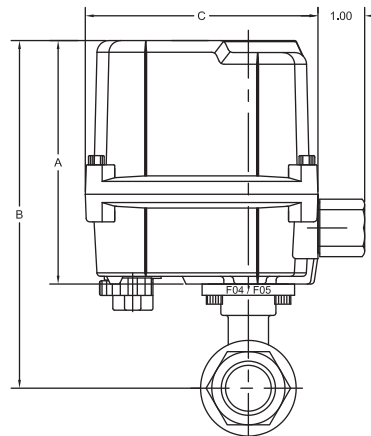
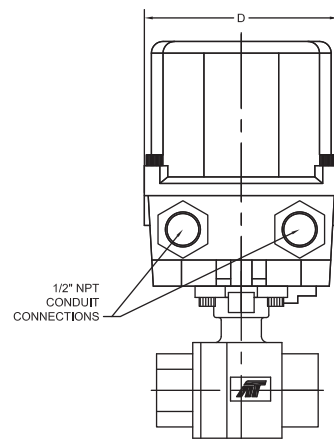
Pyramidal Stem Seal Design

STANDARDS

Design	ASME B16.34 (fully conforms)
End Connections	ASME B1.20.1
Pressure Testing	API 598
Sulfide Stress Protection	NACE MR0175
Mounting	ISO 5211
CE Approval	2014/68/EU Module H
Material Certification	EN 10204-3.1 MTR
Quality Assurance	ISO 9001:2015



2-pc. Direct Mount
1000 psi



DIMENSIONS (IN)

VALVE SIZE	A	B	C	D	VALVE Cv
1/4"	5.24	6.77	4.94	4.08	7
3/8"	5.24	6.77	4.94	4.08	8
1/2"	5.24	6.84	4.94	4.08	15
3/4"	5.24	7.06	4.94	4.08	40
1"	5.24	7.48	4.94	4.08	70
1-1/4"	5.24	7.64	4.94	4.08	110
1-1/2"	5.24	8.30	4.94	4.08	250
2"	5.24	8.59	4.94	4.08	350
2-1/2"	9.25	13.56	6.69	10.16	600
3"	10.55	15.18	9.02	13.31	900

SERIES 22 2-Piece Direct Mount

ON-OFF	
SIZE	MODEL
1/4"	22-TX-025/WEA1-XX
3/8"	22-TX-038/WEA1-XX
1/2"	22-TX-050/WEA1-XX
3/4"	22-TX-075/WEA1-XX
1"	22-TX-100/WEA1-XX
1-1/4"	22-TX-125/WEA1-XX
1-1/2"	22-TX-150/WEA1-XX
2"	22-TX-200/WEA1-XX
2-1/2"	22-TX-250/WEB1-XX
3"	22-TX-300/WEC1-XX

MODULATING	
SIZE	MODEL
1/4"	22-TX-025/WEA2-XX
3/8"	22-TX-038/WEA2-XX
1/2"	22-TX-050/WEA2-XX
3/4"	22-TX-075/WEA2-XX
1"	22-TX-100/WEA2-XX
1-1/4"	22-TX-125/WEA2-XX
1-1/2"	22-TX-150/WEA2-XX
2"	22-TX-200/WEA2-XX
2-1/2"	22-TX-250/WEB2-XX
3"	22-TX-300/WEC2-XX

OPTIONS

Suffix 1	Voltage / Accessory	Model No.
X	No Specials	
R	24VDC Electric Actuator	
S	220VAC Electric Actuator	
T	Other Voltage Electric Actuator	
W	12VDC Electric Actuator	
Y	24VAC Electric Actuator	

* No voltage specified on electric assemblies denotes 120VAC

Suffix 2 Accessories

X	No Specials
1	HS1 High Speed Electric
2	HS2 High Speed Electric

Other options available - call for details
Actuators are sized based on full differential pressure with clean water. Consult the Application Sizing Guide for assistance with sizing actuators.



SAMPLE PART #	
22-TX-100/WEA1-XX	
Valve Series	
End Connection	
Seat Material	
Valve Size	
TRIAC Actuator Series	
Actuator Size	
On-Off	
SUFFIX 1: Voltage	
SUFFIX 2: Options	

See automated part number matrix on back cover for complete part number and options.

HOW TO ORDER: Manual Valves

Series 22

MANUAL VALVE

SAMPLE PART #

22-TH-0200-XXX-X-XX

2	Valve Series
22	2pc. Direct Mount 1000 psi, Full Port

3	Body/Ball/Stem Material
Blank	Valve Series Standard (316SST)

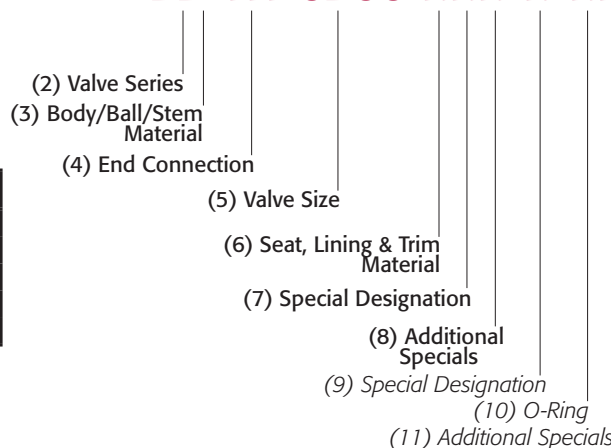
4	End Connection
TH	NPT Ends

5	Valve Size	
0025	1/4"	0125 1-1/4"
0038	3/8"	0150 1-1/2"
0050	1/2"	0200 2"
0075	3/4"	0250 2-1/2"
0100	1"	0300 3"

6	Seat, Lining & Trim Materials
X	Reinforced TFE Seats (RTFE)
P	Virgin TFE Seats (PTFE)
U	UHMWPE Seats
S	50/50 STFE Seats
T	TFM™-1600 Seats

TFM™ is a trademark of Dyneon™, a 3M Company.

7	Special Designation
X	No Specials/Series Standard Handle
O	Oval Handle (Sizes 1/4" - 2")
S	Spring Return (Sizes 1 1/2" - 2")
G	Gear Operator
H	Gear Operator with Lockout Plate
4	4" Lockable Stem Extension



8	Additional Specials
X	No Specials, Series Standard
O	Oxygen Cleaned
V	Vented Ball
E	Bonnet Extension Lockable Handle
D	Degreased & Bagged
A	Vented Ball, Degreased & Bagged
B	Vented Ball, Oxygen Cleaned

OPTIONS:

9	Special Designation
Blank	No Designation, Valve Series Standard
X	Multiple Option Designation

10	O-Ring
Blank	No Designation, Valve Series Standard
X	Multiple Option Designation

11	Additional Specials
E	CE/PED Certified

HOW TO ORDER: Automated Valves w/ Options

2	Valve Series
22	2pc. Direct Mount 1000 psi, Full Port

3	Body/Ball/Stem Material
Blank	Valve Series Standard (316SST)

4	End Connection
T	NPT Ends

5	Seat, Lining & Trim Materials
X	Reinforced TFE Seats (RTFE)
P	Virgin TFE Seats (PTFE)
U	UHMWPE Seats
S	50/50 STFE Seats
T	TFM™-1600 Seats

TFM™ is a trademark of Dyneon™, a 3M Company.

6	Valve Size
025	1/4" 125 1 1/4"
038	3/8" 150 1 1/2"
050	1/2" 200 2"
075	3/4" 250 2 1/2"
100	1" 300 3"

7 (A) Pneumatic Actuator - 3R, 3N, 3P Series
3RC 3R10 3RM 3R850
3RD 3R20 3RN 3R1000
3RE 3R40 3RP 3R1200
3RF 3R80 3RR 3R1750
3RG 3R130 3RS 3R2400
3RH 3R200 3RT 3R2500
3RJ 3R300 3RU 3R2700
3RK 3R500 3RV 3R3300
3RL 3R700 3RW 3R3500

3R=Standard, 3N=Electroless Nickel Plating,
3P=Teflon™ (PTFE) Coating

7 (A) Pneumatic Actuator - S2 Series
S2C S2-052 S2G S2-125
S2D S2-063 S2H S2-140
S2E S2-083 S2J S2-160
S2F S2-105 S2K S2-210

7 (B) Pneumatic Action
D Double Acting (DA)
S Spring CW (5 springs)*
O Spring CCW (5 springs)*
4 Spring CW (4 springs)**
F Spring CCW (4 springs)**
6 Spring CW (6 springs)
H Spring CCW (6 springs)

*2500 & 3500 80 psig spring

**2500 & 3500 60 psig spring

7 Actuator - Electric (On-Off)
WEX1 WE-350 WEG1 WE-5200
WEA1 WE-500 WEH1 WE-6900
WEB1 WE-690 WEJ1 WE-10500
WEC1 WE-1350 WEK1 WE-17500
WED1 WE-1700 WEL1 WE-25900
WEE1 WE-2640 WEM1 WE-53000
WEF1 WE-4400 WEN1 WE-80000

7 Actuator - Electric (Modulating)
WEA2 WEM-500 WEH2 WEM-6900
WEB2 WEM-690 WEJ2 WEM-10500
WEC2 WEM-1350 WEK2 WEM-17500
WED2 WEM-1700 WEL2 WEM-25900
WEE2 WEM-2640 WEM2 WEM-53000
WEF2 WEM-4400 WEN2 WEM-80000
WEG2 WEM-5200

OPTIONS:

8 Accessories/Options	Model no.
X No Specials	
A TYPE 4 Solenoid 120VAC	TVCS-X411-4N-A120
B TYPE 7 Solenoid 120VAC	TVC6-X411-7N-A120
C Intrinsically Safe Solenoid	TVIS-X411-4N-D24
D TYPE 4 Solenoid 24VDC	TVCS-X411-4N-D24
F TYPE 7 Solenoid 24VDC	TVC6-X411-7N-D24
Q TYPE 4 SST Solenoid 120VAC	TVSS-X411-4N-A120
M TYPE 7 SST Solenoid 120VAC	TVSS-X411-7N-A120
L TYPE 4 SST Solenoid 24VDC	TVSS-X411-4N-D24
N TYPE 7 SST Solenoid 24VDC	TVSS-X411-7N-D24
P Pneumatic Positioner	PPR-1200
E Electro-Pneumatic Positioner	EPR-1000
R 24VDC Electric Actuator	
S 220VAC Electric Actuator	
T Other Voltage Electric Actuator	
W 12VDC Electric Actuator	
Y 24VAC Electric Actuator	

* No voltage specified on electric assemblies denotes 120VAC

9 Accessories	Model no.
X No Specials	
A TYPE 4 Limit Switch	APL-210N
B TYPE 7 Limit Switch	APL-510N
C Intrinsically Safe Limit Switch	APL-218N
Q TYPE 4 SST Limit Switch	APL-910N
M TYPE 7 SST Limit Switch	APL-510S
H NEMA 4 Std. Enc.	APL-310N
1 HS1 High Speed Electric	
2 HS2 High Speed Electric	

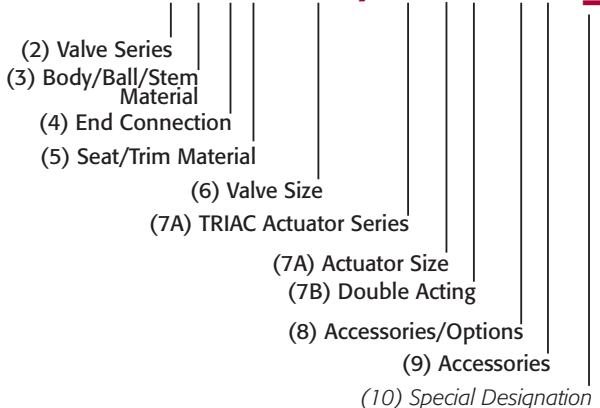
10 Special Designation
Blank No Designation, SST Stem
E CE/PED Certified
F Viton® Seal for Pneumatic Actuators (0°F to 300°F)

Viton® is a registered trademark of E. I. DuPont de Nemours.

AUTOMATED VALVE

SAMPLE PART #

22-TX-100/3RDD-XX-



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