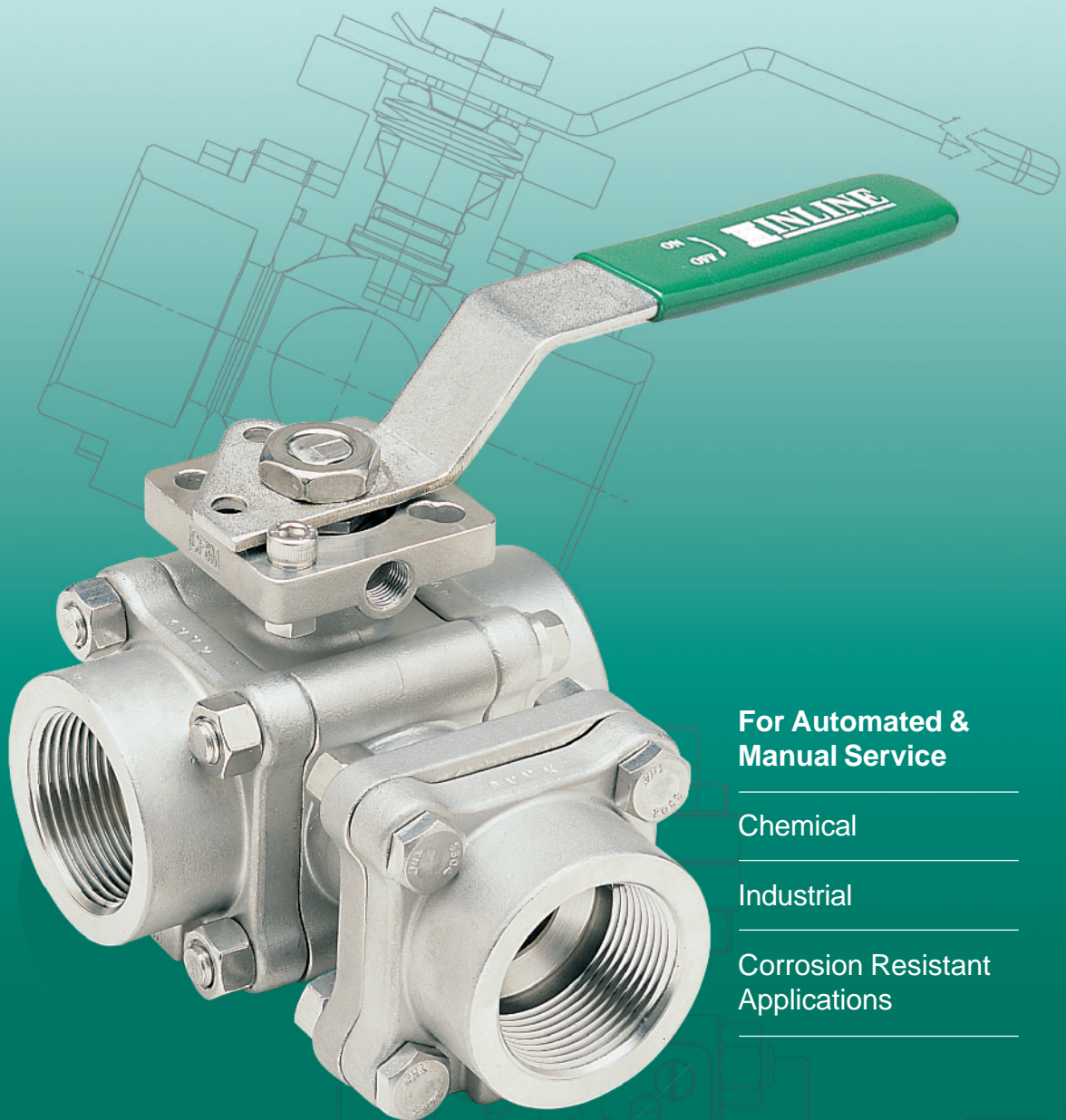


# 364 Diverter Valve

3-Piece Full and Standard Port  
ISO 5211 Direct Mount Pad



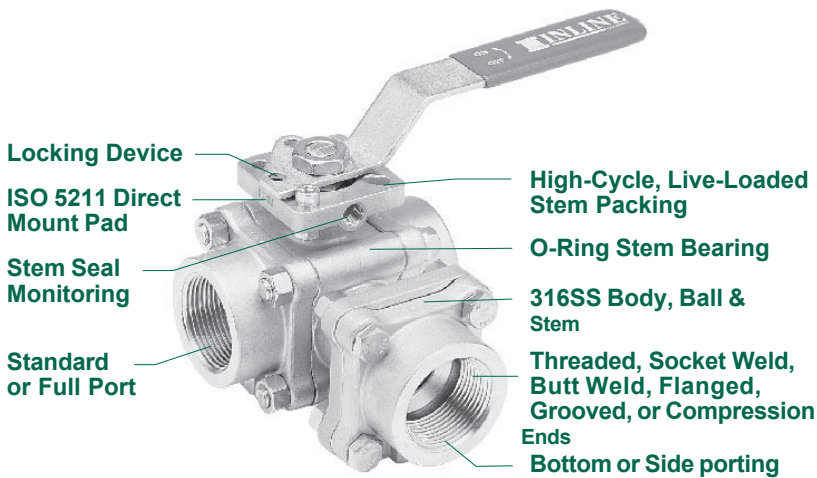
For Automated &  
Manual Service

Chemical

Industrial

Corrosion Resistant  
Applications

# The 364 Series Diverter Valve



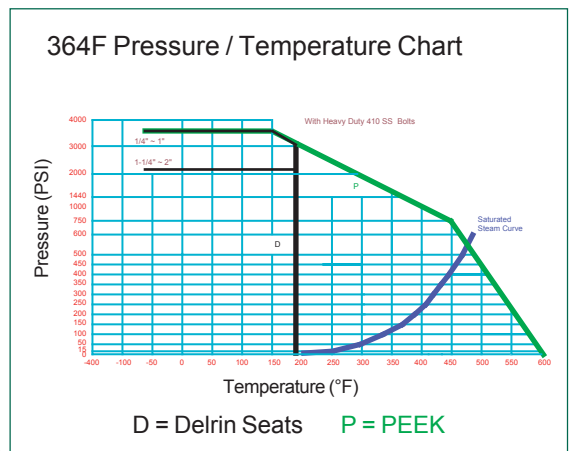
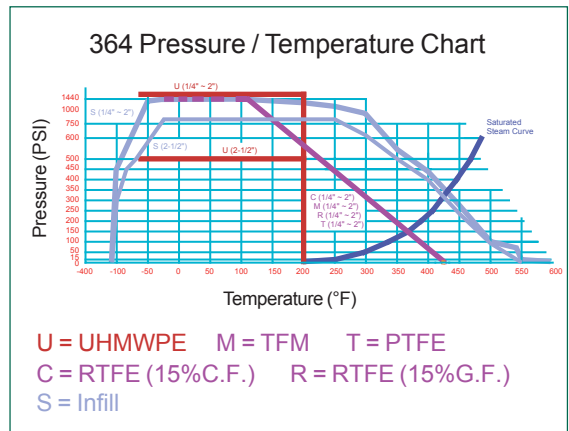
- Locking Device
- ISO 5211 Direct Mount Pad
- Stem Seal Monitoring
- Standard or Full Port
- High-Cycle, Live-Loaded Stem Packing
- O-Ring Stem Bearing
- 316SS Body, Ball & Stem
- Threaded, Socket Weld, Butt Weld, Flanged, Grooved, or Compression Ends
- Bottom or Side porting

## Standard Features and Benefits

- **Dual Pattern ISO 5211 Direct Mount Pad**  
No bracket or drive coupling needed for automation  
Dual pattern pad fits a wide range of actuator sizes  
Eliminates exposed moving parts for safer work environment  
Prevents side-loading and premature stem seal failure
- **High-Cycle, Live-Loaded Stem Packing**  
Spring energized stem seals self-adjust to compensate for wear, pressure/temperature changes ensuring a leak-tight seal and extending service life
- **O-Ring Stem Bearing**  
Maintains stem alignment  
Reduces packing side-loading and wear  
Enhances stem seal performance
- **Blow-Out-Proof Stem**  
Stem is bottom loaded to prevent removal when valve is in service
- **Universal Valve Body**  
Same center section can be used for both manual and automated service
- **Lockout Capability**  
Enables plant personnel to secure valve in open or closed position when manually operated
- **Heavy Duty Construction**  
Made to full ANSI B16.34 Class 600 dimensions for trouble-free performance over a wide range of service conditions
- **Investment Cast**  
High quality investment castings improve dimensional control and reduce porosity; certified material test reports are available upon request
- **Anti-Static Stem**
- **Standard Seats and Seals Suitable for 150 PSI Saturated Steam**

## Options

- End connections available in NPT, socket weld, butt weld, flanged, compression or grooved, in 316SS or carbon steel
- Jacketed
- Bottom Porting
- High pressure seats and seals
- High temperature seats and seals capable of up to 400 psi of saturated steam

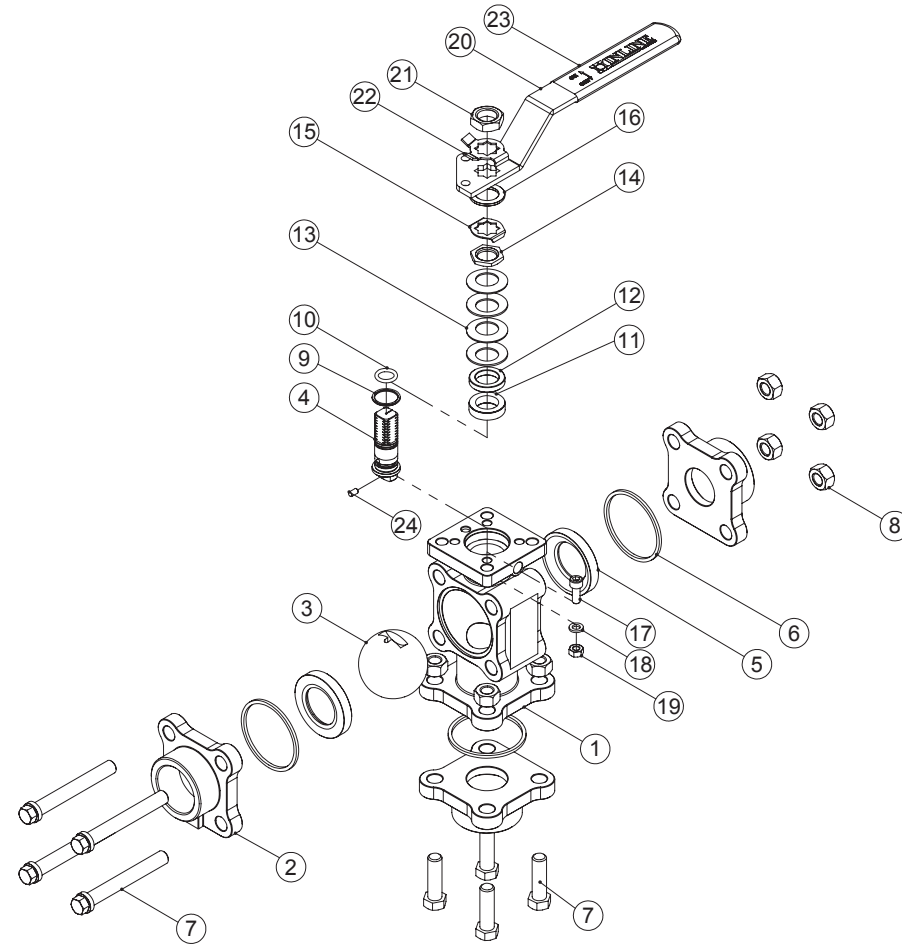


## Operating Conditions

- Temperature range:  
-20°F ~ 600°F (depending on seats)
- Maximum pressure:  
3600 PSI (Class 1500) (1/4" ~ 1")  
2160 PSI (Class 900) (1-1/4" ~ 2")

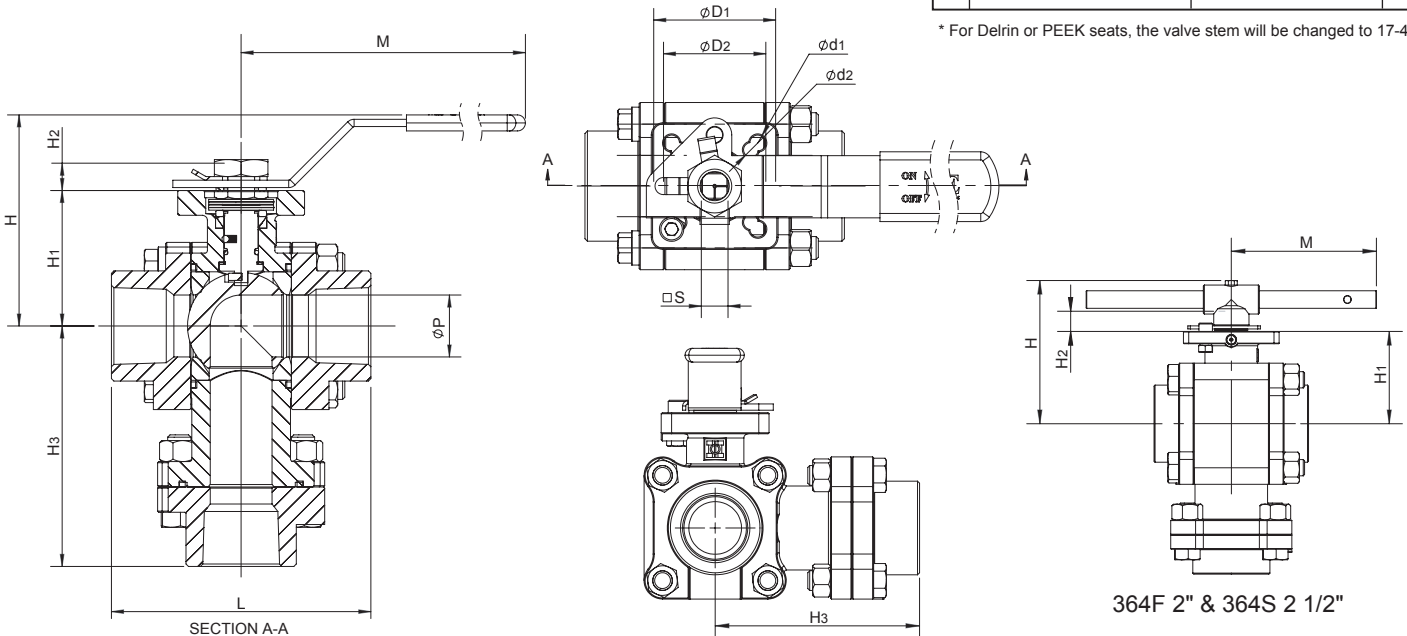
## Specifications

- All valves built and pressure tested to ANSI/ASME B16.34, MSS-SP-110 and API 598
- All materials comply with applicable ASTM material specifications
- End connections: All to B16.34;  
NPT to B1.20.1; socket weld to B16.11; butt weld to B16.25;  
flanged to B16.5



Valve Components			
#	Part Name	Material	Qty.
1	Body	A351 Gr. CF8M	1
2	End Cap	A351 Gr. CF8M	3
3	Ball	316SS	1
4	Stem* (Anti-Static)	316SS / 17-4	1
5	Seat	TFM	2
6	Body Seal	TFM	3
7	Body Bolt	304SS	8
8	Body Nut	304SS	8
9	Thrust Washer	PEEK	1
10	Stem O-Ring	Viton 90	1
11	Stem Packing Set	TFM	1
12	Packing Gland	304SS	1
13	Belleville Washer	301SS	4
14	Gland Nut	304SS	1
15	Gland Nut Lock Washer	304SS	1
16	Stem Spacer	304SS	1
17	Stop Pin	304SS	1
18	Stop Pin Lock Washer	301SS	1
19	Stop Pin Nut	304SS	1
20	Handle	304SS	1
21	Handle Nut	304SS	1
22	Handle Nut Lock Washer	304SS	1
23	Handle Cover	Vinyl	1
24	Stem Set Pin	316SS	1

\* For Delrin or PEEK seats, the valve stem will be changed to 17-4



Size		Dimensions (Inches)													
364F	364S	L	M	P	H	H1	H2	H3	D1	D2	d1	d2	S	ISO 5211 Pattern	Wt. (lbs)
1/4	—	2.57	5.41	0.44	3.02	1.80	0.38	2.49	1.97	1.42	0.26	0.24	0.35	F03 / F05*	2.19
3/8	1/2	2.57	5.41	0.44	3.02	1.80	0.38	2.49	1.97	1.42	0.26	0.24	0.35	F03 / F05*	2.21
1/2	3/4	2.80	5.41	0.57	3.11	1.89	0.38	2.69	1.97	1.42	0.26	0.24	0.35	F03 / F05*	2.87
3/4	1	3.69	6.37	0.81	3.21	1.99	0.43	3.43	1.97	1.65	0.26	0.24	0.43	F04 / F05*	4.95
1	1 1/4	4.19	6.37	1.00	3.41	2.19	0.44	3.88	1.97	1.65	0.26	0.24	0.43	F04 / F05*	7.27
1 1/4	1 1/2	4.54	8.02	1.25	4.24	2.56	0.61	4.39	2.76	1.97	0.35	0.27	0.55	F05 / F07*	11.39
1 1/2	2	4.98	8.02	1.50	4.52	2.83	0.61	4.83	2.76	1.97	0.35	0.27	0.55	F05 / F07*	14.99
2	2 1/2	5.87	5.51	2.00	5.44	3.50	0.77	5.71	4.02	2.76	0.44	0.35	0.67	F07 / F10*	30.12

Side entry drawing available upon request

\* Direct mount with stem adapter bushing

