

## SERIES F15/F30 METAL SEATED FLANGED SERIES

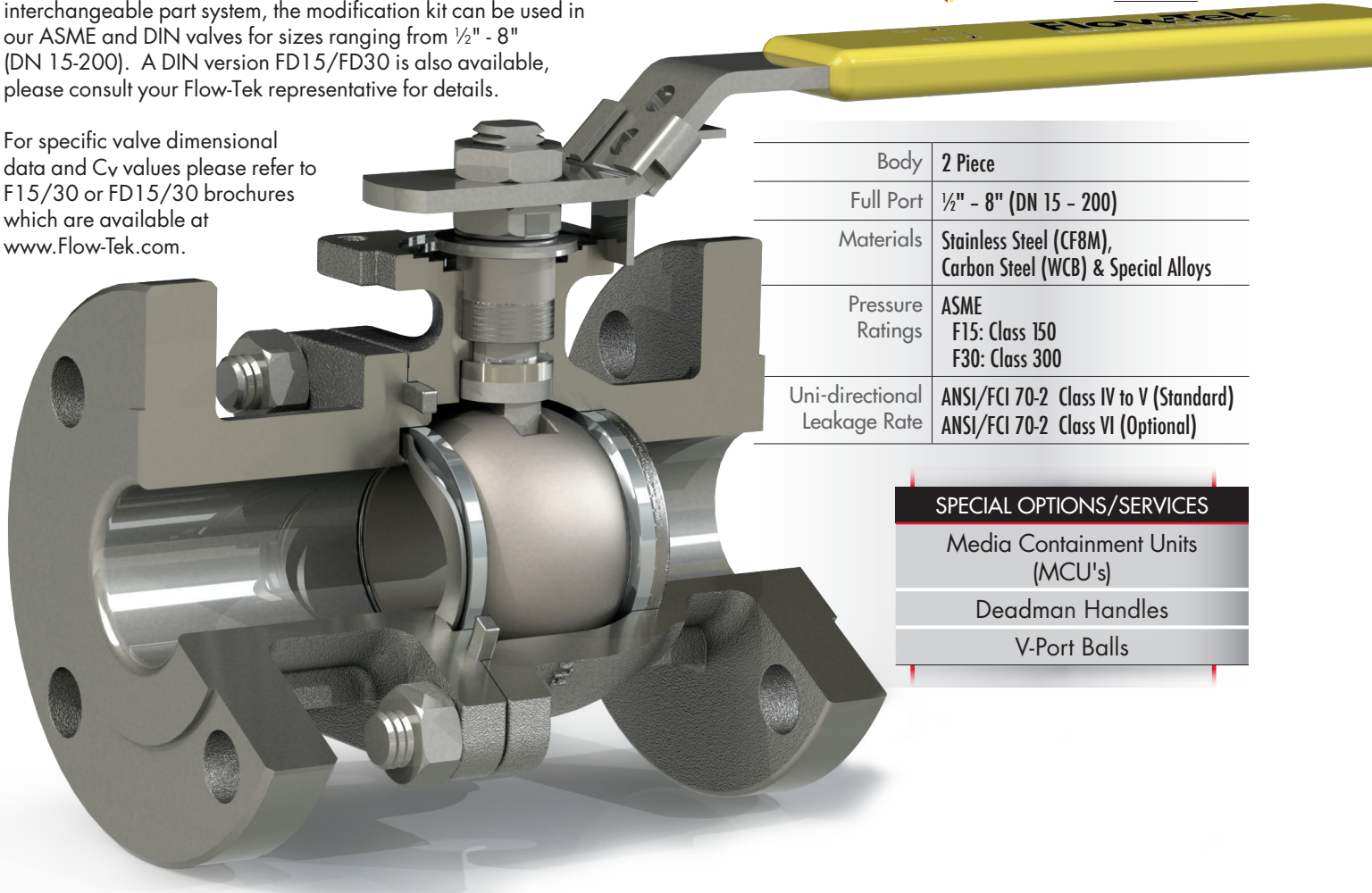
2 PIECE FLANGED FULL PORT  
1/2" - 8" (15mm - 200mm)

# METAL SEATED FLANGED SERIES BALL VALVES

Flow-Tek, Inc. is proud to offer our uni-directional, metal seated design as an additional option to our full port Flanged Series. This option increases the temperature rating to 750°F (399°C) and enhances wear resistance, while maintaining the proven safety and reliability of existing Flow-Tek valves. With our modular, interchangeable part system, the modification kit can be used in our ASME and DIN valves for sizes ranging from ½" - 8" (DN 15-200). A DIN version FD15/FD30 is also available, please consult your Flow-Tek representative for details.



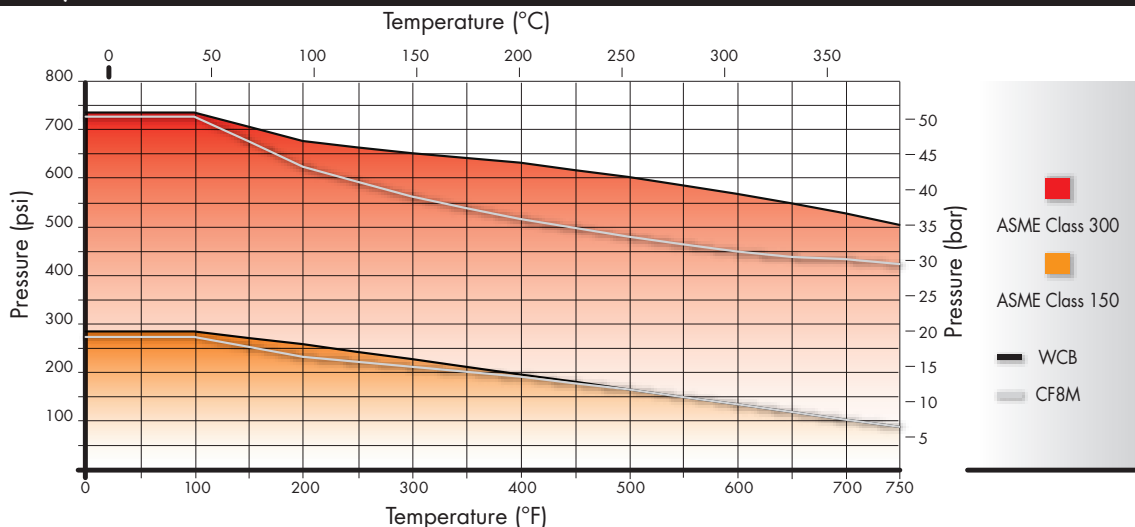
For specific valve dimensional data and C<sub>v</sub> values please refer to F15/30 or FD15/30 brochures which are available at [www.Flow-Tek.com](http://www.Flow-Tek.com).



Body	2 Piece
Full Port	½" - 8" (DN 15 - 200)
Materials	Stainless Steel (CF8M), Carbon Steel (WCB) & Special Alloys
Pressure Ratings	ASME F15: Class 150 F30: Class 300
Uni-directional Leakage Rate	ANSI/FCI 70-2 Class IV to V (Standard) ANSI/FCI 70-2 Class VI (Optional)

- SPECIAL OPTIONS/SERVICES**
- Media Containment Units (MCU's)
  - Deadman Handles
  - V-Port Balls

## PRESSURE / TEMPERATURE



# COMPONENTS & MATERIALS

ITEM / NAME	STAINLESS STEEL	CARBON STEEL	QTY.
1. Body	ASTM A351 Gr CF8M	ASTM A216 Gr WCB	1
2. End Cap	ASTM A351 Gr CF8M	ASTM A216 Gr WCB	1
3. Ball	ASTM A351 Gr CF8M/Chrome Carbide ASTM A351 Gr CF8M/Hard Chrome		1 •
4A. Upstream Seat	ASTM A351 Gr CF8M/Chrome Carbide ASTM A351 Gr CF8M/Stellite® 6		1 •
4B. Downstream Seat	ASTM A351 Gr CF8M/Chrome Carbide ASTM A351 Gr CF8M/Stellite® 6		1 •
5. Stem	SS660 or 17-4 PH		1
6. Body Seal	Spiral Wound (316/Graphite)		1 •
7. Body Nut	ASTM A194 Gr 8	ASTM A194 2H	*
8. Body Stud	ASTM A193 B8	ASTM A193 B7	*
11. Thrust Washer	UNS S21800 (Nitronic® 60)		1 •
14. Stem Packing	Graphite		1 •
15. Packing Gland	ASTM A167 Type 304		1
18. Belleville Washer	SS301		2
19. Tab Lock Washer	SS304		1
23. Travel Stop Sleeve	ASTM A167 Type 304		1
24. Travel Stop Bolt	SS300		1
25. Handle	SS304/ Ductile Iron 2½" and larger		1
26. Lock Nut	ASTM A167 Type 304		2
28. Handle Sleeve	Vinyl 2" [50mm]		1
29. Locking Device	SS304		1
44. Seat Seal	Graphite		1 •
45. Wave Spring	17-7 or Inconel® 718		1 •

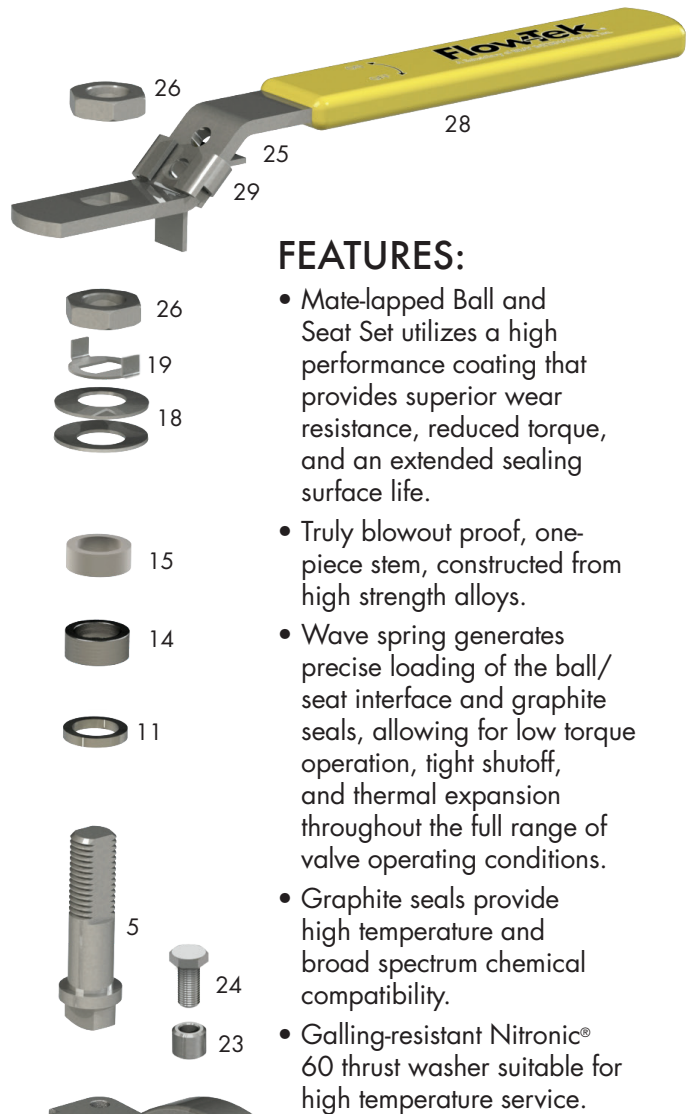
\*Quantity depends on valve size.

• Recommended spare parts that are available as a packaged repair kit.

Inconel® is a registered trademark of Inco Alloys International, Inc.

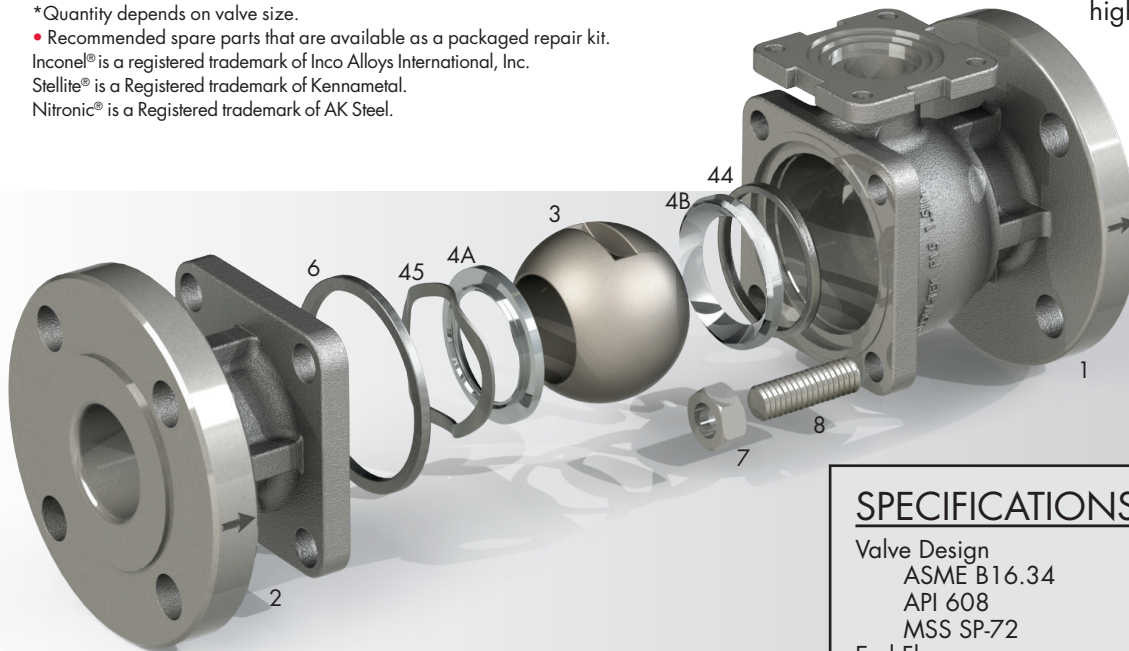
Stellite® is a Registered trademark of Kennametal.

Nitronic® is a Registered trademark of AK Steel.



## FEATURES:

- Mate-lapped Ball and Seat Set utilizes a high performance coating that provides superior wear resistance, reduced torque, and an extended sealing surface life.
- Truly blowout proof, one-piece stem, constructed from high strength alloys.
- Wave spring generates precise loading of the ball/seat interface and graphite seals, allowing for low torque operation, tight shutoff, and thermal expansion throughout the full range of valve operating conditions.
- Graphite seals provide high temperature and broad spectrum chemical compatibility.
- Galling-resistant Nitronic® 60 thrust washer suitable for high temperature service.



## SPECIFICATIONS

Valve Design	ASME B16.34	Actuator Interface	ISO 5211
	API 608	Testing	
	MSS SP-72		API 598
End Flanges	ASME B16.5		MSS SP-61
Face to Face	ASME B16.10		ANSI/FCI 70-2

For dimensional and flow data refer to the Flow-Tek F15/F30 Brochure.

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**Global manufacturing,  
service around the corner**

To serve you locally, each region maintains a  
factory certified sales and service network  
for all Bray International products.



### ▼ WORLD HEADQUARTERS - BRAY INTERNATIONAL, INC. - USA



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