STAYFLOW

Flanged / Wafer Full Bore Ball Valve

Kompact Series

A Compact Valve designed for applications where space & weight are of major concern

Models:
W150SS / W150CS
Size 1/2" - 6"
316SS or WCB

Ideal Ball Valve for OEM Applications

Design Features:

- The valve body is tapped allowing use of cap screws to install valve between ANSI 150 LB flanges

Optional

- Transmitter isolation 45° handle for fitting insulation recess
- Pocketless design supplied with cavity fillers

Ideal Design for Control Valve

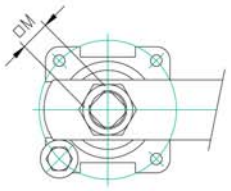
- Compact Control Package
- Economical low operating cost
- Characterized linear, V or slotted ball design to meet your custom flow requirements

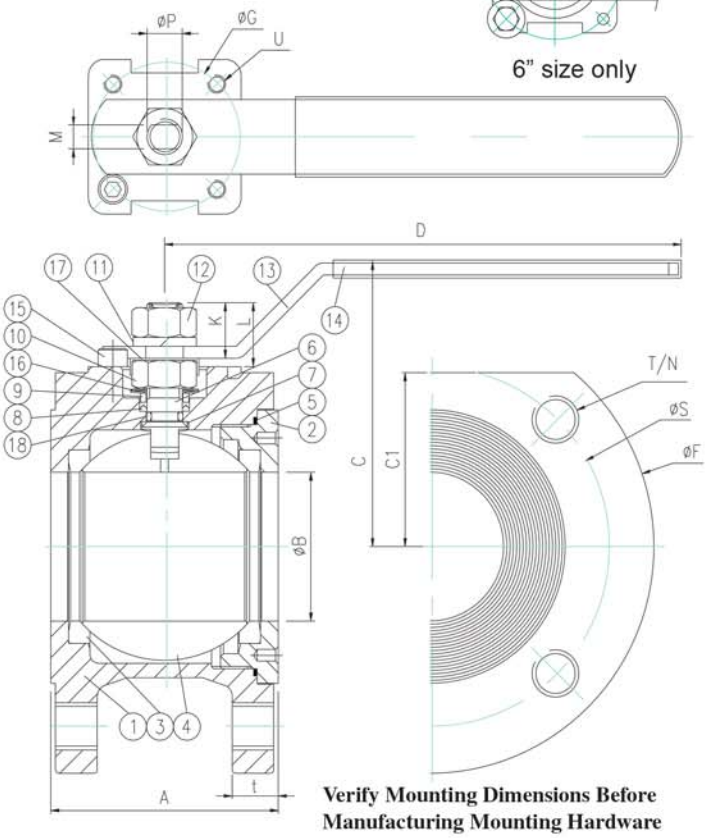
- Full Port Design
- Blow-out Proof Stem Design
- Double "D" Stem 1/2"-4"; 6" Square
- Foundry Heat Numbers
- ISO 5211 Mounting Pad
- Super-Tek Seating
- Low-Torque Design
- Live loaded stem design

The Kompact Series is ideal for control, modulating and many other applications that specially require low profile valves.

Kompact Series
Wafer Type Ball Valve

Design & Technical Data





Verify Mounting Dimensions Before Manufacturing Mounting Hardware

Models:

Stainless Steel	W 150-SS
Carbon Steel	W 150-CS

BILL OF MATERIALS:

Item	Parts	W150SS	W150CS	Qty
1	Body	ASTM A351 CF8M	ASTM A216 WCB	1
2	Retainer	ASTM A351 CF8M	ASTM A216 WCB	1
3	Seat #	TFM1600/Super-Tek	TFM1600/Super-Tek	2
4	Ball	ASTM A351 CF8M	ASTM A351 CF8	1
5	Gasket #	TFM1600	TFM1600	1
6	Stem	17-4PH	17-4PH	1
7	Thrust Washer #	25% Carbon Filled PTFE	25% Carbon Filled PTFE	1
8	Stem Packing #	TFM1600	TFM1600	3
9	Packing Follower	SS304	SS304	1
10	Packing Nut	SS304	SS304	1
11	Handle Washer	SS304	SS304	1
12	Handle Nut	SS304	SS304	1
13	Handle	SS304	Zinc Plated Steel	1
14	Handle Cover	PVC	PVC	1
15	Handle Stopper	SS304	Carbon Steel	1
16	Belleville Washer	SS301	SS301	2
17	Lock Washer	SS304	SS304	1
18	O-Ring #	Viton	Viton	1

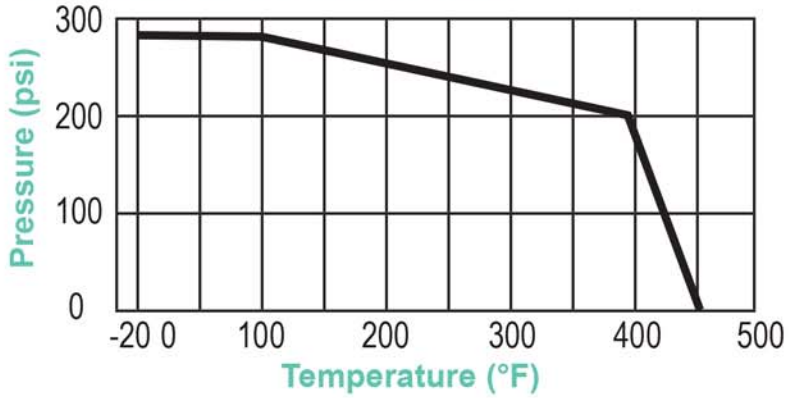
 # Parts included in the repair kits
Special body materials are also available
Please see exploded view on following page

Dimensions & Technical Data

SIZE	A	B	C	C1	D	F	G	K	L	M	N	P	S	t	T	ISO Pad	U	Cv	Torque In-Lb	Weight Lbs
1/2"	1.61	0.63	2.56	0.70	4.84	3.78	1.42	0.39	0.66	0.26	4	0.39	2.37	0.55	1/2-13unc	F03	M5	15	58	3.2
3/4"	1.77	0.79	2.72	0.74	4.84	4.13	1.42	0.39	0.68	0.26	4	0.39	2.75	0.63	1/2-13unc	F03	M5	40	80	3.7
1"	2.13	0.98	3.15	1.75	6.22	4.53	1.65	0.63	0.99	0.34	4	0.55	3.13	0.63	1/2-13unc	F04	M5	70	108	6.6
1 1/4"	2.28	1.26	3.43	2.01	6.22	5.31	1.65	0.63	0.94	0.34	4	0.55	3.50	0.63	1/2-13unc	F04	M5	120	150	7.9
1 1/2"	2.44	1.50	3.78	2.17	7.80	5.71	1.97	0.83	1.15	0.39	4	0.63	3.87	0.63	1/2-13unc	F05	M6	200	200	8.8
2"	3.05	1.97	3.76	2.38	6.89	6.00	1.97	0.70	0.85	0.31	4	0.47	4.75	0.62	5/8-11unc	F05	M6	480	300	11
3"	4.57	2.99	5.71	3.46	9.57	7.50	2.76	0.77	1.50	0.47	4	0.75	6.00	0.75	5/8-11unc	F07	M8	1150	750	26
4"	5.91	3.78	6.59	4.49	11.22	8.66	2.76	1.01	1.32	0.47	8	0.75	7.50	0.94	5/8-11unc	F07	M8	1850	1000	44
6"	7.17	5.31	8.46	6.34	18.11	11.0	4.02	1.05	1.20	0.87	8	1.10	9.50	1.00	3/4-10unc	F10	M12	4800	2018	84

Larger Sizes On Application: Consult Factory

Pressure & Temperature Rating:



All Valves 100% Hydrostatically Pressure Tested in Open and Closed Position

Class 150 Test Pressure:
Shell 425 Psi Seat 80 Psi (air)

Technical Specification	
Body Wall Thickness	ASME B16.34
Body Bolting	ASME B16.34
Testing Standards	ASME B16.34, API 598
NACE	MR-0175
Manufacturing	CE Certified / ISO 9001

Transmitter Isolation Option

Valve flange machined to 26° - 28°
knife gate offset tank end.
45° handle for insulation recess.