

Building connections that last™



# Sharpe® Series 5303

## Three-Piece Ball Valve Datasheet



# Three-Piece Ball Valve Sharpe® Series 5303



## Design Features

- Full Port
- 1000 CWP (¼"–2")  
600 CWP (2½"–4")
- Carbon Steel ASTM A216 WCB or  
316 Stainless Steel ASTM A351  
CF8M
- Threaded, Socket Weld\*,  
or Schedule 10, or 40 Butt  
Weld\* Ends\*\*
- Blow-Out Proof Stem
- Lockable Lever Handle

## Design Features

- Socket Weld & Threaded Ends:  
ASME B16.11
- Butt Weld Ends: ASME B16.25
- Shell and Seat Tests: ASME B16.34

## Options

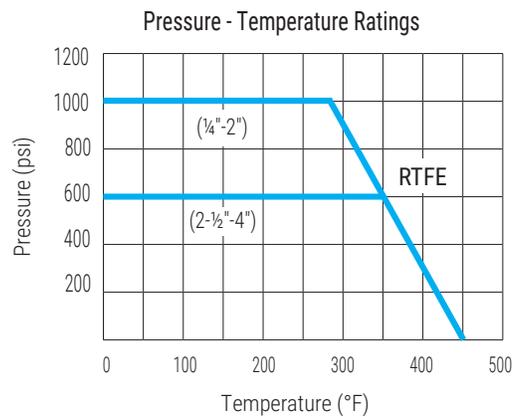
- Stem Extension, Non-Locking
- Reverse Handle Non-Locking
- Oval Handle, Lockable, up to 2"

## Note:

- \*Valves with Welded Ends supplied with extra set of PTFE Body Seals.
- \*\*Butt Weld available only in 316 Stainless Steel ASTM A351 CF8M.

## Technical Information

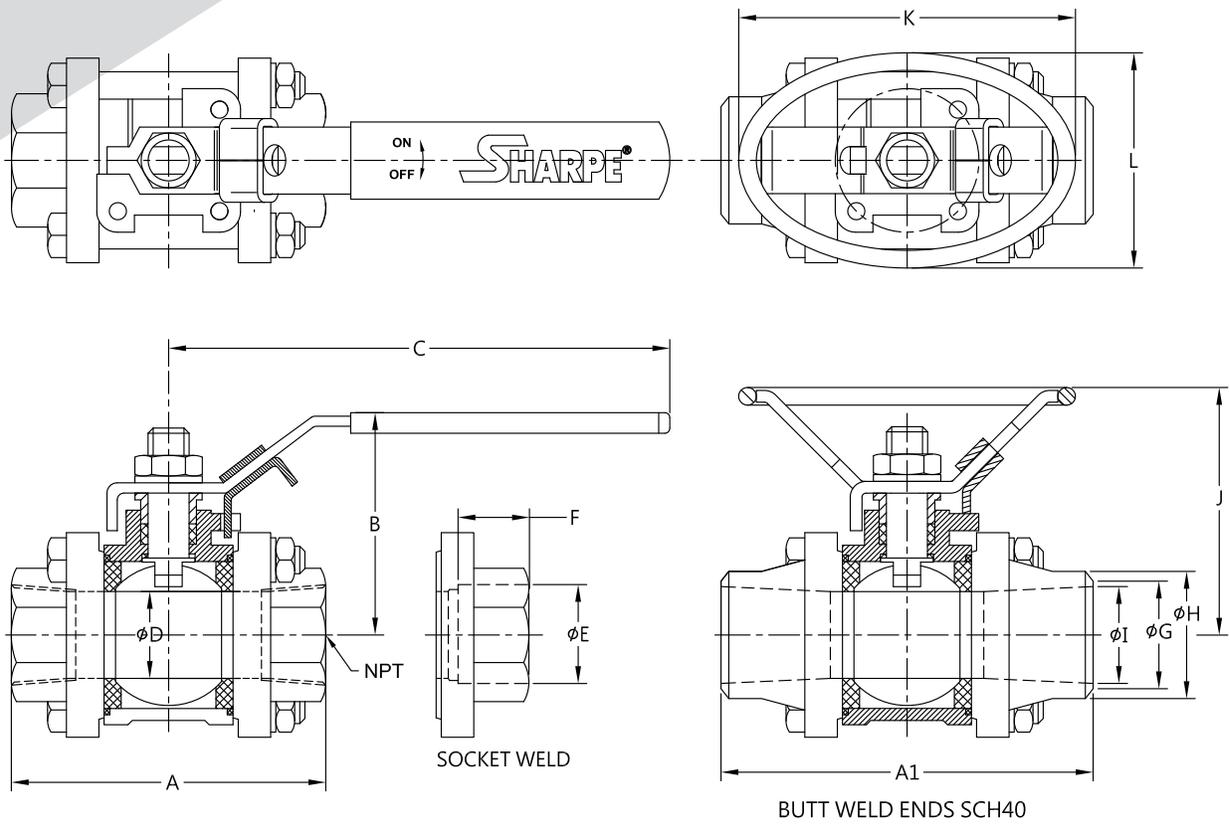
Size	C <sub>v</sub>	Weight (lbs.)
¼	20	0.9
⅜	25	0.9
½	28	1.1
¾	50	1.8
1	70	2.6
1-¼	112	4.0
1-½	170	6.3
2	395	9.7
2-½	835	18.7
3	860	29.5
4	1780	47.5



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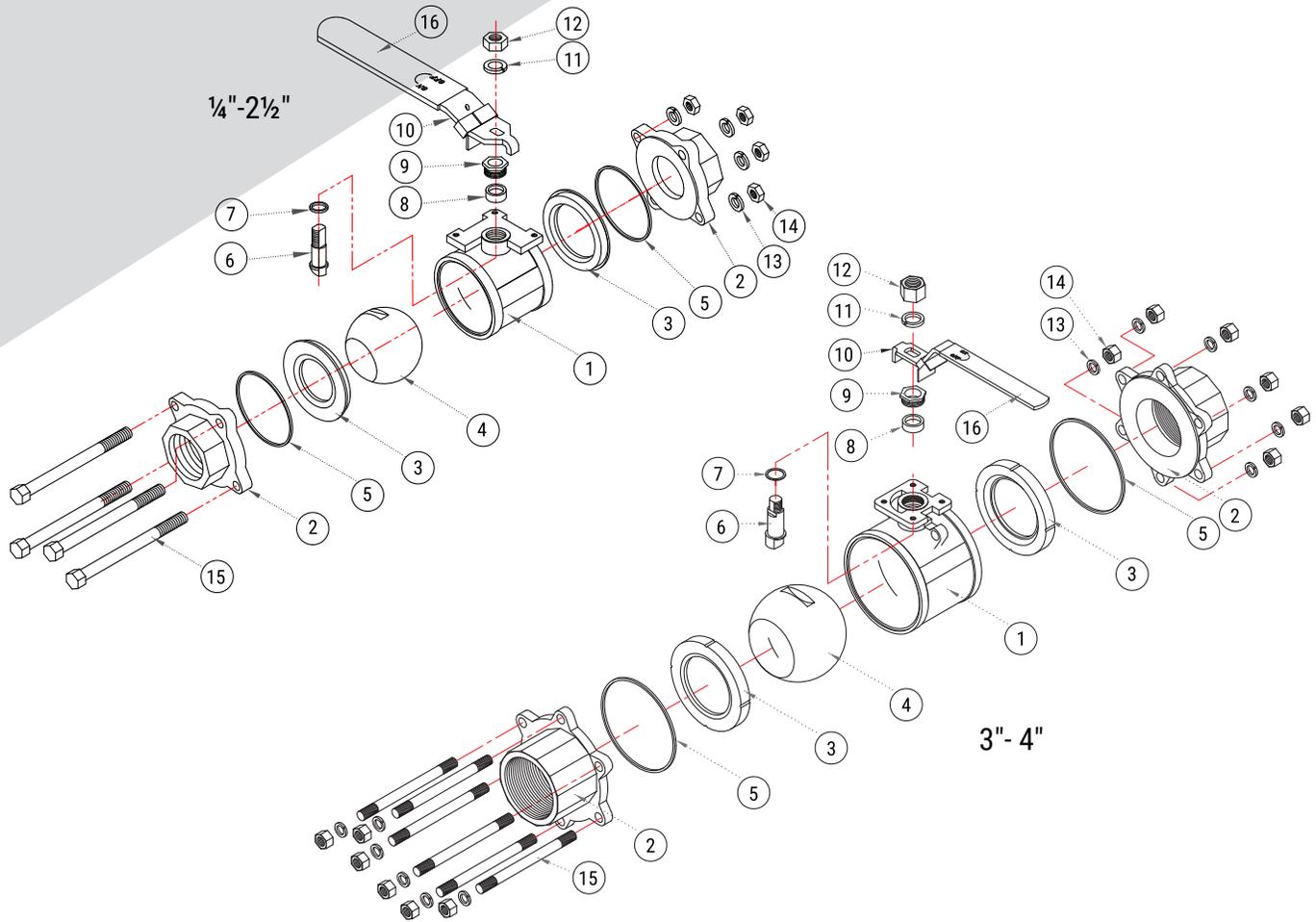
# Three-Piece Ball Valve Sharpe® Series 3903



## Dimensions (Inches)

Size	A	A1	B	C	ØD	ØE	F	ØG	ØH	ØI	J	K	L
¼	2.50	2.56	2.21	4.00	0.46	0.56	0.44	0.44	0.54	0.36	1.79	3.62	2.42
⅜	2.50	2.56	2.21	4.00	0.50	0.69	0.44	0.57	0.68	0.49	1.79	3.62	2.42
½	2.83	2.83	2.36	4.00	0.59	0.86	0.44	0.70	0.84	0.62	2.13	3.62	2.42
¾	3.34	3.34	2.47	5.00	0.79	1.07	0.56	0.92	1.05	0.82	2.66	3.78	2.56
1	3.62	3.62	2.81	5.70	0.98	1.33	0.72	1.19	1.32	1.05	2.82	3.78	2.56
1-¼	4.33	4.33	3.08	5.70	1.26	1.68	0.72	1.52	1.66	1.38	3.17	4.72	3.31
1-½	4.83	4.83	3.47	7.50	1.50	1.92	0.75	1.75	1.90	1.61	3.39	4.72	3.31
2	5.58	5.58	3.82	7.50	2.00	2.41	0.84	2.23	2.38	2.07	3.66	4.72	3.31
2-½	6.84	6.84	5.81	10.00	2.56	2.90	1.13	2.64	2.88	2.47	-	-	-
3	7.59	7.57	6.23	10.00	3.00	3.54	1.25	3.24	3.50	3.07	-	-	-
4	10.79	10.76	7.31	11.34	3.94	4.54	1.75	4.21	4.50	4.03	-	-	-

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## Parts & Materials

No.	Part Name	Qty	Material
1	Body	1	Carbon Steel ASTM A216 WCB or 316 Stainless Steel ASTM A351 CF8M
2	End Piece	2	Carbon Steel ASTM A216 WCB or 316 Stainless Steel ASTM A351 CF8M
3	Seat	2	RTFE
4	Ball	1	316 Stainless Steel
5	Body Seals	2	PTFE
6	Stem	1	316 Stainless Steel
7	Thrust Bearing	1	PTFE
8	Stem Packing	1	PTFE
9	Gland Packing	1	300 Series Stainless Steel
10	Handle	1	300 Series Stainless Steel
11	Handle Washer	1	300 Series Stainless Steel
12	Handle Nut	1	300 Series Stainless Steel
13	Lock Washer	4/12	300 Series Stainless Steel
14	Nut	4/12	300 Series Stainless Steel
15	Bolts	4/6	300 Series Stainless Steel
16	Hand Sleeve	1	PVC

# Three-Piece Ball Valve Sharpe® Series 5303



## How to order Series 5303

Example:  $\frac{1}{4}$  + 5303 + 6 + TE + =  $\frac{1}{4}$  - 5303 - 6 - TE

Size                      Series                      Body                      Ends

Size	Series	Body	Ends	Options
$\frac{1}{4}$	5303	4 Carbon Steel	4 Carbon Steel	NLS Non-Locking Stem Extension, 2- $\frac{1}{2}$ "
$\frac{3}{8}$		6 316 Stainless Steel	TE Threaded	OH Oval Handle (up to 2")
$\frac{1}{2}$			SW Socket Weld	
$\frac{3}{4}$			TE/SW Threaded / Socket Weld	
1			TE Threaded	
1- $\frac{1}{4}$			6 316 Stainless Steel	
1- $\frac{1}{2}$			TE Threaded	
2			SW Socket Weld	
2- $\frac{1}{2}$			BW Butt-weld (Sch 40)	
3			BW10 Butt-weld (Sch 10)*	
4			TE/SW Threaded / Socket Weld	
			TE/BW Threaded / Butt-weld (Sch 40)	
			TE/BW10 Threaded / Butt Weld (Sch 10)*	

**Note:**

\*POA

Due to continuous development of our product range, we reserve the right to change the dimensions and information for this product as required.

### **About ASC Engineered Solutions**

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruklok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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