

BALL VALVE





FACTORY CERTIFICATES





MAIN PRODUCTS

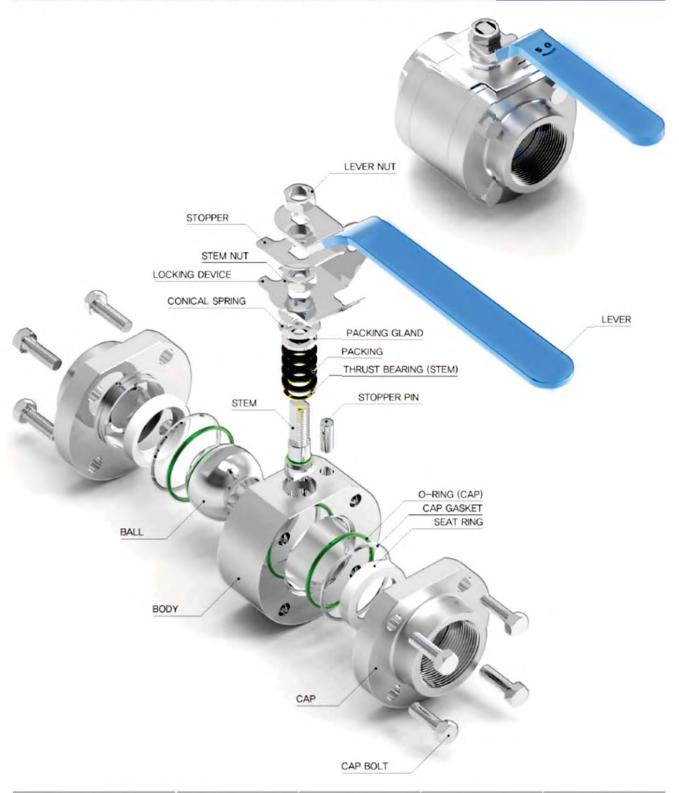
ANSI / ASTM / BS / API 6D / API 6A

Valve Type	Pressure (Lbs)	Size (NPS)	Product Level	Valve Type	Pressure (Lbs)	Size (NPS)	
Floating	150 ~ 300	~ 8"	TOP ENTRY	Trunnion	150 ~ 300	~ 48"	
	600	\sim 4"	Ball Valve		600	\sim 40"	
	900 ~ 1500	\sim 2"			900	\sim 36"	
Ball Valve	2500	~ 1.1/2"			1500	\sim 24"	
Trunnion	150 ~ 300	\sim 60"			2500	\sim 12"	
	600	~ 48"	TOP ENTRY	Trunnion	150 ~ 300	~ 48"	
	900	\sim 36"	Metal Seated		600	\sim 40"	
	1500	\sim 24"	Ball Valve		900	\sim 36"	
	2500	~ 12"			1500	~ 24"	
RYOGENIC Floating	150 ~ 300	~ 6"			2500	\sim 12"	
	600	~ 4"	3-WAY	Split Body	150 ~ 300	~ 24"	
	900 ~ 1500	~ 2"	Ball Valve		600	\sim 16"	
	2500	~ 1.1/2"			900	\sim 12"	
Trunnion	150 ~ 300	~ 48"		1500	~ 12"		
	600	\sim 40"	DBB VALVE Double		150 ~ 600	~ 24"	
	900	\sim 36"		Floating	900	\sim 24"	
	1500	~ 24"	Block and	Trunnion	1500	~ 12"	
	2500	~ 12"	Bleed Valve		2500	~ 12"	
Floating	150 ~ 300	~ 6"	STRAINER	Y-TYPE			
•	600	~ 4"		BUCKET	150 - 200	50 "	
	900 ~ 1500	~ 2"		T-TYPE	150 ~ 300	~ 56"	
	2500	~ 1.1/2"		DUPLEX			
Trunnion	150 ~ 300	~ 48"	◆ NOTE.		,		
	600	~ 48"	1. Face to fac	e: ASME E	316.10		
	900	~ 36"	2. End flange	dimension	: ASME B16.	5	
	1500	~ 24"	3. Design pres	ssure : ASM	ME B16.34 / E	3S5351	
	2500	~ 12"	4. Fire safe : API 6FA				
Uni-Body	150 ~ 300	~ 10"	5. General test: API 598				
0 " 0 .	150 ~ 600	~ 48"	(Observe cust	omor cooci	fination)		
	Floating Trunnion Floating Trunnion Floating Uni-Body	Floating 150 ~ 300 600 900 ~ 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 1500 2500 17unnion 150 ~ 300 600 900 ~ 1500 2500 1500 1500 2500 1500 1500 2500 1500 1500 2500 1500 1500 2500 1	Type (Lbs) (NPS) Floating $150 \sim 300$ ~ 8 " 600 ~ 4 " $900 \sim 1500$ ~ 2 " 2500 $\sim 1.1/2$ " Trunnion $150 \sim 300$ ~ 60 " 600 ~ 48 " 900 ~ 36 " 1500 ~ 24 " ~ 2500 ~ 12 " Floating $150 \sim 300$ ~ 6 " ~ 40 " ~ 20 " $900 \sim 1500$ ~ 24 " ~ 2500 ~ 12 " Floating $150 \sim 300$ ~ 6 " ~ 6 " 600 ~ 40 " ~ 24 " ~ 2500 ~ 12 " Floating $150 \sim 300$ ~ 6 " ~ 6 " 600 ~ 40 " ~ 20 " ~ 20 " ~ 100 ~ 12 " ~ 100 " Trunnion $150 \sim 300$ ~ 48 " ~ 100 ~ 100 "	Type	Type	Type	



Floating Ball Valve Range

Split Body (3-Piece) Forged Ball Valve



Ball Type	End Connection	Port	Class	Size
Forgod Body	Forged Body ASME B 1.20.1 (Screwed) ASME B 16.11 (Socket Weld)	Reduced	150 / 2500	1/2" ~ 2"
roiged Body		Full	150 / 2500	1/2" ~ 2"
Face to Face	TOP VALVE STANDARD			
Pressure Test	API 598 / API 6D			



Floating Ball Valve Range

Split Body (2-Piece) Floating Ball Valve

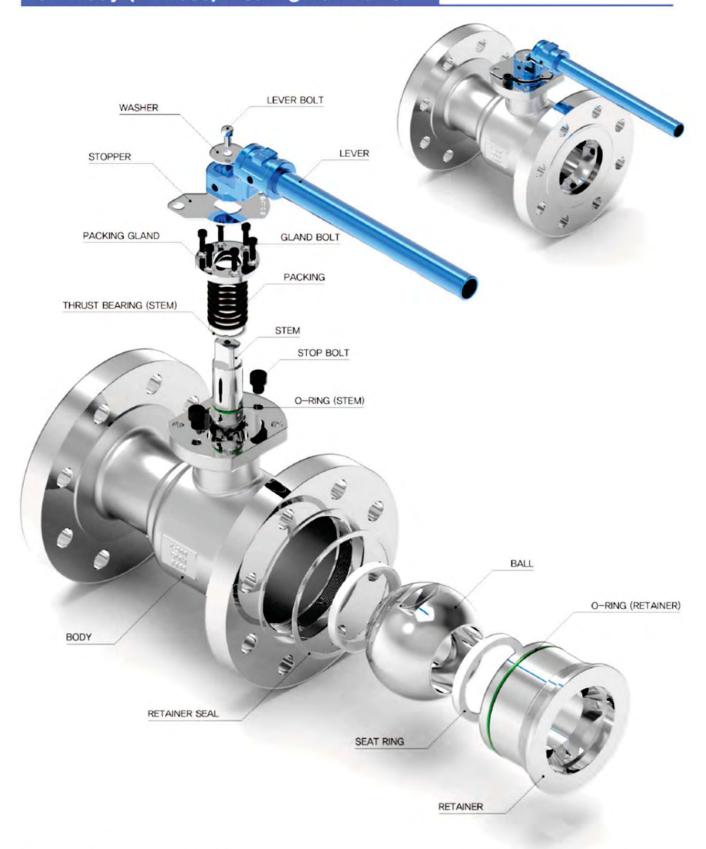


Ball Type	End Connection	Port	Class	Size	
	ACME DIGE		150	1/2" ~ 10"	
	ASME B16.5	Reduced	300	1/2" ~ 10"	
Split Body	(Flanged)		600	1/2" ~ 4"	
(2-Piece)	1011E D10.0E	Full	150	1/2" ~ 8"	
	ASME B16.25		300	1/2" ~ 8"	
	(Butt Weld)		600	1/2" ~ 4"	
Face to Face		ASME B16,10 / API 6D			
Pressure Test		API 598 /API 6D			



Floating Ball Valve Range

Uni Body (1-Piece) Floating Ball Valve

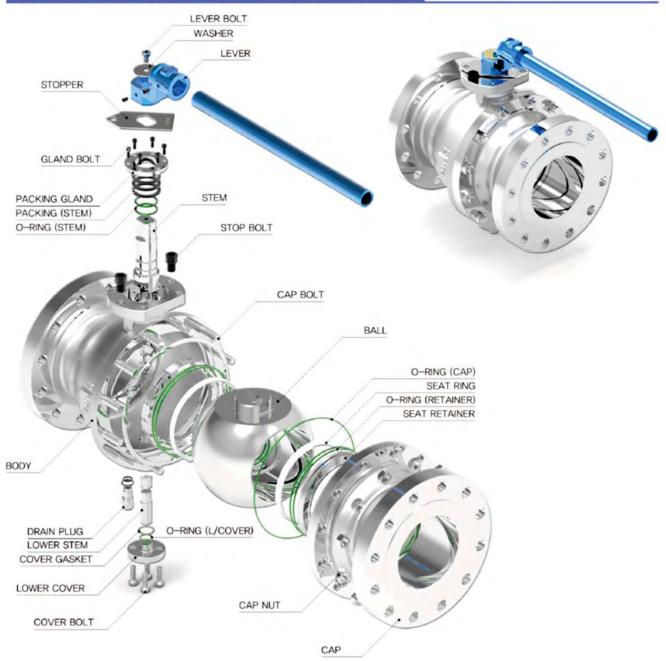


Ball Type	End Connection	Port	Class	Size
Uni Body (1-Piece)	ASME B16,5	Reduced	150 / 300	1/2" ~ 10"
Face to Face	ASME B16.10 / API 6D (Short Pattern)			
Pressure Test	API 598 / API 6D			



Trunnion Ball Valve Range

Split Body (2-Piece) Trunnion Ball Valve

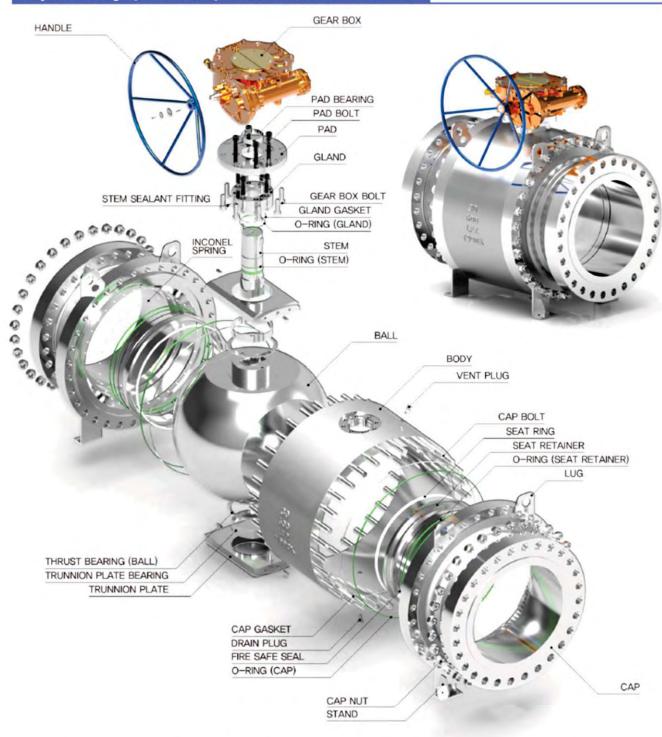


Ball Type	End Connection	Port	Class	Size	
			150	1.1/2" ~ 24"	
			300	1.1/2" ~ 24"	
	ASME B16.5	Reduced	600	1.1/2" ~ 16"	
	(Flanged)		900	1.1/2" ~ 12"	
Split Body	ASME B16.25		1500	1.1/2" ~ 8"	
(2-Piece)		Full	150	1.1/2" ~ 24"	
	(Butt Weld)		300	1.1/2" ~ 24	
	(Buil Weld)		600	1.1/2" ~ 16"	
			900	1.1/2" ~ 12"	
			1500	1.1/2" ~ 8"	
Face to Face	ASME B16.10 / API 6D				
Pressure Test		API 598 /API 6D			



Trunnion Ball Valve Range

Split Body (3-Piece) Trunnion Ball Valve

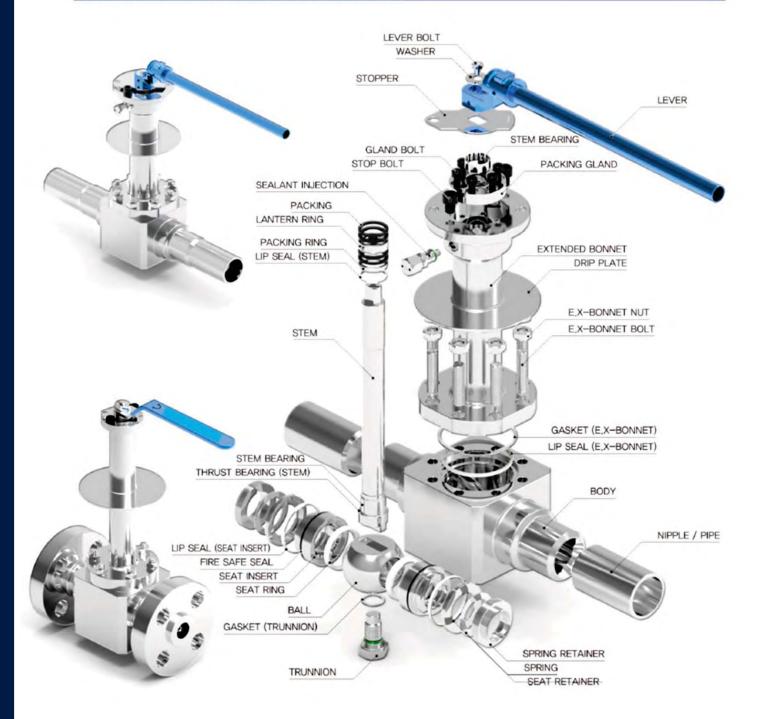


Ball Type	End Connection	Port	Class	Size
	ASME B16.5 (Flanged)		150	1.1/2" ~ 60
	AGME B10.5 (Flanged)	Reduced	300	1.1/2" ~ 60
Split Body	ASME B16.47 (Flanged)		600	1.1/2" ~ 48
(3-Piece)	MSS SP 44 (Flanged)		900	1.1/2" ~ 36
		Full	1500	1.1/2" ~ 24
	ASME B16.25 (Butt Weld)		2500	1.1/2" ~ 12
Face to Face	ASME B16.10 / API 6D			
Pressure Test	API 598 / API 6D			



Cryogenic Ball Valve Range

Cryogenic Top Entry Ball Valve

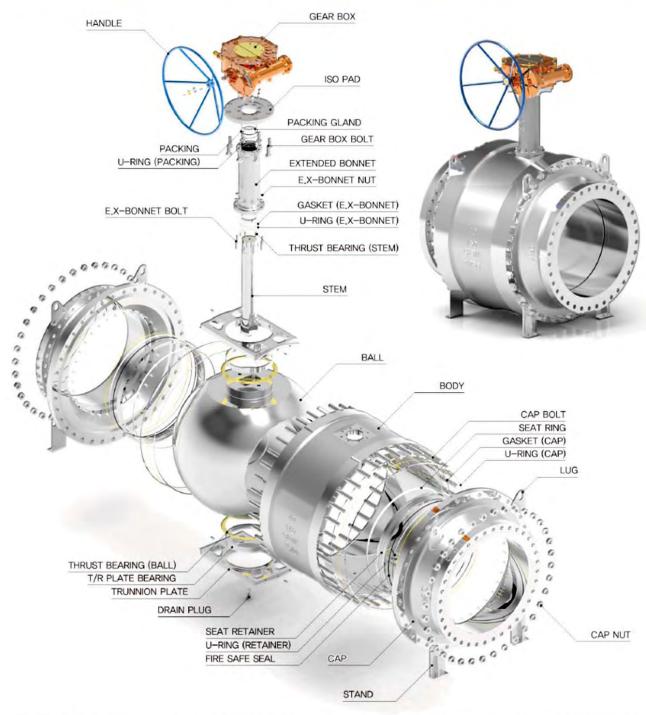


Ball Type	End Connection	Port	Class	Size
	ASME B16.5 (Flanged)		150	1/2" ~ 48
	ASME B16.47 (Flanged)	Reduced	300	1/2" ~ 48
Top Entry			600	1/2" ~ 40
(1-Piece)	ASME B16,25 (Butt Weld) ASME B 1,20,1 (Screwed)		900	1/2" ~ 36
		Full	1500	1/2" ~ 24
	ASME B 16.11 (Socket Weld)		2500	1/2" ~ 12
Face to Face	ASME B16.10 / API 6D			
Pressure Test	API 598 / API 6D / BS 6364			



Cryogenic Ball Valve Range

Split Body (2/3-Piece) Cryogenic Ball Valve

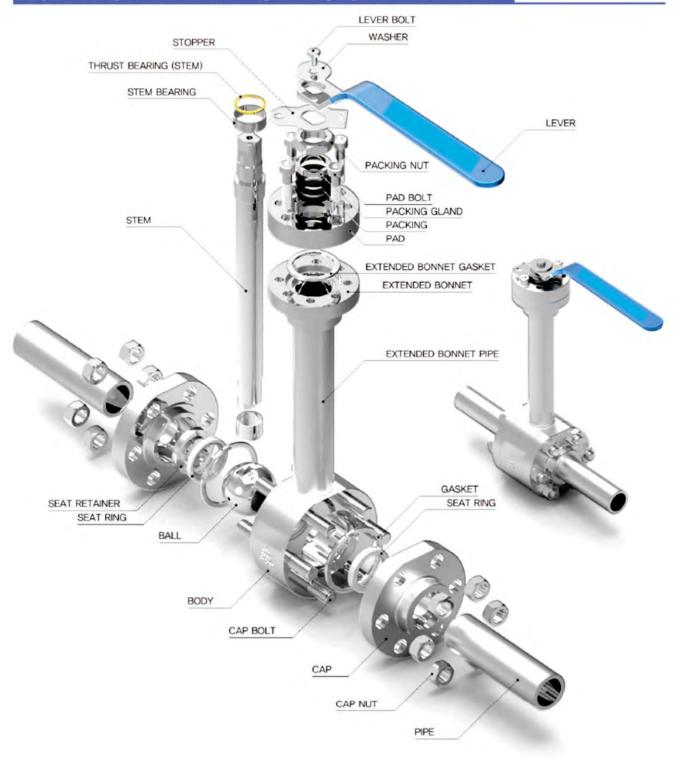


Ball Type	End Connection	Port	Class	Size		
Split Body	ASME B16.5 (Flanged) ASME B16.47 (Flanged) MSS SP 44 (Flanged) ASME B16.25 (Butt Weld)	Reduced Full	150 300 600 900 1500	$1/2$ " ~ 48 " $1/2$ " ~ 40 " $1/2$ " ~ 40 " $1/2$ " ~ 36 " $1/2$ " ~ 24 "		
Face to Face Pressure Test		2500 1/2" ~ ASME B16.10 / API 6D API 598 / API 6D / BS 6364				



Cryogenic Ball Valve Range

Split Body (3-Piece) Forged Cryogenic Ball Valve

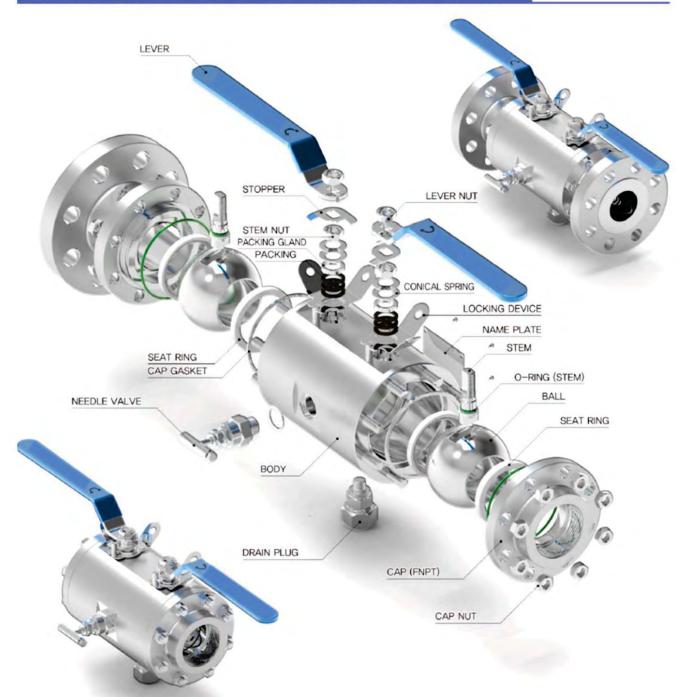


Ball Type	End Connection	Port	Class	Size	
ASME B 1.20.1	ASME B 1,20,1	Reduced	150 / 2500	1/2" ~ 2"	
Farmed Bade	(Screwed)	Full	150 / 2500	1/2" ~ 2"	
Forged Body	ASME B 16,11	Reduced	150 / 2500	1/2" ~ 2"	
	(Socket Weld)	Full	150 / 2500	1/2" ~ 2	
Face to Face		TOP VALVE STANDARD			
Pressure Test	API 598 / API 6D / BS 6364				



DBB Ball Valve Range

Split Body (3-Piece) Double Block & Bleed Ball Valve



Ball Type	End Connection	Port	Class	Size	
	ASME B 16.5	Dedicad	150 / 900	1/2" ~ 24"	
	(Flanged)	Reduced	1500 / 2500	1/2" ~ 12"	
ASME B1	ASME B16.25	EII	150 / 900	1/2" ~ 24"	
F	(Butt Weld)	Full	1500 / 2500	1/2" ~ 12"	
Forged Body	ASME B 1,20,1	Dartwood	150 / 900	1/2" ~ 2"	
	(Screwed)	Reduced	1500 / 2500	1/2" ~ 2"	
	ASME B 16.11	F. #	150 / 2500	1/2" ~ 2"	
(Socket Weld)	(Socket Weld)	Full	150 / 2500	1/2" ~ 2"	
Face to Face	TOP VALVE STANDARD				
Pressure Test		API 598 / API 6D			



Metal Seat Ball Valve Range

Split Body (3-Piece) Forged Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
	ASME B 1,20,1	Reduced	150 / 2500	1/2" ~ 3"
Farmed Bards	(Screwed)	Full	150 / 2500	1/2" ~ 2"
Forged Body	ASME B 16,11	Reduced	150 / 2500	1/2" ~ 3"
	(Socket Weld)	Full	150 / 2500	1/2" ~ 2"
Face to Face	TOP VALVE STANDARD	Press	ure Test	API 598 / API 60

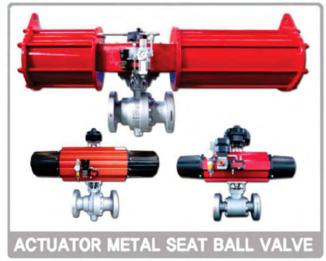
Split Body (2/3-Piece) Floating Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
	ASME B16.5 (Flanged) ASME B16.25 (Butt Weld)		150	1/2" ~ 6"
		Reduced	300	1/2" ~ 6"
Split Body			600	1/2" ~ 4"
(2-Piece)			150	1/2" ~ 4"
			300	1/2" ~ 4"
			600	1/2" ~ 3"
Face to Face	ASME B16.10 / API 6D	Pressu	re Test	API 598 / API 6D

Split Body (2/3-Piece) Trunnion Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
Split Body	ASME B16.5 (Flanged)	Reduced	150	1.1/2" ~ 48"
			300	1.1/2" ~ 48"
			600	1.1/2" ~ 40"
	ASME B16.47 (Flanged)		900	1.1/2" ~ 36"
			1500	1.1/2" ~ 24"
			2500	1.1/2" ~ 12"
(2/3-Piece)	MSS SP 44 (Flanged) ASME B 16.25 (Butt Weld)	Full	150	1.1/2" ~ 48"
			300	1.1/2" ~ 48"
			600	1.1/2" ~ 40"
			900	1.1/2" ~ 36"
			1500	1.1/2" ~ 24"
			2500	1.1/2" ~ 12"
Face to Face	ASME B16.10 / API 6D	Pressu	re Test	API 598 / API 6







Top entry & 3 Way Ball Valve Range

Top entry Soft & Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
Top entrty Soft Seat & Metal Seat Ball Valve	ASME B 1,20,1 (Screwed)	Reduced Full	150 / 300	1/2" ~ 2"
	ASME B 16.11 (Socket Weld)		600 / 900	1/2" ~ 2"
			1500 / 2500	1/2" ~ 2"
	ASME B16.5 (Flanged)		150	1/2" ~ 48
		Reduced	300	1/2" ~ 48
	ASME B16.47 (Flanged)		600	1/2" ~ 40
	MSS SP 44 (Flanged)	Full	900	1/2" ~ 36
	ASME B16.25 (Butt Weld)		1500	1/2" ~ 24
			2500	1/2" ~ 12
Face to Face	ASME B16.10 / API 6D			
Pressure Test	API 598 / API 6D			





3-Way Soft & Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
Split Body (3-Way Ball)	ASME B16.5 (Flanged) ASME B16.25 (Butt Weld)	Full	150 300 600 900	1.1/2" ~ 24" 1.1/2" ~ 24" 1.1/2" ~ 16" 1.1/2" ~ 12"
Face to Face	TOP VALVE STANDARD	1500 Pressure Test		1.1/2" ~ 12" API 598 / API 6D









Products Reference

Cryogenic Valve



Special Valve





Equipment & Facilities

Manufacturing Facilities



Inspection / Test Facilities







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