



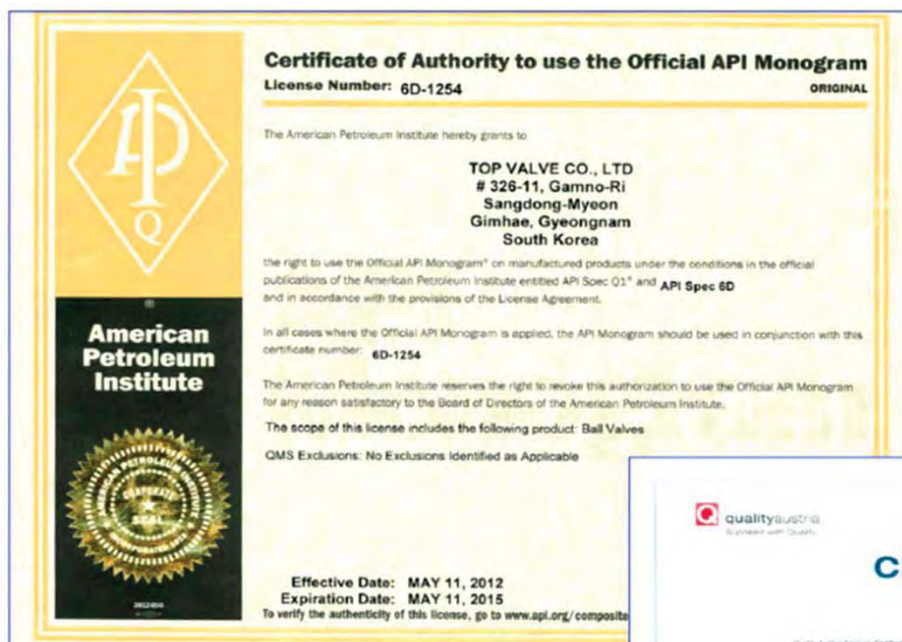
WORCOT UK

Special Flow Control & Engineering

BALL VALVE



FACTORY CERTIFICATES



- ◆ API 6D-1254
- ◆ API 6FA/607:FIRE SAFE
- ◆ ISO 9001 / 14001
- ◆ CE 0035
- ◆ BUREAU VERITAS (BV)



MAIN PRODUCTS

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

Product Level	Valve Type	Pressure (Lbs)	Size (NPS)	Product Level	Valve Type	Pressure (Lbs)	Size (NPS)	
SIDE ENTRY	Floating	150 ~ 300	~ 8"	TOP ENTRY	Trunnion	150 ~ 300	~ 48"	
Ball Valve	Floating	600	~ 4"	Ball Valve		600	~ 40"	
		900 ~ 1500	~ 2"			900	~ 36"	
		2500	~ 1.1/2"			1500	~ 24"	
						2500	~ 12"	
	Trunnion	150 ~ 300	~ 60"	TOP ENTRY	Trunnion	150 ~ 300	~ 48"	
		600	~ 48"			600	~ 40"	
		900	~ 36"			900	~ 36"	
		1500	~ 24"			1500	~ 24"	
	2500	~ 12"		2500	~ 12"			
CRYOGENIC	Floating	150 ~ 300	~ 6"	3-WAY	Split Body	150 ~ 300	~ 24"	
Ball Valve (Side-entry)	Floating	600	~ 4"			600	~ 16"	
		900 ~ 1500	~ 2"			900	~ 12"	
		2500	~ 1.1/2"			1500	~ 12"	
		Trunnion	150 ~ 300		~ 48"	DBB VALVE	Floating	150 ~ 600
600	~ 40"		900		~ 24"			
900	~ 36"		Trunnion		1500			~ 12"
1500	~ 24"				2500			~ 12"
	2500	~ 12"						
METAL SEAT	Floating	150 ~ 300	~ 6"	STRAINER	Y-TYPE	150 ~ 300	~ 56"	
Ball Valve (Side-entry)	Floating	600	~ 4"		BUCKET			
		900 ~ 1500	~ 2"		T-TYPE			
		2500	~ 1.1/2"		DUPLEX			
	Trunnion	150 ~ 300	~ 48"	◆ NOTE. 1. Face to face : ASME B16.10 2. End flange dimension : ASME B16.5 3. Design pressure : ASME B16.34 / BS5351 4. Fire safe : API 6FA 5. General test : API 598 (Observe customer specification)				
		600	~ 48"					
		900	~ 36"					
		1500	~ 24"					
	2500	~ 12"						
JACKETED	Uni-Body	150 ~ 300	~ 10"					
Ball Valve	Split-Body	150 ~ 600	~ 48"					

All valves are available for pneumatic and MOV operation.

Floating Ball Valve Range

Split Body (3-Piece) Forged Ball Valve



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

Floating Ball Valve Range

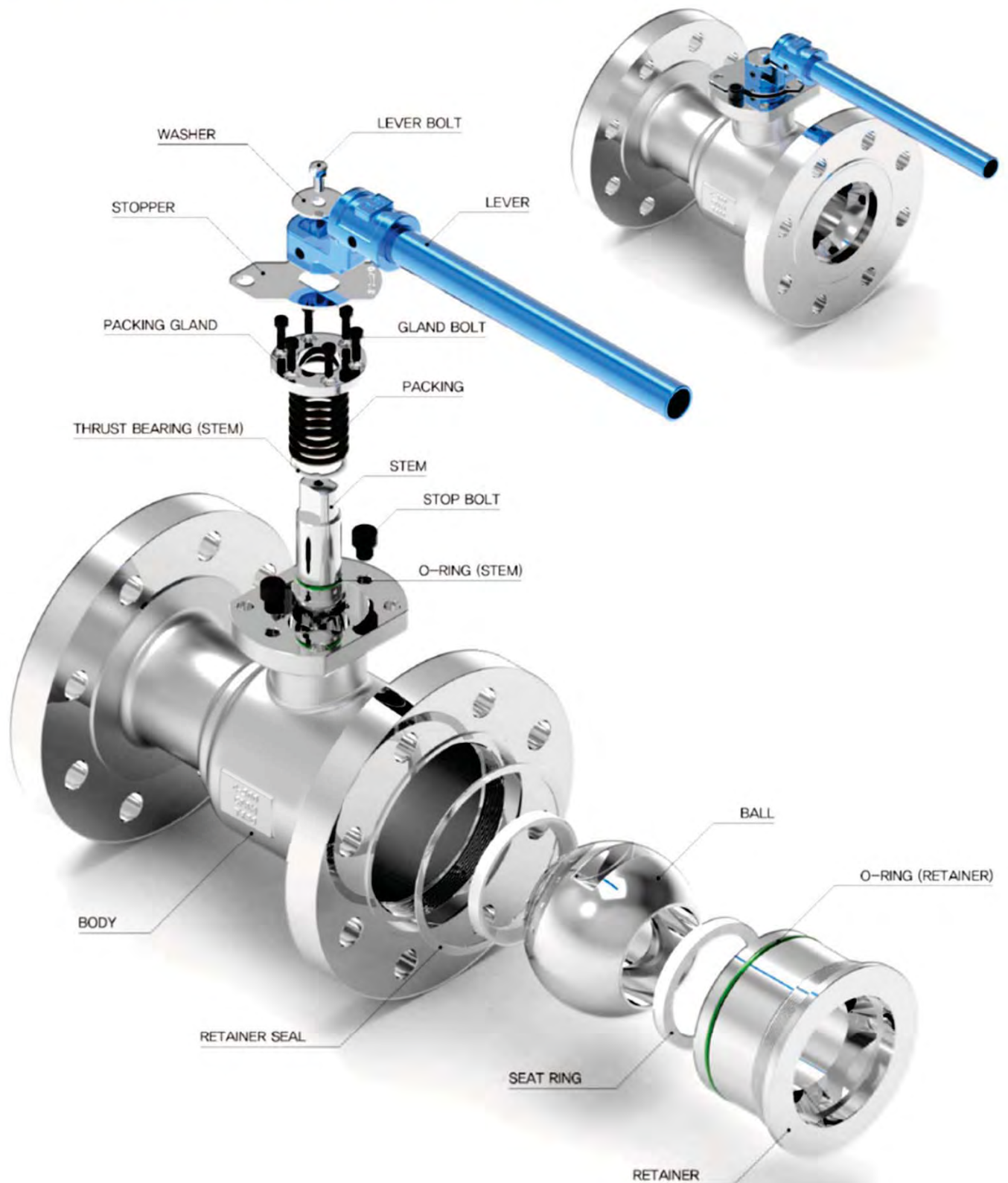
Split Body (2-Piece) Floating Ball Valve



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

Floating Ball Valve Range

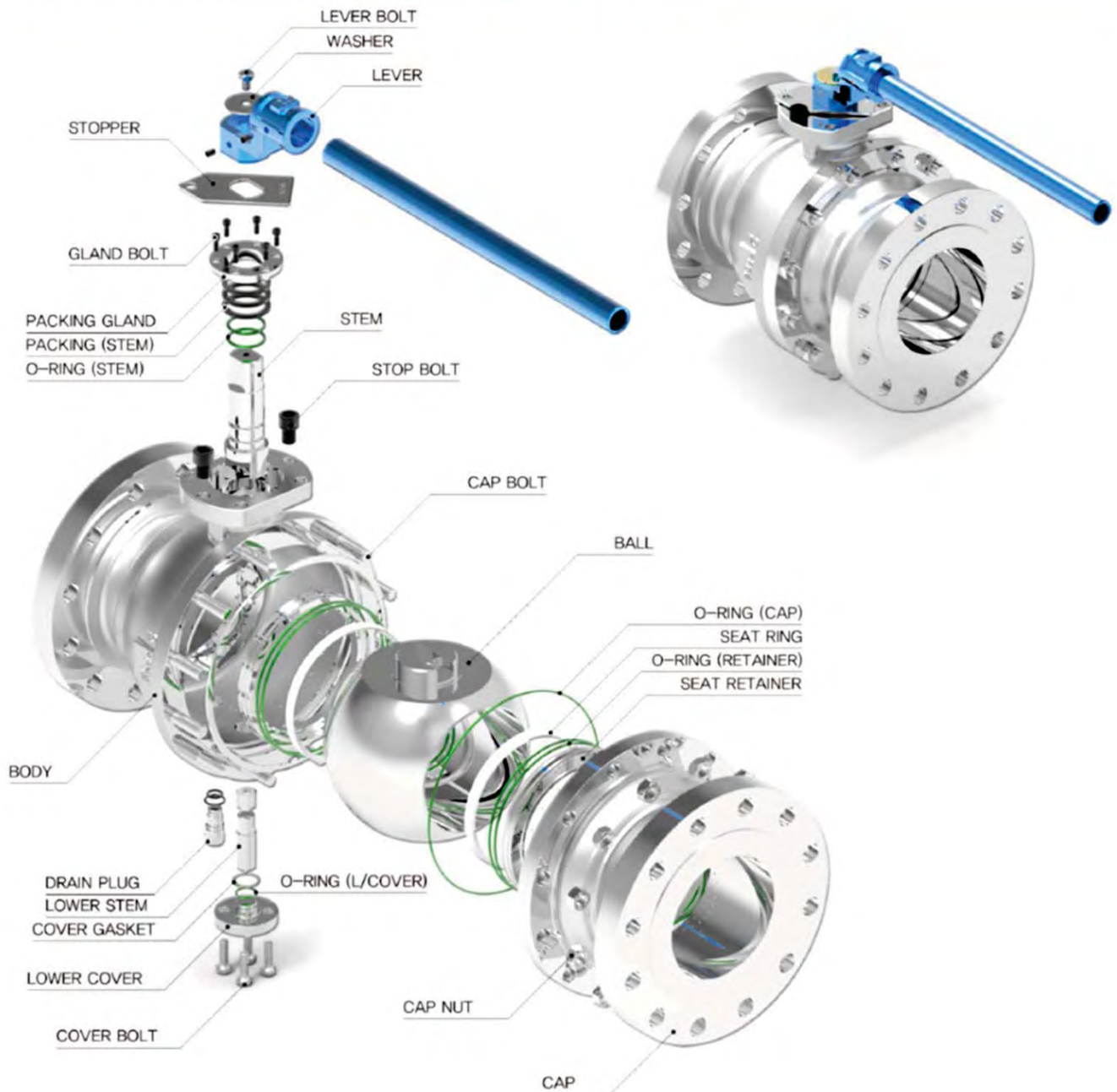
Uni Body (1-Piece) Floating Ball Valve



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

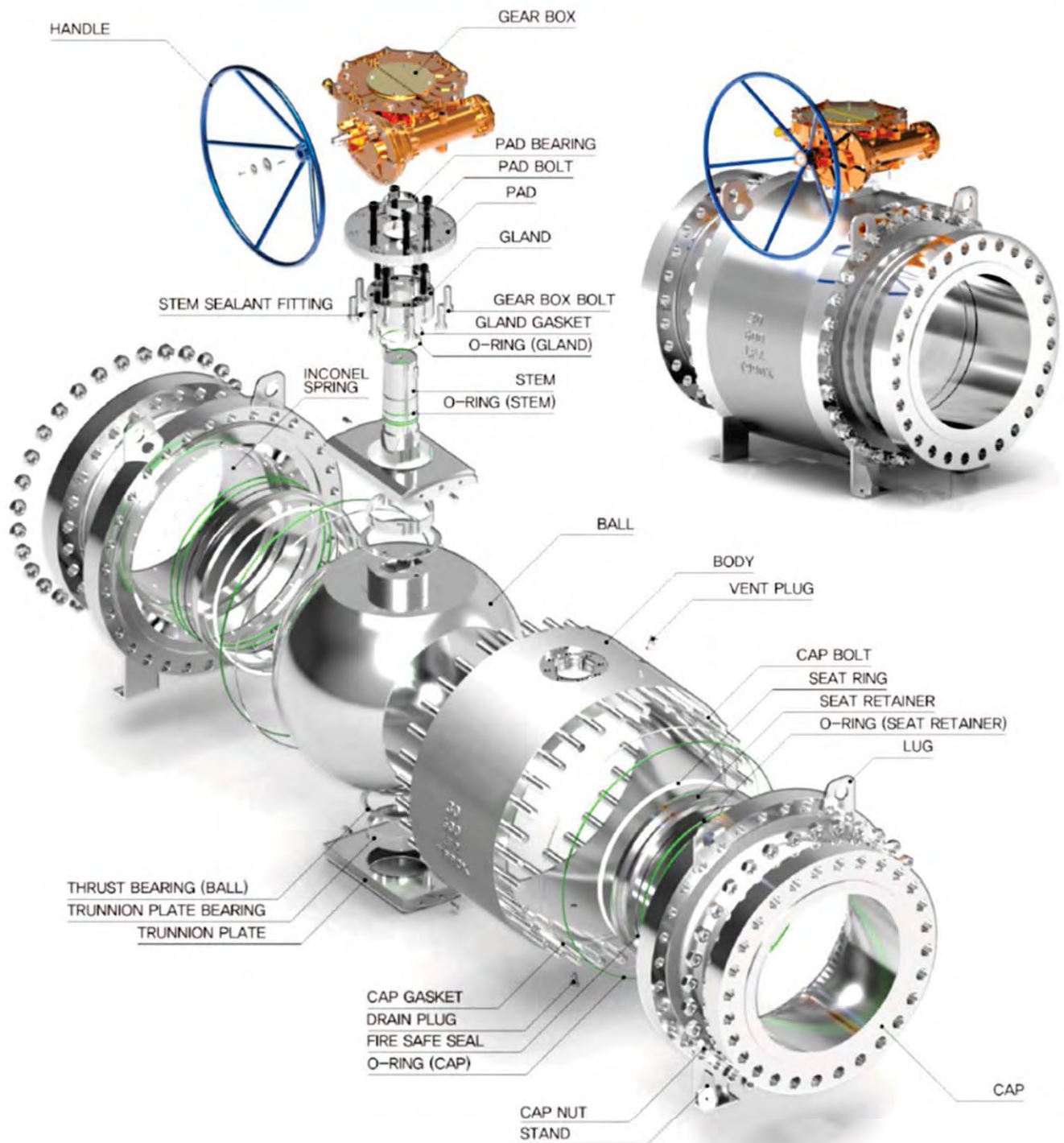
Split Body (2-Piece) Trunnion Ball Valve



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

Trunnion Ball Valve Range

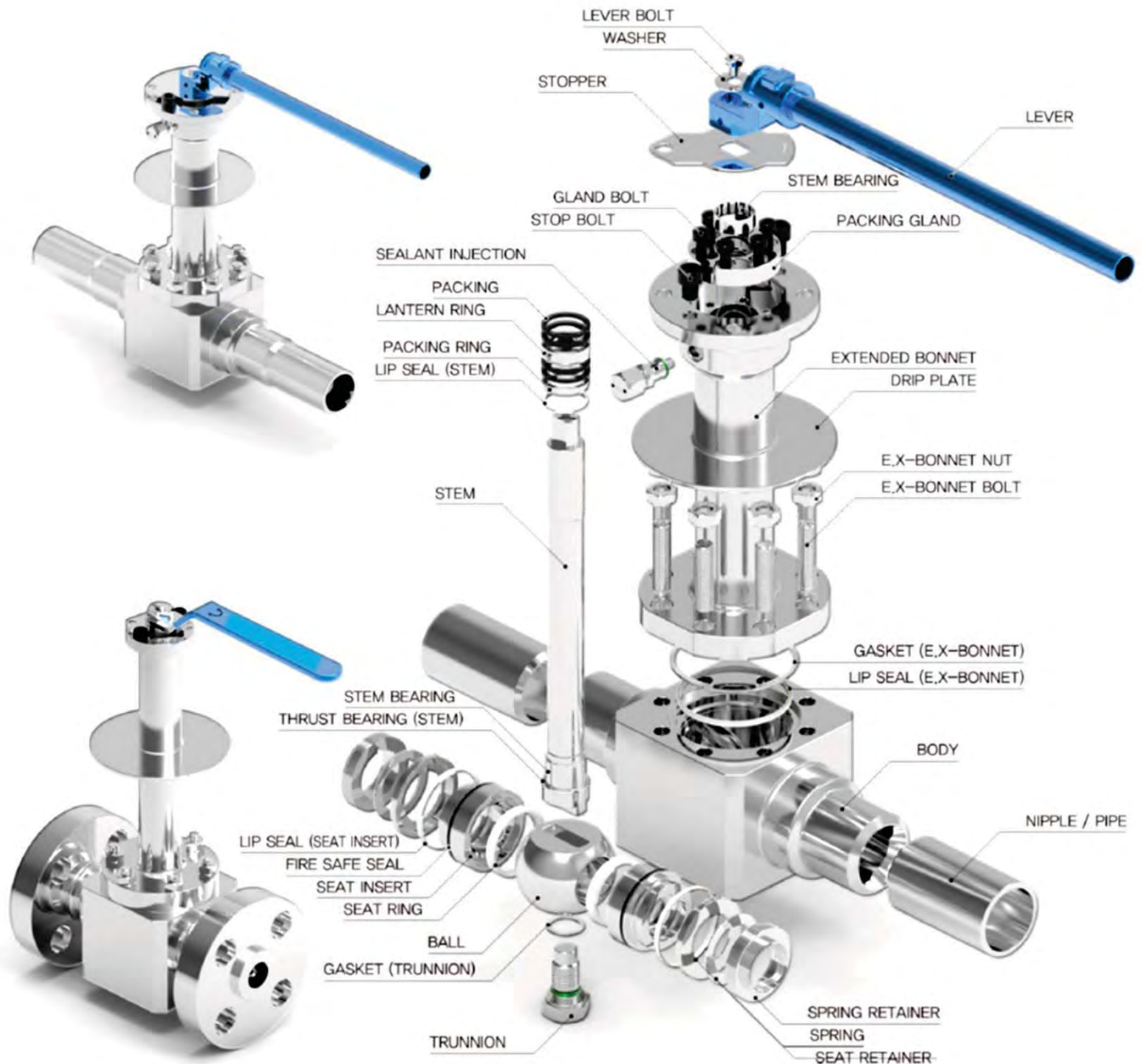
Split Body (3-Piece) Trunnion Ball Valve



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

Cryogenic Ball Valve Range

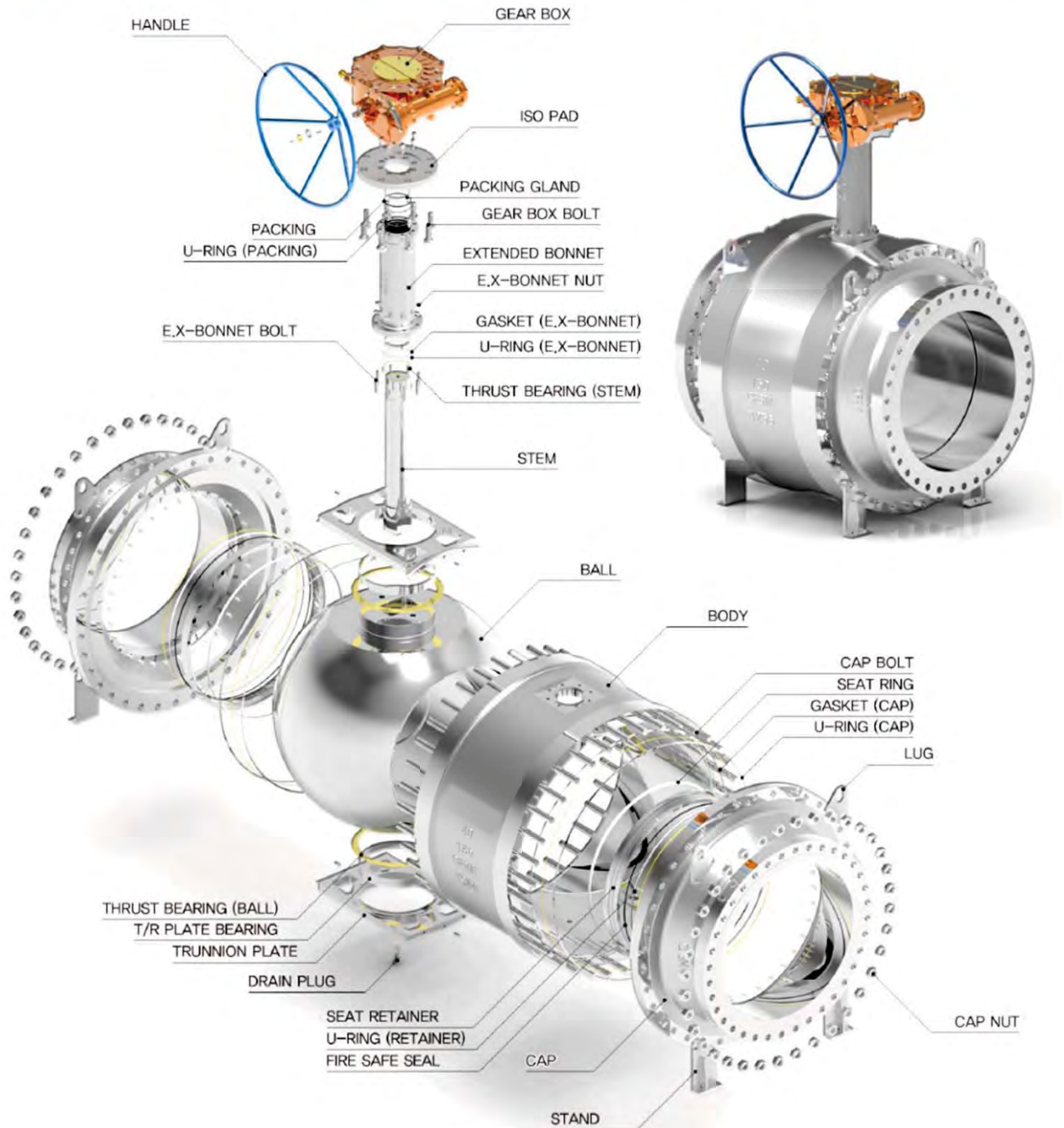
Cryogenic Top Entry Ball Valve



Ball Type	End Connection	Port	Class	Size
Top Entry (1-Piece)	ASME B16.5 (Flanged)	Reduced	150	1/2" ~ 48"
	ASME B16.47 (Flanged)		300	1/2" ~ 48"
	ASME B16.25 (Butt Weld)		600	1/2" ~ 40"
	ASME B 1.20.1 (Screwed)	Full	900	1/2" ~ 36"
	ASME B 16.11 (Socket Weld)		1500	1/2" ~ 24"
			2500	1/2" ~ 12"
Face to Face Pressure Test	ASME B16.10 / API 6D API 598 / API 6D / BS 6364			

Cryogenic Ball Valve Range

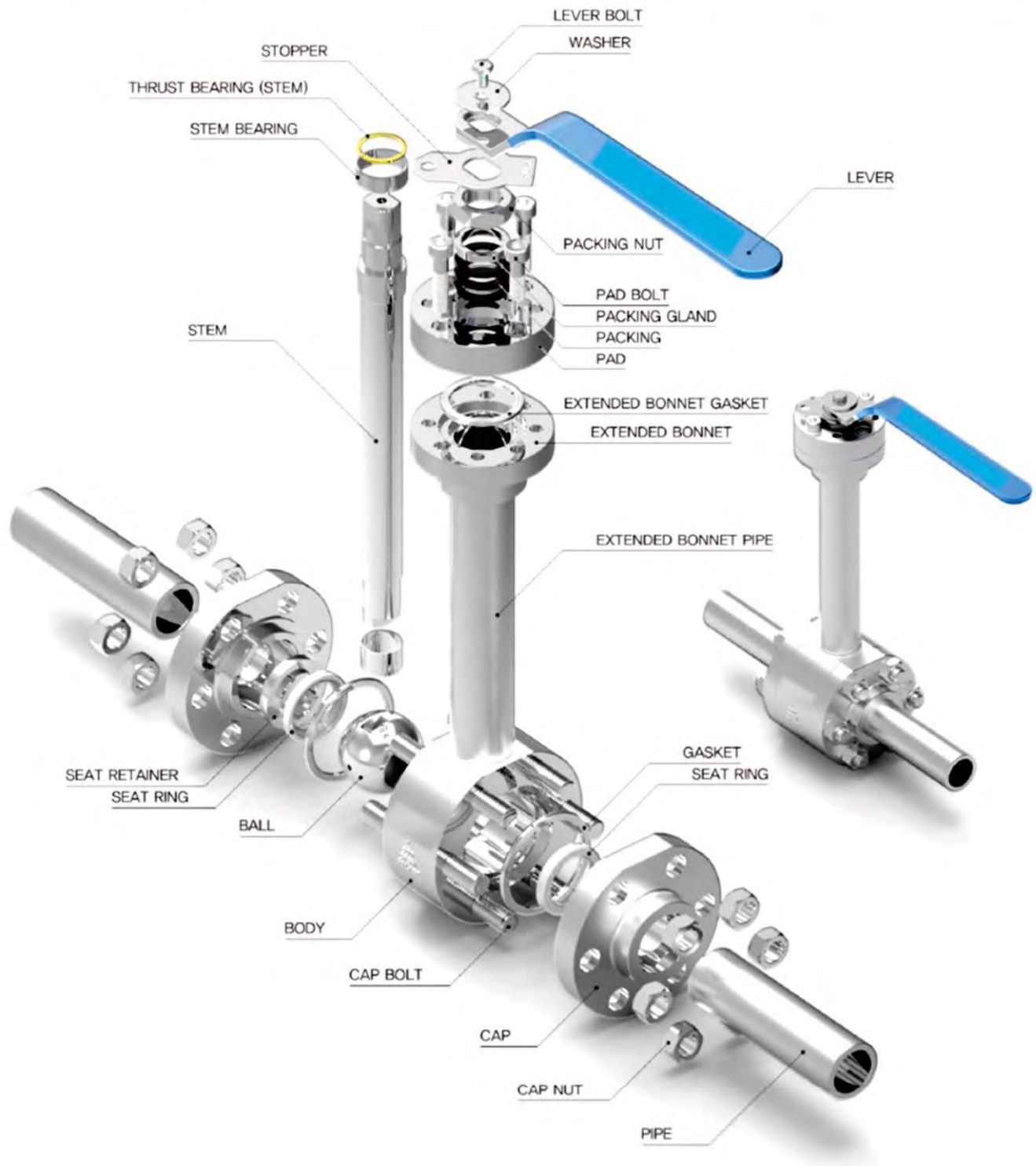
Split Body (2/3-Piece) Cryogenic Ball Valve



Ball Type	End Connection	Port	Class	Size
Split Body	ASME B16.5 (Flanged)	Reduced	150	1/2" ~ 48"
			300	1/2" ~ 48"
	ASME B16.47 (Flanged)		600	1/2" ~ 40"
	MSS SP 44 (Flanged)	Full	900	1/2" ~ 36"
			1500	1/2" ~ 24"
	ASME B16.25 (Butt 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

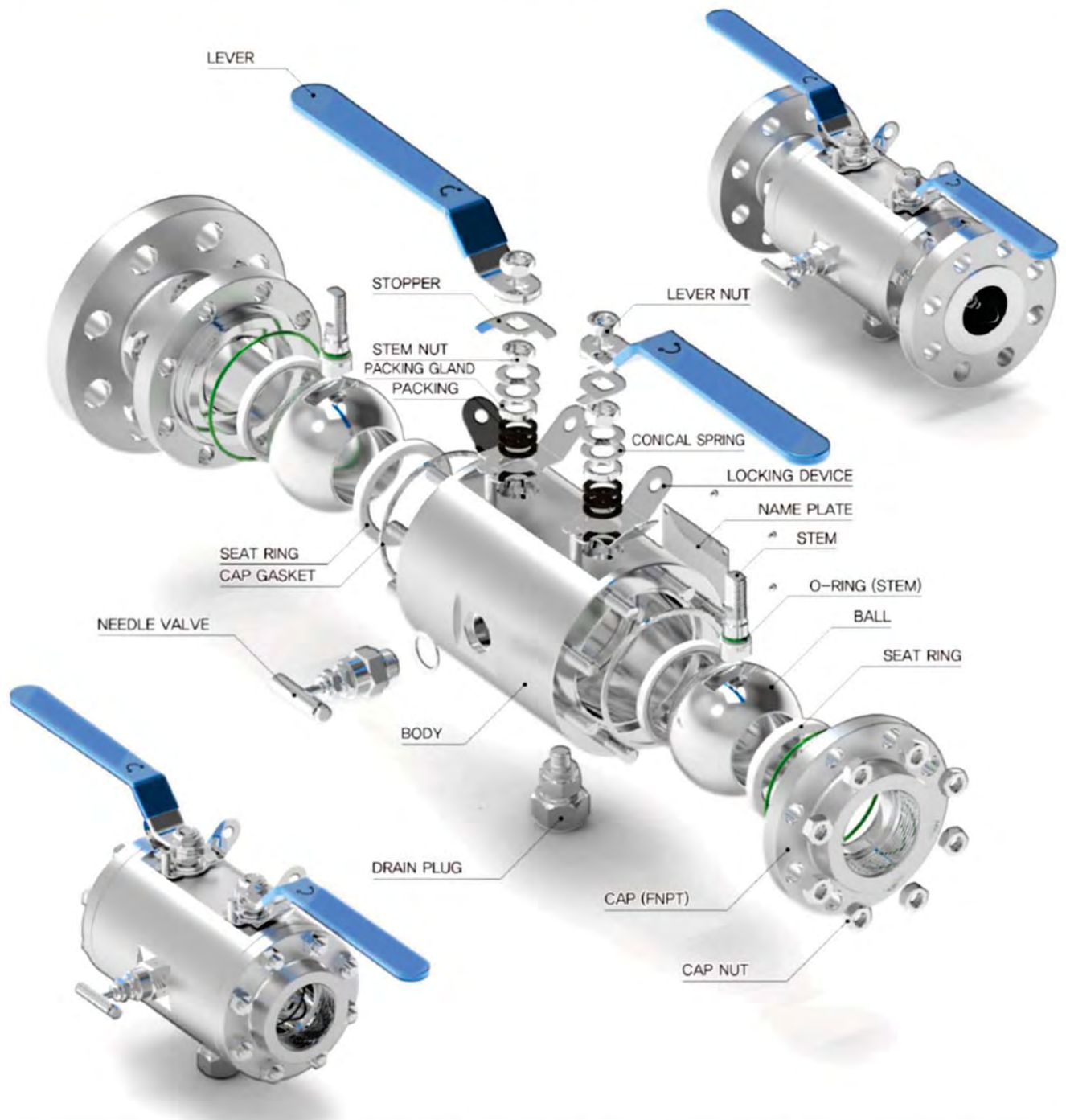
Split Body (3-Piece) Forged Cryogenic Ball Valve



Ball Type	End Connection	Port	Class	Size
Forged Body	ASME B 1.20.1 (Screwed)	Reduced	150 / 2500	1/2" ~ 2"
		Full	150 / 2500	1/2" ~ 2"
	ASME B 16.11 (Socket Weld)	Reduced	150 / 2500	1/2" ~ 2"
		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
Forged Body	ASME B 16.5 (Flanged)	Reduced	150 / 900	1/2" ~ 24"
			1500 / 2500	1/2" ~ 12"
	ASME B16.25 (Butt Weld)	Full	150 / 900	1/2" ~ 24"
			1500 / 2500	1/2" ~ 12"
	ASME B 1.20.1 (Screwed)	Reduced	150 / 900	1/2" ~ 2"
			1500 / 2500	1/2" ~ 2"
	ASME B 16.11 (Socket Weld)	Full	150 / 2500	1/2" ~ 2"
			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

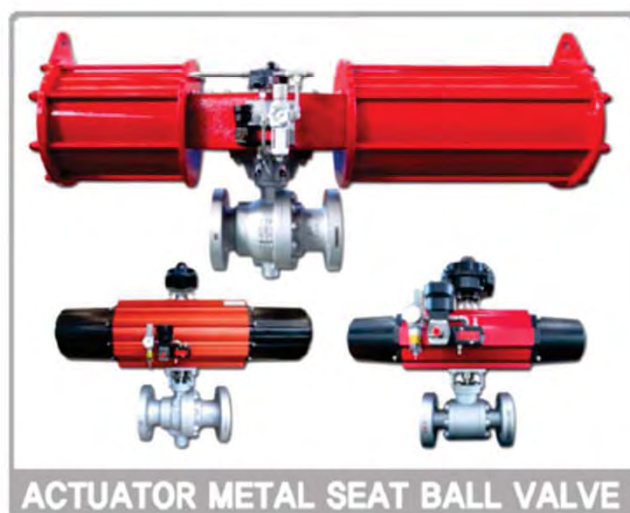
Ball Type	End Connection	Port	Class	Size
Forged Body	ASME B 1.20.1 (Screwed)	Reduced	150 / 2500	1/2" ~ 3"
		Full	150 / 2500	1/2" ~ 2"
	ASME B 16.11 (Socket Weld)	Reduced	150 / 2500	1/2" ~ 3"
		Full	150 / 2500	1/2" ~ 2"
Face to Face	TOP VALVE STANDARD		Pressure Test	API 598 / API 6D

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

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

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

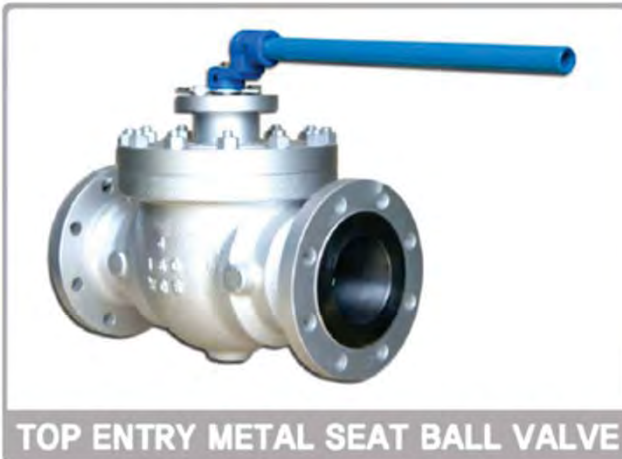
Ball Type	End Connection	Port	Class	Size
Split Body (2/3–Piece)	ASME B16.5 (Flanged)	Reduced	150	1.1/2" ~ 48"
			300	1.1/2" ~ 48"
			600	1.1/2" ~ 40"
			900	1.1/2" ~ 36"
			1500	1.1/2" ~ 24"
			2500	1.1/2" ~ 12"
	ASME B16.47 (Flanged)	Full	150	1.1/2" ~ 48"
			300	1.1/2" ~ 48"
			600	1.1/2" ~ 40"
			900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



Top entry & 3 Way Ball Valve Range

Top entry Soft & Metal Seat Ball Valve

Ball Type	End Connection	Port	Class	Size
Top entry Soft Seat & Metal Seat Ball Valve	ASME B 1.20.1 (Screwed)	Reduced	150 / 300	1/2" ~ 2"
	ASME B 16.11 (Socket Weld)	Full	600 / 900	1/2" ~ 2"
			1500 / 2500	1/2" ~ 2"
	ASME B16.5 (Flanged)		150	1/2" ~ 48"
			300	1/2" ~ 48"
	ASME B16.47 (Flanged)	Reduced	600	1/2" ~ 40"
	MSS SP 44 (Flanged)		900	1/2" ~ 36"
		Full	1500	1/2" ~ 24"
	ASME B16.25 (Butt Weld)		2500	1/2" ~ 12"
Face to Face Pressure Test	ASME B16.10 / API 6D API 598 / API 6D			



TOP ENTRY METAL SEAT BALL VALVE



FORGED TOP ENTRY BALL VALVE

3-Way Soft & Metal Seat Ball Valve

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



3-WAY METAL SEAT BALL VALVE



3-WAY BALL VALVE



PNEUMATIC BALL VALVE

Products Reference

Cryogenic Valve



Special Valve



