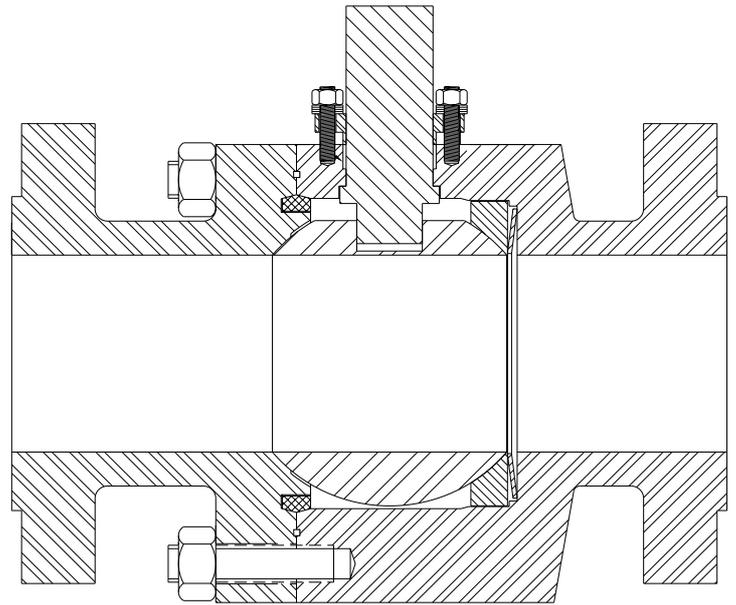


V1-4

VALVTECHNOLOGIES



High Pressure, Large Bore Valves ANSI 900-2500 100mm-900mm



APPLICATIONS

Mining & Minerals Processing

- Concentrate Pipelines
- Tailings Pipelines
- Paste Backfill
- Autoclaves Block

Hydrocarbons & Refining

- Catalyst Handling
- Emergency Shut-Down
- EMIT-X Dual Seal for Zero Emissions Areas
- High-Pressure Cutting Water Isolation
- High-Pressure Specialty Chemicals
- Hydrogen Isolation and Control
- Main Steam Isolation
- Polymer Isolation
- Toxic Materials Handling
- H-Oil
- Ethylene and Ethylene Oxide
- Hydrocracking
- LC Fining
- Polyethylene (HD and LLD)
- Styrene Purification
- Unifining
- Ultraformer

Oil & Gas

- Emergency Shut-Down
- HIPPS Isolation
- Inconel Clad for Sour Gas Service
- Pig Launchers and Receivers

Power

- Gasifiers
- Steam Vents

The V1-4 category extends our core design concepts to larger diameter and higher pressure applications. This valve is designed for critical isolation applications in the Mining & Minerals Processing, Power, Hydrocarbon Refining and Processing, Oil and Gas Production and other industries. The V1-4 is available in ANSI pressure classes 900 to 2500, in sizes 100mm to 900mm and in virtually any material with pressure containing parts made exclusively from forgings. Standard end connections are butt weld and flanged or valves can be custom designed to include special end connections; as well as purge ports, cavity fillers, fugitive emission bonnets, abrasion resistant linings and many other process-specific options.



ASME International

Integral Seat, Zero Leakage, Severe Service Metal Seated Ball Valves

FULL PORT DIMENSIONS (ANSI 900/1500/2500)

ANSI VALVE SIZE		900#			1500#			2500#		
DN	INCHES	BORE	F-to-F	FLANGE O.D.	BORE	F-to-F	FLANGE O.D.	BORE	F-to-F	FLANGE O.D.
100	4"	89	457	292	89	546	311	89	673	356
150	6"	130	610	381	130	705	394	89	914	483
200	8"	181	737	470	154	832	495	130	1,022	552
250	10"	205	838	546	205	991	584	181	1,270	673
300	12"	256	965	610	256	1,130	673	205	1,422	762
350	14"	306	1,029	641	256	1,257	749	-	-	-
400	16"	337	1,130	705	306	1,384	826	-	-	-
450	18"	387	1,219	787	337	1,537	914	-	-	-
500	20"	438	1,321	857	387	1,664	984	-	-	-
550	22"	489	1,435	953	-	-	-	-	-	-
600	24"	489	1,549	1,041	489	1,943	1,168	-	-	-
650	26"	540	1,664	1,086	-	-	-	-	-	-
700	28"	591	1,778	1,168	-	-	-	-	-	-
750	30"	641	1,892	1,232	-	-	-	-	-	-
800	32"	692	2,007	1,314	-	-	-	-	-	-
850	34"	743	2,121	1,397	-	-	-	-	-	-
900	36"	794	2,235	1,461	-	-	-	-	-	-

NOTE: Other bore sizes are available, please consult with factory.

STANDARD PORT DIMENSIONS (ANSI 900/1500/2500)

ANSI VALVE SIZE		900#			1500#			2500#		
DN	INCHES	BORE	F-to-F	FLANGE O.D.	BORE	F-to-F	FLANGE O.D.	BORE	F-to-F	FLANGE O.D.
100	4"	54	457	292	54	546	311	54	673	356
150	6"	89	610	381	89	705	394	54	914	483
200	8"	130	737	470	130	832	495	89	1,022	552
250	10"	181	838	546	181	991	584	154	1,270	673
300	12"	205	965	610	205	1,130	673	181	1,422	762
350	14"	205	1,029	641	205	1,257	749	-	-	-
400	16"	256	1,130	705	256	1,384	826	-	-	-
450	18"	306	1,219	787	306	1,537	914	-	-	-
500	20"	337	1,321	857	306	1,664	984	-	-	-
550	22"	387	1,435	953	-	-	-	-	-	-
600	24"	438	1,549	1,041	387	1,943	1,168	-	-	-
650	26"	489	1,664	1,086	-	-	-	-	-	-
700	28"	489	1,778	1,168	-	-	-	-	-	-
750	30"	540	1,892	1,232	-	-	-	-	-	-
800	32"	591	2,007	1,314	-	-	-	-	-	-
850	34"	641	2,121	1,397	-	-	-	-	-	-
900	36"	692	2,235	1,461	-	-	-	-	-	-

NOTE: Other bore sizes are available, please consult with factory.



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