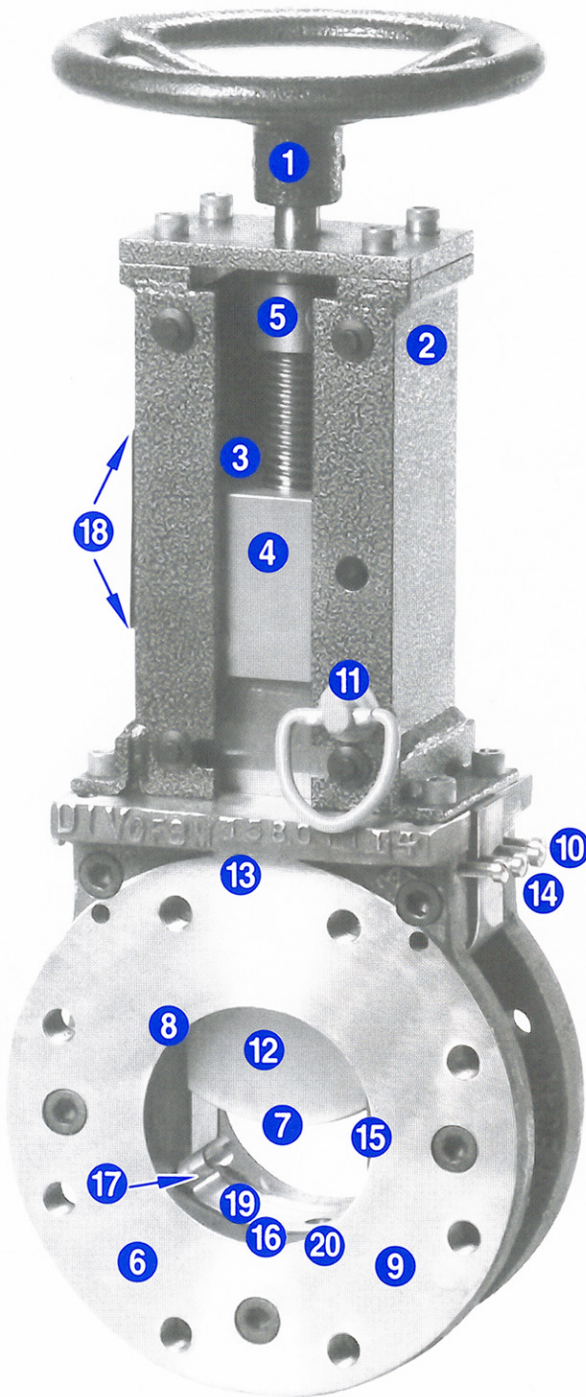


Series CBB Features



- 1 Non-rising stem permits minimum installation clearance. Single actuator used on automated valves.
- 2 Common yoke assembly accepts various actuators and permits quick, easy "in-field" actuator changes. Automated valves are available from the factory.
- 3 Lexan covers protect interior mechanisms; eliminate "pinch points" and exposed moving parts.
- 4 Highly visible fluorescent colored stem nut helps verify valve position, threads of nut are Xylan (fluoropolymer) coated, eliminating the need to lubricate the stem.
- 5 Solid stainless steel stem stays rust and corrosion free for years of reliable service.
- 6 Precision machined valve faces assure exacting dimensions and help prevent gasket failure.
- 7 Beveled-edged gates cut through tough solids, dual metal and dual resilient seats provide for a bi-directional zero leak seal.
- 8 Internal mechanically-retained ring seals prevent shifting. Interference fit of seals allow for sealing independent of pipeline pressure.
- 9 Bodies are solid cast or solid plate of specified material, fully flanged ASME 125/150 or 300. Pipe flange holes are available in threaded or bolt-through styles.
- 10 No traditional style stuffing box, patented seal design delivers longer seal life. US Patents #5205317 & #5178180.
- 11 Gate-retaining pin keeps gates in full-open or full-closed position to avoid unwanted actuation, allows for in-field actuator repairs or changes.
- 12 Gates are precision ground on all four sides to reduce adhesion of flow media and lengthen seal life.
- 13 Dual scraper blades clean gates during actuation and keep abrasives away from seals.
- 14 "In-service" repackable seal allows seal adjustments under full line pressure, without valve disassembly. Packing chamber and screw size increase with valve size.
- 15 Gates are fully guided by valve body during entire actuation to eliminate "flutter" and gate warping.
- 16 Bottom of port has no cavity for material buildup; smooth bore design minimizes seal wear at high flow velocities. Ni-hard wear rings, bore reducers and flow control inserts are available as options.
- 17 Flush-out areas in bottom of port clean the seating area during actuation; no external flushing ports needed.
- 18 Integral limit switch mount (mechanical or proximity style,) pre-drilled on every valve for easy in-field retrofit.
- 19 Center section - isolated space between (2) gates.
- 20 One of (3) drilled and tapped purge ports (center section - isolated space).



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