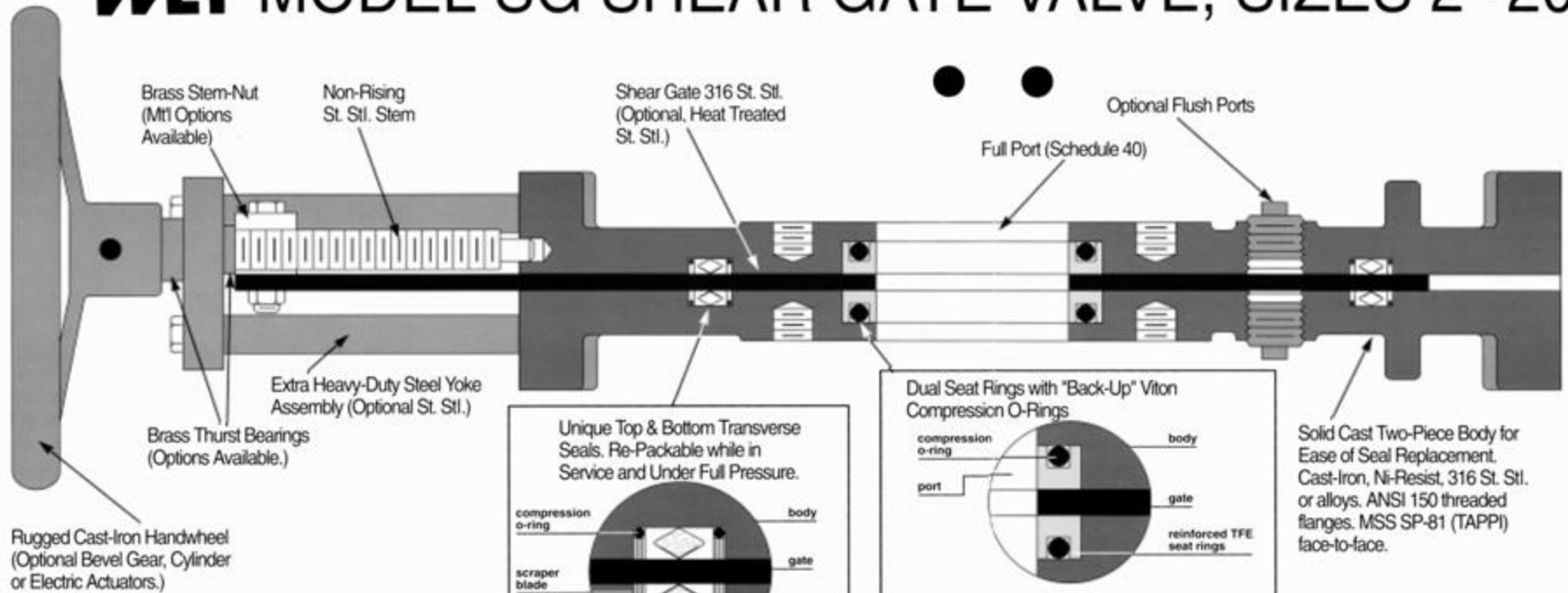


WEY®



SHEAR GATE VALVES

WEY® MODEL SG SHEAR GATE VALVE, SIZES 2"-20"

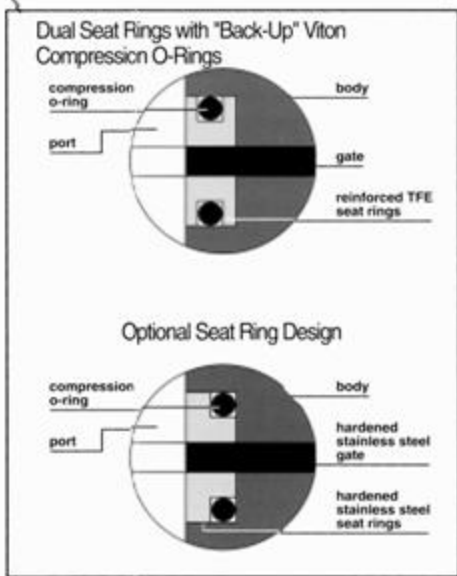
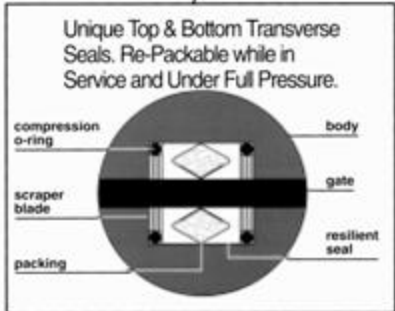


The WEY® Model SG Shear Gate Valve is not like any other "through-gate" valve. Other through-gate valves have large internal body cavities in which solid materials can build up to jam operation of the gate. These other designs also have a gate which is suspended by packing chambers which leads to gate/seat misalignment and leakage.

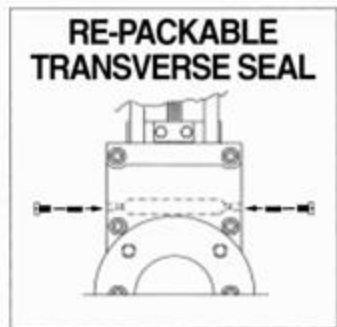
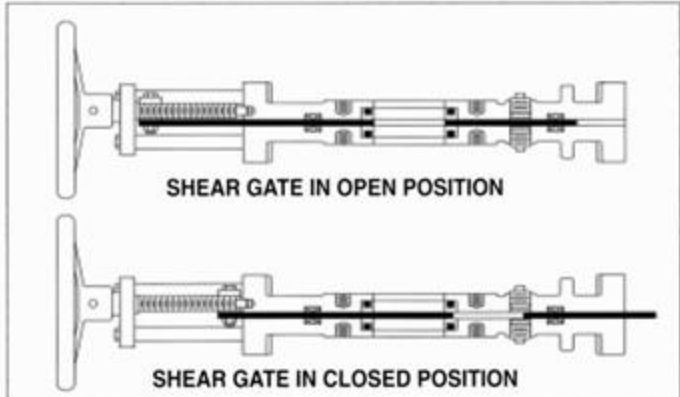
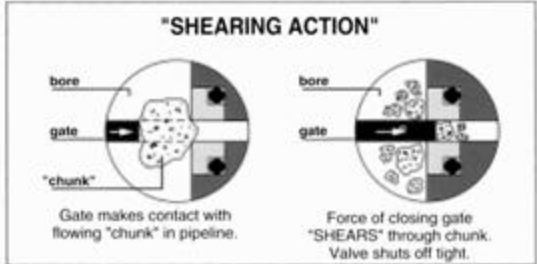
In the WEY Shear Gate Valve there are no internal cavities to fill up and jam operation of the valve. The gate always completely fills the precision machined gate slot in the body. The top and bottom transverse seals do not suspend the gate, thereby eliminating the typical gate misalignment found in other styles of through-gate valves. These unique transverse seals are protected by compression loaded scraper blades which clean the gate prior to seal contact. The transverse seal design provides superior sealing with less frictional force and permits re-packing while in service and under full pressure.

When furnished with correct gate and seat materials, the WEY Shear Gate Valve will cut through a static column of large chunk materials with proven performance for hundreds of thousands of cycles. Working and shut-off pressure ratings to 150 psi C.W.P.

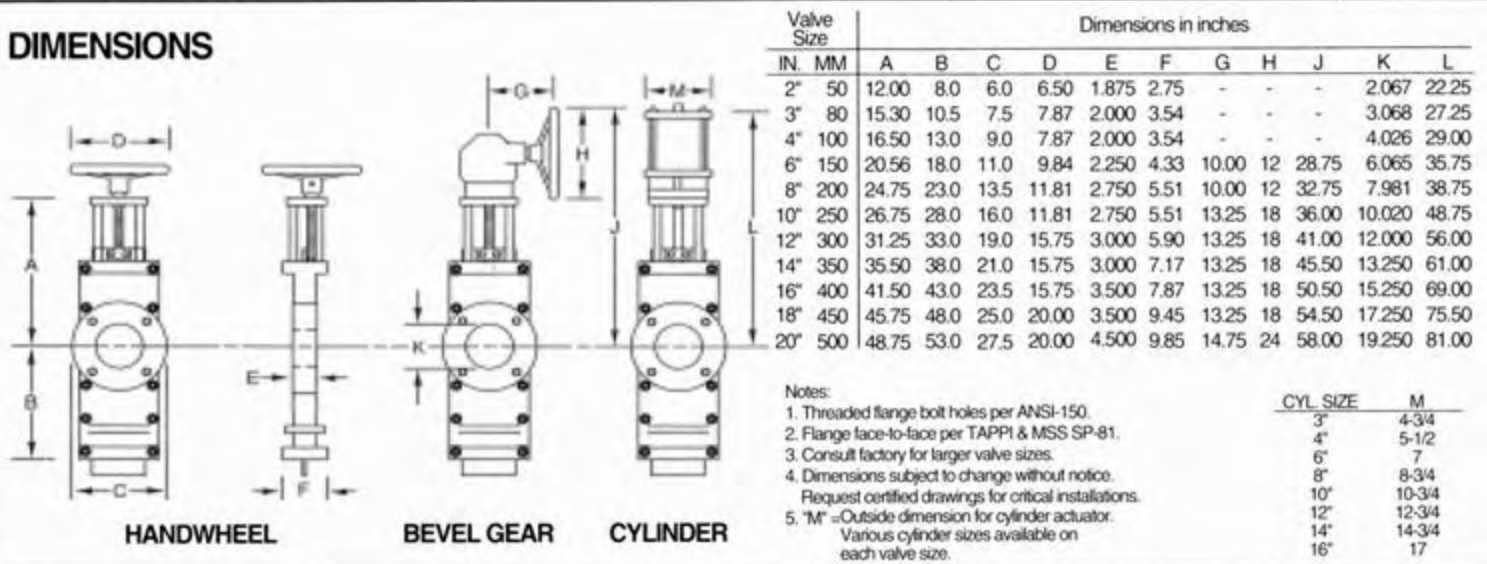
The WEY Shear Gate Valve, another example of high performance valve technology from WEY Valve, Inc.



Solid Cast Two-Piece Body for Ease of Seal Replacement. Cast-Iron, Ni-Resist, 316 St. Stl. or alloys. ANSI 150 threaded flanges. MSS SP-81 (TAPPI) face-to-face.



DIMENSIONS



MATERIALS, ACCESSORIES & OPTIONS

MATERIALS BODY	GATE	SEATS**	TRANSVERSE SEALS	YOKE ASSEMBLY	ACTUATORS	ACCESSORIES	OPTIONS
Cast-Iron	316 St. Stl.	Reinforced TFE	Viton	Steel with rubberized	Handwheel	Limit Switches	Top & Bottom Enclosures
Ni-Resist	410 St. Stl.*	410 St. Stl.*	Buna-N	vinylester paint. (2 coats)	Bevel Gear	Solenoid Valves	OSHA Guards
316 St. Stl.	440 St. Stl.*	440 St. Stl.*	EPDM		Air Cylinder	Positioners	Inlet & Outlet Wear Rings
Alloys	Alloys		AFLAS	316 St. Stl.	Hyd. Cylinder	Proximity Switches	V-Port
			TFE (Std. packing matl is TFE)		Elect. Motor	"Lock-Out" Feature	Diamond Port
					Chainwheel	Position Indicator	Leak Detection Chamber
							Purge Ports

* Series 400 St. Stl. Materials are Heat Treated for added Hardness and Wear Resistance. (Gate and Seat of same Matl not recommended.)
 410 St. Stl. = (Rockwell C-45)
 440 St. Stl. = (Rockwell C-54)
 ** Furnished with Viton back-up compression O-Rings unless otherwise specified
 Standard scraper blade material is glass filled phenolic. Consult factory for optional materials based on application.

OTHER SPECIALTY VALVES FROM WEY VALVE, INC.



MODEL VL/SL
Lug Style
Knife Gate Valve



MODEL A1/NA1
Full Flange Style
Knife Gate Valve



MODEL TIS
Transmitter
Isolation Valve



MODEL HD
High Pressure
Knife Gate Valve



MODEL SLX
Explosion
Isolation Valve

REPRESENTED BY:



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