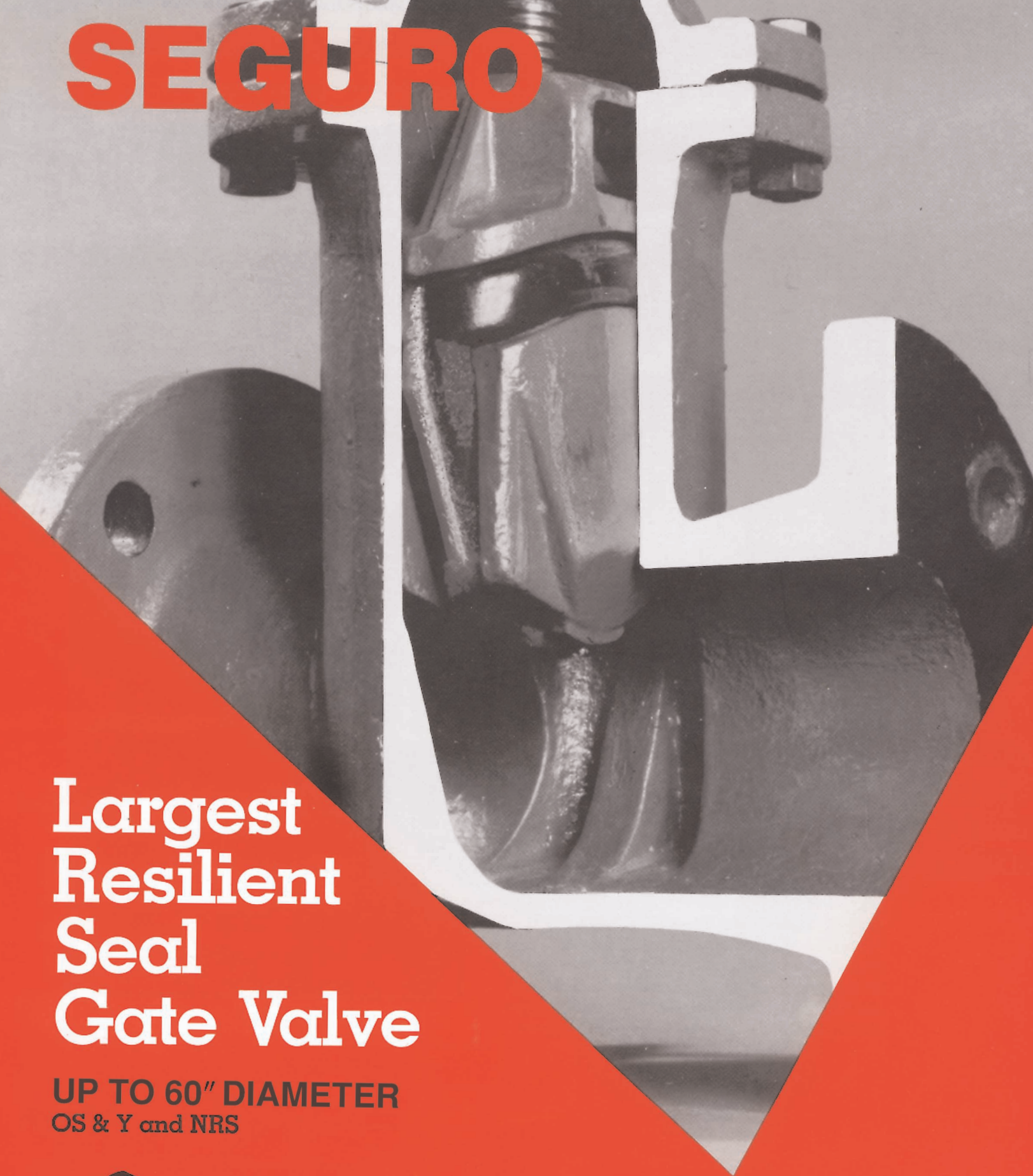
SEGURO



Largest Resilient Seal Gate Valve

UP TO 60″ DIAMETER

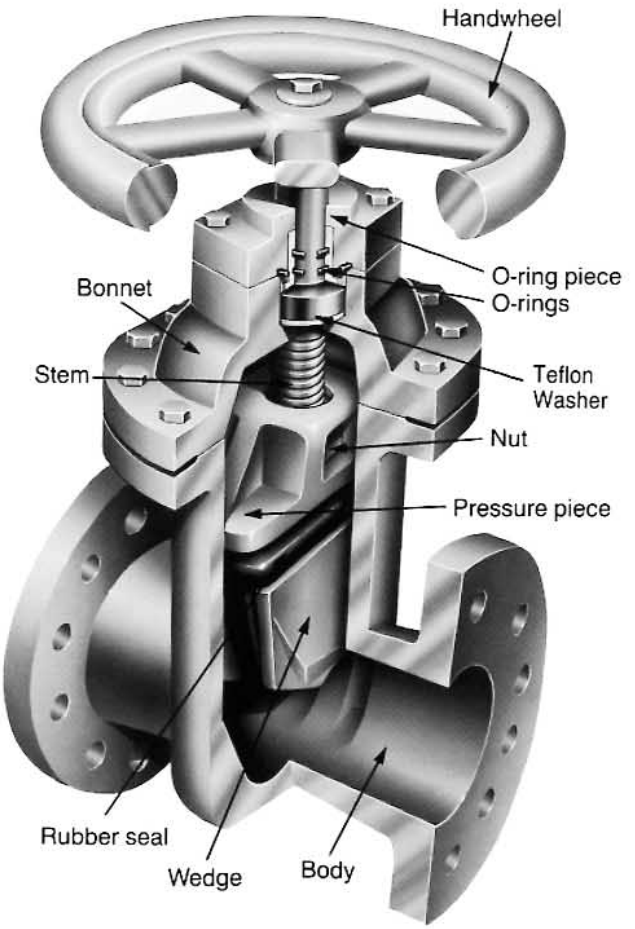
OS & Y and NRS

NEOVALVES

TORONTO, ONTARIO, CANADA

SEGURO

LARGE RESILIENT SEAL GATE VALVE



FILLING THE NEED

There are many reputable manufacturers of resilient seal gate valves, all of them supplying valves up to 12″ diameter.

By applying all the advantages of resilient seal gate valves, Seguro developed and has provided a complete line up to 60″, OS & Y and NRS, thus filling the demand for large size resilient seal gate valves, since 1972. Now the design engineers and the users can specify and ask for RESILIENT SEAL GATE VALVES in sizes up to 60″ diameter. (Larger sizes on application.)

GENERAL FEATURES

Since 1972, the Seguro Gate Valve, has represented a new concept in gate valve design; it is unique in that the sealing of the valve is effected by a soft rubber seal, firmly secured by a 3 piece wedge. The wedge is guided by ribs, cast into the valve body, which has a 100% full round bore through the body passage. With the self flushing design of the valve body, possible build-up of sediments or other foreign matter in the valve body is eliminated. The result, a minimum of maintenance and 100% bubbletight closure.

The above features, combined with simple but sound engineering practices, assure an ideal shut-off device for almost all installations and mediums. 100% closure, high reliability in service and long life with a minimum of maintenance, make Seguro a logical choice for economical and trouble free service.

SEGURO FEATURES

100% BUBBLE TIGHT SEAL
- Bi-directional
- Ideal for sludge, sewage applications
- Long Life

100% FULL BORE FLOW WATER PASSAGE
- No pockets or cavities for debris to collect
- Self Flushing
- Low pressure drops
- Ideal for tapping

RESILIENT SEAL UP TO 60″
- Conforms to ANSI Dimensions
- Larger sizes on application

ISO 9001 QUALITY PROGRAM
- Lloyd's Register Q.A. Certificate

NEOVALVES

SEGURO is manufactured by Brdr. Christensens Haner A/S, Skuderlose, Denmark
Exclusive North American Distributors: NEO Valves, Toronto, Canada

ORDERING and SPECIFYING

Seguro Gate Valves are available in a wide range of variants each having its own Identification Number.

From below select the appropriate numerals and letters.

CODE:		symbol 1.	symbol 2.	symbol 3.	symbol 4.	symbol 5.	symbol 6.
Standards	American	A					
	British	B					
	Danish	D					
	German Din 3216	TF					
	German Din 3225	TO					
End Connections	Screwed		0				
	Flanged		1				
	Mechanical Joint Ends		4				
	Note: Other end connections to order						
Pressure Class	125 Pound			1			
	250 Pound			3			
Body & Bonnet Material	Cast Iron				1		
	Ductile Iron				3		
Seal Material	Buna N					1	
	E.P.D.M.					2	
* Methods of Operating	Non Rising Stem: Less handwheel						A
	Non Rising Stem: Complete with handwheel						AH
	Non Rising Stem: With manual gear operator						AM
	Non Rising Stem: With electric operator						AE
	Non Rising Stem: With indicator and handwheel						IH
	Rising Stem: (O.S. & Y.) Less handwheel (or c/w handwheel)						B (BH)
	Rising Stem: (O.S. & Y.) c/w man. gear op'r. (or electric op'r.)						BM (BE)

EXAMPLE:

A	1	1	1	1	AH
American					
	Flanged				
		Class 125			
			Cast Iron		
				Buna N	
					N.R.S. with handwheel

Note: Due to continuous development of our range of valves we reserve the right to alter the dimensions and information contained in all our literature as required.

*When ordering with operator indicate desired position.

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SEGURO

LARGE RESILIENT SEAL GATE VALVE

CONSTRUCTION FEATURES

Valve Body

The body has a 100% full flow bore with no cavities or obstructions in the waterway. This minimizes pressure drops and prevents accumulation of sediments and debris. The clear unobstructed waterway is ideally suited for tapping operations. (Fig. 1)

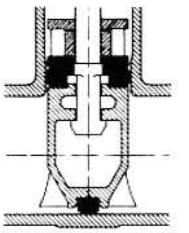

FIG. 1

Smooth accurate travel of the wedge is assured by tongue type guides cast integrally with the wedge. These guides follow the ribs cast into the valve body, insuring smooth accurate seating of the valve.
(Fig. 2)

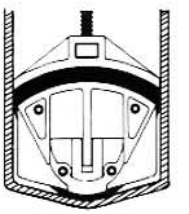

FIG. 2

Wedge

The wedge consists of two halves (bolted together with stainless steel bolts) a pressure piece and the rubber seal. When assembled, the two halves and the pressure piece form a groove in which the seal is retained and protected. Projections are cast on the bottom of the wedge; these act as a "stop" and prevent overloading of the rubber seal and overseating. A drain hole is provided in the bottom of the seal to prevent stagnation of water. (Fig. 3)

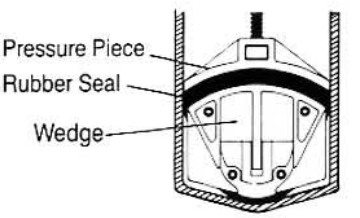

FIG. 3

The wedge is shown as it is about to be seated. (Fig. 4) Note as the seal touches the bottom of the port area as well as the vertical walls of the valve body there are no projections.

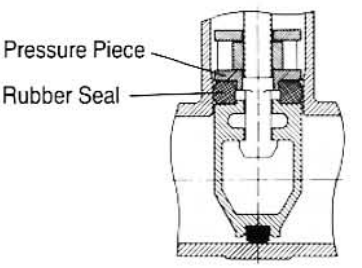

FIG. 4

The valve is now fully seated and is hermetically closed. (Fig. 5) Note the seal is 100% bubble tight as the gate rubber is compressed downward and outward by the movement of the gate as it closes. Also note the built-in "stop" prevents overseating of the valve.

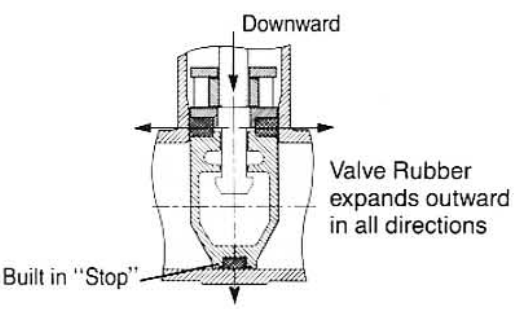

FIG. 5

Bonnet

Bonnet on all sizes and types of Seguro valves are of bolted construction. (Fig. 6)

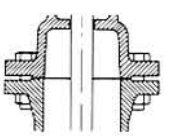

FIG. 6

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Exclusive North American Distributors: NEO Valves, Toronto, Canada