

Manual Bellows Seal Globe Isolation Valves—Series 8800/1 Straight Pattern **Series 8901 Angle Pattern**

Sizes Series 8800 1/2" to 2" (DN15 to DN50)

Body Material Forged - C Steel A350 LF2, S Steel F316.

Sizes Series 8801 2 1/2" to 16" (DN65 to DN400)

Sizes Series 8901 1" to 6" (DN25 to DN150)

Body Material Cast - A352 LCC C. Steel, A351 CF8M St Steel, A494 M35-1 NiCu, CW12MW NiCrMoW, CY40 NiCrFe.

End connections— 1/2" to 1 1/2" (DN15 to DN40) Screwed End, Socket Weld.

1/2" to 16" (DN15 to DN400) flanged Class 150, Class 300, PN16, PN25 and PN40.

Design & Performance

With a strength in design and excellent materials for the containment and isolation of hazardous liquids and gases, the series 8800/1 & 8901 ranges have built an enviable reputation for long service life and excellent performance.

Containment of Dangerous Emissions

All valves are fitted with a UNS N10276 bellows seal guaranteed for the life of the valve. Valves are also designed with back up secondary pure PTFE packing glands and seals as standard.

Repeatable tight closure and isolation.

For metal to metal seated valves the disc is harder than the seat minimising disc damage during operation ensuring long life for the seating surfaces.

Open Bellows Design

Our design of open bellows and bolted top assembly gives easy access to inspect the bellows assembly area. The open design ensures that any corrosion products in the fluid do not get trapped around the bellows causing damage and early failure. The bellows are guaranteed for the life of the valve.

Body Integrity and wall thickness

Small valve bodies and all sizes of bonnets are forgings. Cast body integrity is monitored by 100% x-ray inspection, while wall thickness is in accordance with Euro Chlor specifications for use on liquid chlorine services. **Hunt & Mitton Valve Company is the only manufacturer of Euro Chlor approved valves to offer 100% radiography of all castings for chlorine service.**

Hand Wheel Easy Operation

We have ensured that the manual valves are easy to operate using cast three or four spoke large diameter wheels and the use of needle and ball bearings are fitted on sizes 1 1/2" (DN40) and above to ensure easy operation and rotation when opening and closing the valve.

Xylan® coated

All studs and nuts are coated with Whitford Xylan® anti corrosion, self lubricating compound.



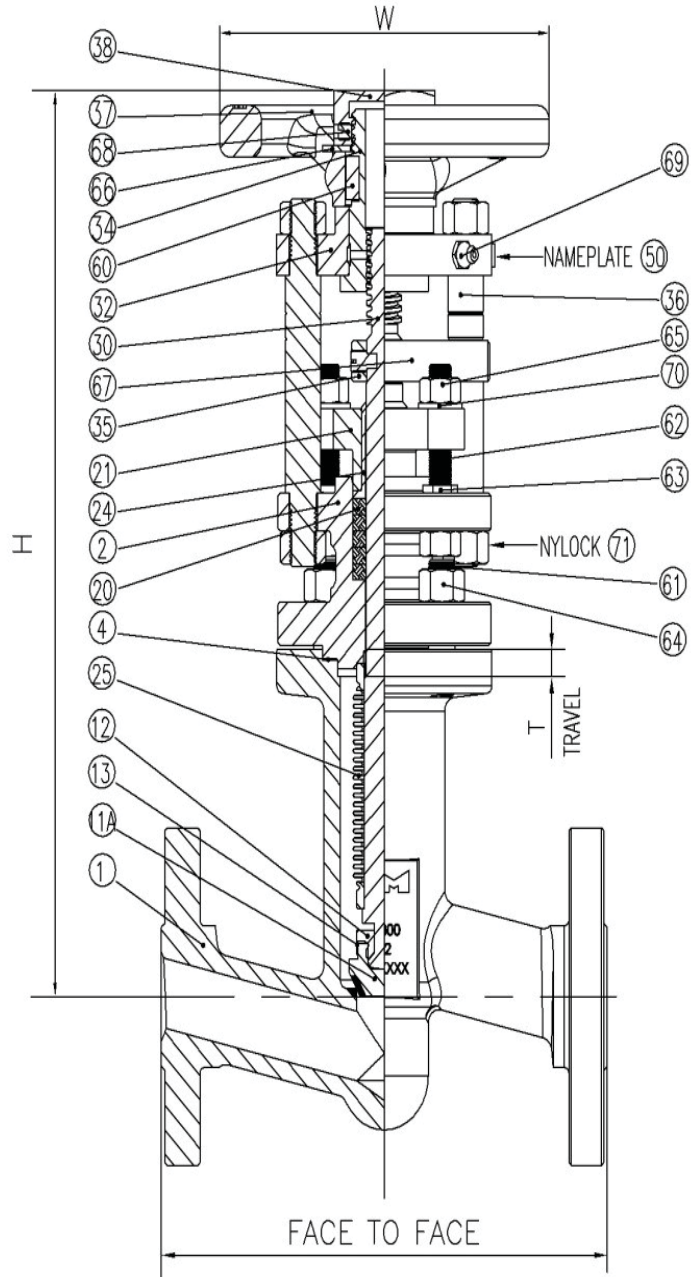
Series 8800/1



Series 8901

Standard Parts & Materials List for Liquid Chlorine Service

Series 8800/1, 8901		
Ref	Description	Materials
1	Body	Carb St ASTM A350 LF2/A352 LCC + Stellite 21
2	Bonnet	Carb. Steel ASTM A350 LF2
4	Body/Bonnet Gasket	Gylon 3510
11A	Disc	Stainless Steel 316Ti (1.4571) + Stellite 6
12	Disc Nut	Carb. Steel ASTM A350 LF2 + Stellite 6
13	Disc Lock Washer	Stainless Steel UNS S43100, CuNi UNS N04400
20	Packing Ring	Pure PTFE
21	Packing Gland	Stainless Steel A182 F316
24	Gland Scraper Bush	PTFE
25	Bellows	UNS N10276 (2.4819)
30	Stem	SS UNS S31803 /NiCrMoW UNS N06022
32	Yoke Flange	Carb. Steel AISI 1035
34	Yoke Sleeve	Aust. Ductile Iron A439 D2
35	Anti Rotation Bridge	Carb. Steel AISI 1035
36	Pillar	Carb. Steel AISI 1035
37	Handwheel	SG Iron BS EN 1563 EN-GJS-420-12
38	Handwheel Locknut	Carb. Steel AISI 1035
50	Name Plate	Stainless Steel 316
60	Key	Carb. Steel AISI 1025
61	Stud	Alloy Steel A320 L7M Xylan 1424
62	Stud bolt	Alloy Steel A320 L7M Xylan 1424
63	Lock Nut	Stainless Steel A4-70
64	Nut	Alloy Steel A320 L7M Xylan 1424
65	Nut	Alloy Steel A320 L7M Xylan 1424
66	Washer	Carb. Steel AISI 1020
67	Dog Point Screw	Stainless Steel 316
68	Set Screw	Stainless Steel 316
69	Lubricator	A570 GR.A
70	Washer	Stainless Steel 316
71	Nut Nylock	Carb. Steel AISI 1045 / Nylock



The above materials are an example for a typical chlorine service. Other Material options are available for a wide range of hazardous chemical applications. Please consult the sales office.