

# NIBCO VALVES

Customer Service 800.234.0227  
 Technical Service 888.446.4226



Valve Model	585-80-LF 585-66-LF	585-70 585-70-66	580-80-LF 580-66-LF	580-70 580-70-66	595-Y-LF 595-Y-66-LF	595-Y 595-Y-66	FP-600A-LF	FP-600A	111-LF 113-LF	111 113	211 (125 class) 235 (150 Class)	413-Y-LF	413	480-Y-LF	480	
Size Range	¼" - 3"	¼" - 2"	1¼" - 3"	1¼" - 3"	¼" - 2½"	¼" - 2½"	¼" - 4" (solder ¾" - 3")	¼" - 4"	¼" - 3"	¼" - 3"	½" - 1"	¼" - 2"	¼" - 2"	¼" - 2"	¾" - 2"	
Body Material	Lead-free Bronze	Bronze	Lead-free Bronze	Bronze	Lead-free Bronze	Bronze	Lead-free DZR Brass	Brass	Lead-free Bronze	Bronze	Bronze	Lead-free Bronze	Bronze	Lead-free Bronze	Bronze	
Body Type	Ball Two-piece Full Port		Ball Two-piece Conventional Port		Ball Three-piece Full Port		Ball Two-piece Full Port		Gate Rising and Non Rising Stem		Globe	Swing Check		In-Line Check		
End Connections	Solder / Threaded Press / Hose Cap		Solder / Threaded	Solder / Threaded	Solder / Threaded	Solder / Threaded / Grooved	Solder / Threaded Press / PEX	Solder / Threaded	Solder / Threaded Press	Solder / Threaded	Solder / Threaded	Solder / Threaded Press	Solder / Threaded	Solder / Threaded	Solder / Threaded Press	
Approvals	MSS SP-110 IAPMO/ANSI Z1157 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI-372	MSS SP-110	MSS SP-110 IAPMO/ANSI Z1157 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI-372	MSS SP-110	MSS SP-110 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI- 372	MSS SP-110	MSS SP-110 I APMO/ANSI Z1157 NSF/ANSI-61-8 NSF/ANSI-372 Threaded:CSA/ UL/FM	MSS SP-110 Threaded: CSA / UL / FM / CRN	MSS SP-139 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI- 372	MSS SP-80	MSS SP-80	MSS SP-139 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI- 372	MSS SP-80	MSS SP-139 NSF/ANSI- 61-8 Commercial/ Hot, NSF/ANSI- 372	MSS SP-80	N/A
Stainless Steel Trim - 66	Yes	Yes	Yes	Yes	Yes	Yes	N/A									
Ball	LF Brass ½"-1" SS 316 1¼"-2½"	Chrome P. Brass	SS 316	Chrome P. Brass	LF Brass ½"-1" SS 316 1¼"-2½"	Chrome P. Brass	Chrome P. LF Brass SS 316 1¼"-4"		N/A							
Seat Seal	RPTFE Glass Reinforced				PTFE	PTFE or RPTFE	PTFE		N/A		PTFE/Bronze	PTFE	Buna/PTFE/ Bronze/FKM	PTFE	Buna/PTFE	
Packing Nut	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A				
Oxygen Service Option Available	N/A	Yes	N/A			Yes	N/A									
Pressure Rating (CWP)	600 PSI	600 PSI	600 PSI	600 PSI	600 PSI	600 PSI	600 PSI (400 PSI 2 ½" - 3")	600 PSI (400 PSI 2 ½" - 4")	300 PSI	200 PSI	200 PSI	200 PSI	200 PSI	250 PSI	200 PSI	
Temperature	300°F at 100 PSI	150 PSI/10.3 Bar Saturated Steam	300°F at 100 PSI	150 PSI/10.3 Bar Saturated Steam	300°F at 100 PSI	150 PSI/10.3 Bar Saturated Steam	200°F at 350 PSI	150 SWP Threaded 1/4"-2"	300°F at 100 PSI	125 PSI Saturated Steam to 353°F		300°F at 100 PSI	125 PSI Saturated Steam to 353°F	300°F at 100 PSI	125 PSI Saturated Steam to 353°F	

**Handle Options:** Stainless Steel; NIB-Seal®; NIB-Seal® Locking; Locking Lever; Stainless Steel Locking Lever; Memory Stop; Extended lever w/memory Stop; Round; Wing; Horizontal & vertical chain; Stainless Steel Handle and Nut.  
**Refer to Submittals on NIBCO.com for additional and latest information.**

LEAD-FREE: Weighted average lead content ≤ 0.25% **⚠️ WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

QRS-FER-1118-R0619

## LEAD-FREE VALVES



### N200 / N150

Butterfly valve  
 200 PSI (2" - 12")  
 150 PSI (14" - 24")  
 Cast iron body  
 Nylon coated disc  
 EPDM or BUNA-N seat  
 Wafer or lug  
 MSS SP-67  
 NSF/ANSI 61 (Nylon disc)  
 NSF/ANSI 372  
 2" - 12"  
 14" - 24"



### F-637-33

Class 150 gate  
 Ductile iron body  
 OS & Y  
 HDWL cast iron 2"-12"  
 Steel 14"-24"  
 Bolted bonnet  
 Solid wedge  
 SS mounted trim  
 Raised face flanged connection  
 MSS SP-128  
 NSF/ANSI 372  
 NSF/ANSI 61-8  
 2" - 24"



### F/MJ-619-RWS/SON

300 PSI CWP  
 Cast iron body  
 Non-rising stem  
 HDWL ductile iron or C.I. square  
 Handwheel / operating nut  
 Bolted bonnet  
 EPDM resilient wedge  
 Flanged or mechanical  
 Joint connection  
 NSF/ANSI 372  
 AWWA  
 2" - 12"



### F-607-RWS

300 PSI WWP fire protection  
 Ductile iron body  
 OS&Y  
 HDWL ductile iron  
 Bolted bonnet  
 EPDM resilient wedge  
 Flanged connection  
 NSF/ANSI 372  
 UL/ULC, FM  
 AWWA  
 2 1/2" - 12"



### W-910-LF, W-960-LF

Silent check  
 Class 125/250  
 Cast iron body  
 Bronze disc  
 Buna-N bonded to bronze seat  
 Wafer connection  
 MSS SP-125  
 NSF/ANSI 372  
 FM approved  
 (2" - 6" dual class ratings  
 125 lb. and 250 lb.)  
 2" - 10"



### F-938-33

Silent check  
 Class 125/250  
 Cast iron body  
 Bronze disc  
 Buna-N bonded to bronze seat  
 Wafer connection  
 MSS SP-125  
 NSF/ANSI 372  
 FM approved  
 (2" - 6" dual class ratings  
 125 lb. and 250 lb.)  
 2" - 10"

### LD 2022/LD 2122

Butterfly valve  
 200 PSI  
 Class 125/150  
 Ductile iron body  
 Stainless steel disc  
 EPDM or BUNA-N seat  
 Wafer or lug  
 MSS SP-67  
 2" - 24"



## IRON GATE VALVES



### F-617-O/ON T-617-O/ON

Class 125  
 Cast iron body  
 OS&Y, HDWL cast iron  
 Bolted bonnet  
 Bolted bonnet  
 Bronze trim or all iron trim  
 2" - 8" flanged & threaded  
 2" - 24" flanged  
 MSS SP-70



### F-718-B/N

Class 125  
 Cast iron body  
 HDWL cast iron  
 Bolted bonnet  
 Bronze or C.I. disc  
 Bronze or C.I. mounted seat  
 Flanged connection  
 MSS SP-85  
 2" - 10"

## IRON CHECK VALVE



### F/T-918-B/N

Horizontal swing check  
 Class 125  
 Cast iron body  
 Bronze or C.I. disc  
 Bronze or C.I. mounted seat  
 Flanged 2" - 12"  
 Threaded 2" - 4"  
 MSS SP-71 Type 1



### F/T-619-N/SON

Class 125  
 Cast iron body  
 Non-rising stem  
 HDWL cast iron or square  
 Operating nut (SON)  
 Bolted bonnet  
 Bolted bonnet  
 Bronze trim or all iron trim  
 Flanged 2" - 16"  
 Threaded 2" - 4"  
 MSS SP-70

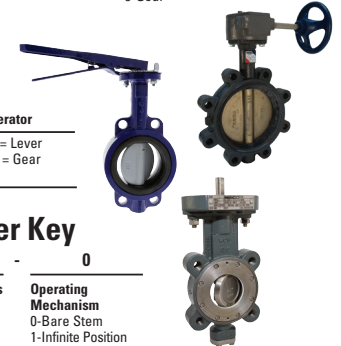


### F-869-B

Class 250  
 Automatic stop check  
 Cast iron body  
 HDWL cast iron  
 Bolted bonnet  
 Bolted bonnet  
 Bronze disc  
 Bronze mounted seat  
 Flanged connection  
 MSS SP-85  
 2 1/2" - 8"

## Key to Butterfly Valve Figure Number System

L	D	-	2	0	0	0	-	0
<b>Body Type</b>	<b>Body Material</b>	<b>Pressure Rating</b>	<b>Seat Material</b>	<b>Disc Material</b>	<b>Stem &amp; Bushing Combinations</b>		<b>Collar</b>	<b>Operating Mechanism</b>
L-Lug	D-Ductile Iron	L-Actuated	0-EPDM	0-Aluminum Bronze	0-416SS	Upper & Lower	Copper Alloy	Brass
W-Wafer	C-Cast Iron	1-150 psi	1-Buna-N (Nitrile)	1-Ductile Iron	1-416SS		316SS	Brass
G-Grooved		2-200 psi	2-Fluoroelastomer	2-CF8M	2-17-4PH		316SS	316SS
F-Flanged		3-250 psi	5-UL/FM	6-EPDM Coated	5-416SS		PTFE/Bronze	3-Lever Lock (std)
		4-300 psi	7-Polyamide	Ductile Iron:	7-416SS		PTFE	5-Gear
		5-285 psi		7-Buna-N Coated	8-316SS			
		6-350 psi		Brass or Ductile Iron	9-17-4PH			
		7-232 psi		8-Nylon Coated				
				Ductile Iron				



## Key to N200 Butterfly Valves

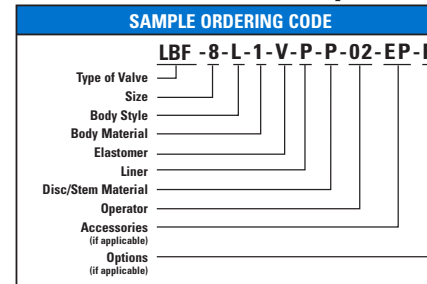
Series	Body Style	Seat Material	Disc Material	Operator
N200 = 2"-12"	1 = Wafer	3 = EPDM	5 = Aluminum Bronze	LH = Lever
N150 = 14"-24"	2 = Lug	4 = Buna	6 = Ductile Iron	GO = Gear
			8 = Nylon Coated Ductile Iron	

## High Performance Butterfly Valves Figure Number Key

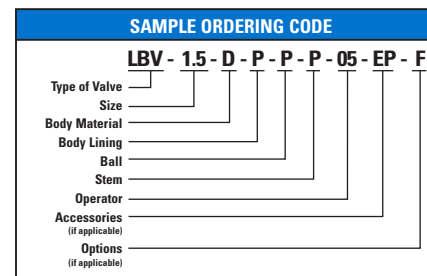
L	CS	-	6	8	2	2	-	0
<b>Body Type</b>	<b>Body Material</b>	<b>Pressure Class</b>	<b>Seat Material</b>	<b>Disc Material</b>	<b>Stem &amp; Bushing Combinations</b>		<b>Operating Mechanism</b>	
L-Lug	CS-Carbon	6-150	8-RPTFE	2-316 Stainless Steel	2-17-4PH	Upper & Lower	PTFE Coated	0-Bare Stem
W-Wafer	Steel	7-300				Alloy 304SS		1-Infinite Position
								Throttling Plate (opt.)
								3-Lever Handle (std)
								5-Gear Operated

For more options reference Sure Seal catalog

## Sure Seal® Lined Butterfly Valves

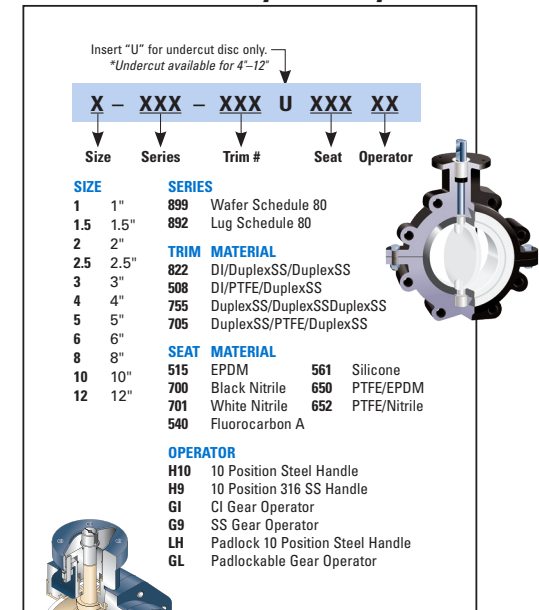


## Sure Seal® Lined Ball Valves



SIZE	BODY MATERIAL	BODY LINER
1"	D A395 Ductile Iron	P PFA
1.5"	UNS F32800, ASTM A395,	X Other
2"	ASME SA395	
3"		
4"	S CF8M Stainless Steel	
5"	UNS J92900, ASTM A351,	
	ASME SA351	

## Sure Seal® Sanitary Butterfly Valves



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