

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 | 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
 Class 125/150
 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
 Bronze trim or all iron trim
 Flanged 2" - 16"
 Threaded 2" - 4"
 MSS SP-70



F-869-B

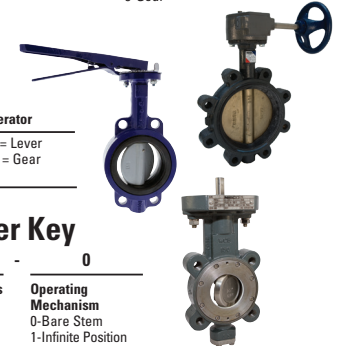
Class 250
 Automatic stop check
 Cast iron body
 HDWL cast iron
 Bolted bonnet
 Bronze disc
 Bronze mounted seat
 Flanged connection
 MSS SP-85
 2 1/2" - 8"

Key to Butterfly Valve Figure Number System

| L | D | - | 2 | 0 | 0 | 0 | - | 0 |
|------------------|----------------------|------------------------|----------------------|-----------------------|--|---------------|---------------|----------------------------|
| Body Type | Body Material | Pressure Rating | Seat Material | Disc Material | Stem & Bushing Combinations | | Collar | Operating Mechanism |
| 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 | |

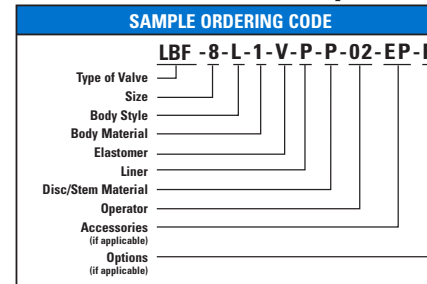


High Performance Butterfly Valves Figure Number Key

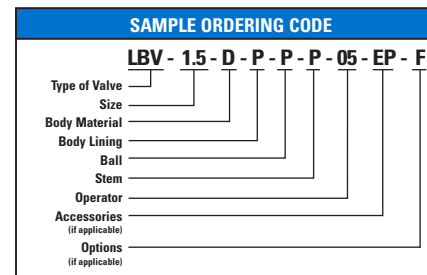
| L | CS | - | 6 | 8 | 2 | 2 | - | 0 |
|------------------|----------------------|-----------------------|----------------------|-----------------------|--|-------------------------|----------------------------|---|
| Body Type | Body Material | Pressure Class | Seat Material | Disc Material | Stem & Bushing Combinations | | Operating Mechanism | |
| L-Lug | CS-Carbon | 6-150 | 8-RPTFE | 2-316 Stainless Steel | 2-17-4PH | Upper & Lower | 0-Bare Stem | |
| W-Wafer | Steel | 7-300 | | | | PTFE Coated 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

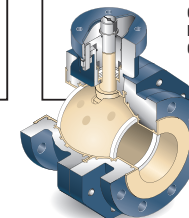
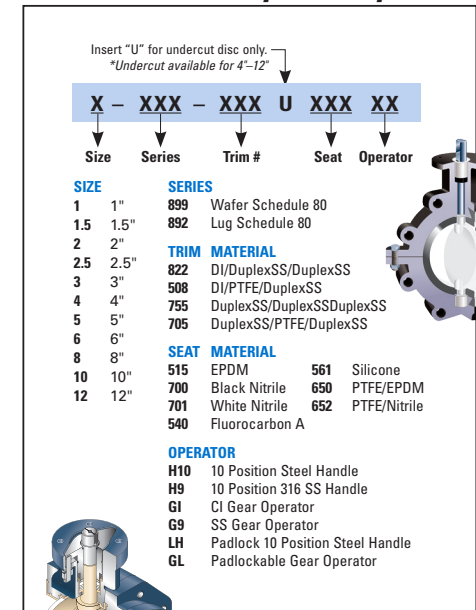


Sure Seal® Lined Ball Valves



| 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



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