

PLEASE USE ALL DIGITS WHEN ORDERING.

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MATERIAL OR STYLE

2-PIECE & UNIBODY VALVES	
70	Bronze
71	Bronze with Pads
72-A	Carbon Steel (Forged Body)
73	Carbon Steel
73A	A105 Carbon Steel
74	Nickel
75	Pad-Locking Bronze
76	CF8M Stainless Steel
76F	CF8M Stainless Steel, Full Port
77	Bronze Full Port
77C	Bronze Full Port Economy
78	Special Valves and Kits
79	Refrigerant Valves
7A	Chlorine Carbon Steel
7K	Bronze Full Port Drain
80	Bronze, UL Listed
81	Bronze, UL Listed Plain Ball
82	Bronze 3-Piece Full Port
89	Cast Carbon Steel w/ Pads
9A	Bronze, Heavy Patt., Unibody
90	Bronze, Unibody UL Listed
91	Bronze, Unibody
92	Cast Carbon Steel Unibody
93	Carbon Steel Unibody
95	Bronze & Stop Drain
96	CF8M Stainless Steel Unibody
399	Alloy-20 NPT
3-PIECE VALVES	
83A	CS 3-Piece 1500 lb Full Port
83B	CS 3-Piece ASME Class 600 Full Port
86A	SS 3-Piece 1500 lb Full Port
86B	SS 3-Piece ASME Class 600 Full Port
86C	Alloy-20 3-Piece, ASME Class 600 Full Port
83R	CS 3-Piece, Full Port (2" & 3" only)
86R	SS 3-Piece, Full Port (2" & 3" only)
FLANGED VALVES	
87A	CF8M SS Flanged
87A	Alloy 20 Flanged
87B	CF8M SS Flanged Unibody
88A	Carbon Steel Flanged
88B	Carbon Steel Flanged Unibody
88L	Low Temp Carbon Steel Flanged

TYPE

2-PIECE & UNIBODY VALVES	
1	NPT Female or Std Connection
2	Solder/Socket Weld
3	Union End x NPT (70-3) Double UNION END (73-3, 76-3)
4	Union End x Solder Socket Weld Double Union End (76-4)
5	Spring Return Handle
6	3-Way NPT
7	Full Port Refrigeration Valves
8	Male X Female NPT
9	3-WAY Solder / O-Ring Boss (70-9) SAE Straight Threads (72, 77)
3-PIECE VALVES	
1	NPT Female
2	Solder (82)/Socket Weld (83/86)
3	Schedule 5 Butt Weld
4	Schedule 10 Butt Weld
5	Schedule 40 Butt Weld
6	Schedule 80 Butt Weld
FLANGED VALVES	
1	Class 150 Standard Port
2	Class 150 Full Port
3	(AAR Valves)
4	Class 150, Standard Port, Alloy 20 (87A)
5	Class 150, Full Port, Alloy 20 (87A)
6	Class 300, Full Port, Alloy 20 (87A)
7	Class 300, Standard Port
8	Class 300, Standard Port, Alloy 20 (87A)
9	Class 300 Full Port
F	Class 600 Full Port

VARIATIONS

0	Standard Configuration
3	Ni-Cu Ball & Stem
4	SS Ball & Stem
8	SS Stem
9*	Pinned Retainer
A	Alloy 20
H	Hastelloy® C Ball & Stem
N	Nickel

* Bronze valves only

SIZE

1	1/4"
2	3/8"
3	1/2"
4	3/4"
5	1"
6	1.25"
7	1.5"
8	2"
9	2.5"
0	3"
A	4"
C	6"
E	8"
G	10"
H	12"

OPTIONS

-01-	Standard Configuration	-60-	Grounded Ball & Stem
-02-	Grounded Stem	-62-	Body Center Section
-03-	Obsolete (1.25" Stem Extension)	-63-	NPT X Solder/Socket Weld
-04-	2.25" Stem Extension	-64-	250 psi SWP (Steam Working Pressure)
-05-	Plain Ball (No Chrome)	-65-	Multi Fill Seats & Graphite Packing
-07-	Tee Handle	-66-	FNPT X Butt Weld
-08-	90 Degree Reverse Stem	-67-	Cleaned for Industrial Gas - Carbon Steel Valves
-10-	SS Lever & Nut	-69-	Purge Ports (Drilled/Tapped at Bottom & Approx. 45° from Top)
-11-	Therma-Seal	-70-	4" Extended Bonnet
-12-	Stamped "157 SWP" & Bagged	-72-	RTFE Packing
-13-	Stamped "157 SWP"	-73-	TFE Packing - Spiral Wound Body Seals - TFE Fillers - Flanged BV
-14-	Side Vented Ball (Uni-Directional)	-75-	MPTFE Seats, PTFE Packing, RPTFE Gaskets
-15-	Wheel Handle, Steel (Round)	-76-	Live Loaded 87A/88A Series (Lever)
-16-	Chain Lever - Vertical	-77-	Live Loaded 87A/88A Series (Gear & Actuated)
-17-	Rough Chrome Plated	-78-	Delrin Seats
-18-	Plain Yellow Grip	-79-	Nylon Seats/Graphite Packing 72 Series
-19-	Lock Plate	-80-	Dyneon TFM 1600 Seats, PTFE Chev. Pkg, RTFE Seal, PEEK Bearing
-20-	Slot Vented Ball (Bi-Directional)	-81-	Graphite Packing with Braided End Rings (Flanged Valves)
-21-	UHMWPE Trim (Non-PTFE)	-82-	Flat Face Flanges
-22-	Viton Union Seals	-83-	SS Tee Handle & Nut (SS Version of -07) 77B Series
-23-	Tank Flange (2" 3-pc Only)	-84-	Reverse SS Lever & Nut (77B Series)
-24-	Graphite Packing	-85-	Short SS Tee Handle & Nut (Silicone brz retainer) (1/2" 77B Series)
-26-	Chevron Pckg, Vented, Assd Dry, Monel Trim (7A)	-86-	Reverse Locking SS lever (77B Series) (Lckg version of -84)
-27-	SS Latch Lock Lever & Nut	-87-	Safety Latch (87A/88A Series)
-29-	Graphite Packing & Seals	-88-	Panel Mount - 60A Series
-30-	Cam-Lock & Grounded	-89-	PFA Seats
-31-	7B Series w/ Boss not Drilled/Tapped	-90-	Double Packed Extended Bonnet (Flange Valves)
-32-	SS Tee Handle & Nut	-9P-	Double Packed Extended Bonnet with Port
-33-	76-300 Series w/ Pad Drilled/Tapped	-93-	Obsolete (-03 & Balancing Stop)
-34-	Nylatron Seats (96 Series)	-94-	-04 & Balancing Stop
-35-	Virgin TFE Trim (PTFE)	-97-	Grnd. Wheel Handle, Pinned or Tack Welded
-36-	SS Hi-Rise Round Handle, SS Nut	-99-	7B Series - 99A Less Lever, w/ Site Tap - 99B Less Lever, No side Tap
-38-	Peek Seats & Bearing (Graphite Pkg and Seals)	-AR	Actuator Ready (MPTFE Seats, Live Loaded, Less Lever)
-39-	SS Hi-Rise Locking Wheel Handle, SS Nut	-BC-	Ball Check
-40-	CYL-LOC & Grounded	-CH-	Cleaned for Chlorine - Vented Ball
-41-	Auto Drain	-DP-	Dye Penetrate
-42-	Non-Vented Ball - No Hole in Slot (CS & SS)	-HC-	3/4" Hose Threaded Retainer w/ Brass Cap & Chain
-43-	CYL-LOC, Grnd B&S, 680 Loctite or 3 Tack Welds	-MG-	Gear Operated, Standard Hand Wheel
-44-	Seal Weld 76-100 & 89-100	-MH-	Gear Operated, Standard Hand Wheel & Lockout Device
-45-	Less Lever & Nut (Bare Stem)	-MJ-	Gear Operated, Oversize Hand Wheel
-46-	Latch-Lock Lever - Lock in Closed Position Only	-MK-	Gear Operated, Oversize Hand Wheel & Lockout Device
-47-	SS Oval Latch-Lock Handle & Nut	-MP-	Material Positive (PMI Testing)
-48-	SS Oval Handle (No Latch) & Nut	-P01-	British Parallel Threads
-49-	Assembled Dry	-SR-	Spring Return Handle for 83A/B and 86A/B Series
-50-	2.25" Locking Stem Extension	-SV-	Safety Vent - 77-100/7K-100 Series (Auto Drain)
-51-	One Tack Weld	-SW-	Limit Switch Mounted
-52-	Two Tack Welds	-T01	British Taper Threads
-53-	Three Tack Welds	-TH-	Tested, Hydrostatic
-54-	Four Tack Welds	-TC-	Tested, Hydrostatic w/ Certification
-56-	Multifill Seats (MPTFE)	-TD-	Tested, API-6D
-57-	Oxygen Cleaned	-TR-	Tested Hydrostatic w/ Certification, and MTR
-58-	Chain Lever - Horizontal	-TS-	Tested, Special, Customer Specified
-59-	SS External Trim - 3-Piece and Flanged	-TW-	Tested, Hydrostatic w/ Witness & Certification

NOTE: NOT ALL OPTIONS AND COMBINATIONS AVAILABLE ON ALL SIZES AND SERIES. REVIEW THE SPECIFIC TECHNICAL SHEET TO DETERMINE AVAILABILITY.

Modifying Suffixes

- The "01" suffix represents the standard configuration detailed in the Technical Literature.
- If an option is desired, replace the "01" suffix with the suffix of the option.
- If multiple options are desired, replace the "01" suffix with the desired suffixes in the order shown below.

Example: 87A-10A-1424MG