

Monarch® Butterfly Valves

Wafer Type, Ferrosteel... Molded-In & Cartridge Seats
 Wafer Type, Bronze... Cartridge Seats
 Lug Wafer Type, Nodular Iron... Molded-In Seats
 Lug Wafer Type, Nodular Iron... Cartridge Seats
 Two-Flange Type, Ferrosteel... Molded-In Seats
Including Choice of Trim Materials & Accessories

CIRCULAR ADB-1058

PRICE SCHEDULE 67-MBF-1

FEBRUARY 20, 1967

Supersedes Price Schedule
 64-MBF-1 dated Jan. 27, 1964

New Catalog Nos. Recently Adopted Are
 Listed Below Along with Superseded Nos.

NEW CATALOG NOS.	SUPERSEDED CATALOG NOS.	NEW CATALOG NOS.	SUPERSEDED CATALOG NOS.
Ferrosteel Wafer Valves		Nodular Iron Lug Wafer Valves	
21F-BRB	2204-SB	23N-BRB	...
21F-BMB	2205-SB	23N-BMB	...
21F-FRB	2206-SB	23N-FRB	...
21F-GRB	2208-SB	23N-GRB	...
21F-HRB	...	23N-HRB	...
21F-SSB	2209-SB	23N-SSB	...
21F-MMB	2210-SB	23N-MMB	...
22F-BRB	2214-SB	24N-BRB	...
22F-BMB	2215-SB	24N-BMB	...
22F-FRB	2216-SB	24N-FRB	...
22F-GRB	2218-SB	24N-GRB	...
22F-SSB	2219-SB	24N-SSB	...
22F-MMB	2220-SB	24N-MMB	...
Bronze Wafer Valves		Multi-Lock Levers	
22B-MMB	2250-SB	M91	2271
...	...	M92	2272
...	...	M93	2273
Ferrosteel 2-Flange Valves		Twist-Lock Levers	
27F-BRB	2224-SB	T92	2276
27F-BMB	2225-SB	T93	2278
27F-FRB	2226-SB	(XP) Screw Operators	
27F-GRB	2228-SB	S93	2284
27F-SSB	2229-SB	S94	2286
27F-MMB	2230-SB	S95	2288
...	...		

CRANE

VALVES • PUMPS • FITTINGS • WATER TREATMENT • PLUMBING • HEATING • AIR CONDITIONING
 4100 South Kedzie Avenue, Chicago, Illinois 60632

CRANE "MONARCH" BUTTERFLY VALVES—WITHOUT OPERATOR

Prices, Each - 2

Valve Catalog No.	Description	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
FERROSTEEL WAFER TYPE BODY															
WITH BUNA "N" MOLDED-IN SEAT															
21F-BRB	Bronze Disc and 18-8 S (Type 304) Stem	\$ 42.00	\$ 44.00	\$ 58.00	\$ 75.00	\$ 101.00	\$ 127.00	\$ 161.00	\$ 228.00	\$ 332.00	\$ 418.00	\$ 550.00	\$ 720.00	\$ 1068.00	\$ 1546.00
21F-BMB	Bronze Disc and Monel Stem	43.00	45.00	63.00	83.00	122.00	152.00	187.00	261.00	365.00	489.00	598.00	830.00	1211.00	1798.00
21F-FRB	High Tensile Iron Disc and 18-8 S (Type 304) Stem	42.00	44.00	58.00	75.00	97.00	112.00	144.00	184.00	271.00	342.00	461.00	580.00	835.00	1180.00
21F-CRB	Ni-Resist Iron (#2) Disc and 18-8 S (Type 304) Stem	45.00	48.00	62.00	81.00	105.00	124.00	156.00	218.00	332.00	408.00	531.00	670.00	930.00	1346.00
21F-HRB	"550" Nodular Abrasion-Resistant Disc & Type 304 Stem	45.00	48.00	62.00	81.00	105.00	124.00	156.00	218.00	332.00	408.00	531.00	670.00	930.00	1346.00
21F-SSB	18-8 SMO (Type 316) Disc and Stem	49.00	52.00	71.00	96.00	124.00	152.00	194.00	280.00	422.00	504.00	660.00	798.00	1106.00	1973.00
21F-MMB	Monel Disc and Stem	53.00	55.00	74.00	95.00	140.00	180.00	223.00	313.00	465.00	...	...	...	...	...
FERROSTEEL WAFER TYPE BODY															
WITH BUNA "N" CARTRIDGE SEAT															
22F-BRB	Bronze Disc and 18-8 S (Type 304) Stem	39.00	41.00	53.00	69.00	92.00	119.00	150.00	216.00	320.00	478.00	540.00	706.00	1052.00	1530.00
22F-BMB	Bronze Disc and Monel Stem	39.00	41.00	66.00	88.00	118.00	143.00	176.00	249.00	352.00	495.00	583.00	811.00	1294.00	1769.00
22F-FRB	High Tensile Iron Disc and 18-8 S (Type 304) Stem	39.00	41.00	53.00	69.00	91.00	104.00	133.00	172.00	258.00	328.00	446.00	564.00	820.00	1164.00
22F-CRB	Ni-Resist Iron (#2) Disc and 18-8 S (Type 304) Stem	40.00	42.00	54.00	72.00	94.00	108.00	138.00	196.00	303.00	375.00	494.00	622.00	900.00	1260.00
22F-SSB	18-8 SMO (Type 316) Disc and Stem	45.00	47.00	67.00	90.00	114.00	140.00	179.00	268.00	410.00	490.00	645.00	782.00	1090.00	1964.00
22F-MMB	Monel Disc and Stem	49.00	51.00	73.00	100.00	133.00	171.00	212.00	301.00	452.00	...	...	...	...	...
228-MMB	BRONZE WAFER TYPE BODY Monel Disc and Stem	...	...	111.00	152.00	200.00	249.00	336.00	437.00	627.00	...	...	...	...	...
NODULAR IRON LUG WAFER BODY															
WITH BUNA "N" MOLDED-IN SEAT															
23N-BRB	Bronze Disc and 18-8 S (Type 304) Stem	46.00	49.00	63.00	88.00	116.00	157.00	202.00	289.00	413.00	...	...	...	...	...
23N-BMB	Bronze Disc and Monel Stem	46.00	49.00	69.00	97.00	140.00	182.00	228.00	322.00	446.00	...	...	...	...	...
23N-FRB	High Tensile Iron Disc and 18-8 S (Type 304) Stem	46.00	49.00	63.00	88.00	112.00	143.00	186.00	245.00	352.00	...	...	...	...	...
23N-CRB	Ni-Resist Iron (#2) Disc and 18-8 S (Type 304) Stem	48.00	52.00	68.00	95.00	120.00	153.00	197.00	279.00	413.00	...	...	...	...	...
23N-HRB	"550" Nodular Abrasion-Resistant Disc & Type 304 Stem	48.00	52.00	68.00	95.00	120.00	153.00	197.00	279.00	413.00	...	...	...	...	...
23N-SSB	18-8 SMO (Type 316) Disc and Stem	52.00	56.00	77.00	110.00	139.00	183.00	236.00	341.00	504.00	...	...	...	...	...
23N-MMB	Monel Disc and Stem	56.00	59.00	80.00	109.00	155.00	210.00	264.00	374.00	546.00	...	...	...	...	...
NODULAR IRON LUG WAFER BODY															
WITH BUNA "N" CARTRIDGE SEAT															
24N-BRB	Bronze Disc and 18-8 S (Type 304) Stem	42.00	45.00	59.00	84.00	110.00	149.00	190.00	276.00	409.00	...	...	...	...	...
24N-BMB	Bronze Disc and Monel Stem	42.00	45.00	65.00	93.00	134.00	174.00	216.00	309.00	442.00	...	...	...	...	...
24N-FRB	High Tensile Iron Disc and 18-8 S (Type 304) Stem	42.00	45.00	59.00	84.00	106.00	134.00	174.00	233.00	348.00	...	...	...	...	...
24N-CRB	Ni-Resist Iron (#2) Disc and 18-8 S (Type 304) Stem	44.00	48.00	64.00	91.00	114.00	145.00	190.00	266.00	409.00	...	...	...	...	...
24N-SSB	18-8 SMO (Type 316) Disc and Stem	48.00	52.00	73.00	106.00	133.00	174.00	224.00	329.00	500.00	...	...	...	...	...
24N-MMB	Monel Disc and Stem	52.00	55.00	76.00	105.00	149.00	202.00	252.00	361.00	542.00	...	...	...	...	...
FERROSTEEL TWO-FLANGE BODY															
WITH BUNA "N" MOLDED-IN SEAT															
27F-BRB	Bronze Disc and 18-8 S (Type 304) Stem	...	...	82.00	101.00	125.00	172.00	216.00	305.00	423.00	513.00	637.00	808.00	1164.00	1644.00
27F-BMB	Bronze Disc and Monel Stem	...	...	87.00	109.00	152.00	197.00	242.00	338.00	442.00	584.00	693.00	922.00	1306.00	1883.00
27F-FRB	High Tensile Iron Disc and 18-8 S (Type 304) Stem	...	...	82.00	101.00	124.00	157.00	200.00	261.00	361.00	437.00	556.00	675.00	931.00	1278.00
27F-CRB	Ni-Resist Iron (#2) Disc and 18-8 S (Type 304) Stem	...	...	83.00	104.00	127.00	161.00	205.00	285.00	406.00	484.00	604.00	733.00	1011.00	1374.00
27F-SSB	18-8 SMO (Type 316) Disc and Stem	...	...	95.00	122.00	151.00	197.00	249.00	357.00	512.00	599.00	755.00	894.00	1215.00	2110.00
27F-MMB	Monel Disc and Stem	...	...	98.00	121.00	167.00	225.00	278.00	390.00	535.00	...	...	...	...	...

Other seat materials . . . such as Hypalon, E.P.T. (Norden) black and white, Polyurethane, Viton, Fluorel, etc. . . . also are available. Prices and information on request.

ACCESSORIES FOR CRANE MONARCH BUTTERFLY VALVES

Prices, Each - 3

HAND OPERATORS

Catalog No.	For Valve Sizes	Operator Description	Price With Valve	Price Without Valve*	ADD for Chainwheel With Guide	ADD for Chain, Per Foot	ADD for Connecting Links, Each
MULTI-LOCK HAND LEVERS*							
M91	2 & 2 1/2"	Length centerline to end of handle, 7".....each	\$ 3.80	\$ 6.80	\$...	\$...	\$...
M92	3-6"	Length centerline to end of handle, 10".....each	4.80	8.40	...	...	...
M93	8 & 10"	Length centerline to end of handle, 18".....each	6.60	10.60	...	...	...
SAFETY TWIST-LOCK 7-POSITION HAND LEVERS							
T92	2-6"	Length stem hole center to end of handle, 10".....each	11.60	11.60	...	...	...
T93	8 & 10"	Length stem hole center to end of handle, 18".....each	15.20	15.20	...	...	...
"XP" EXTRA POWER MANUAL SCREW OPERATORS							
S93	2-10"	Torque of 3600 inch-pounds.....each	57.00	57.00	20.00	.70	1.00
S94	12-18"	Torque of 13000 inch-pounds.....each	95.00	95.00	41.00	.70	1.00
S95	20-24"	Torque of 30000 inch-pounds.....each	143.00	143.00	51.00	.70	1.00

*Orders for Multi-Lock Levers "Without Valves" must include intended valve size.

HEAVY DUTY CYLINDER OPERATORS

Type	For Valve Sizes	Cylinder Description	Cylinder Bore, Inches											
			1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6	8	10
Type C	2-10"	WITH "HARDCOAT" ALUMINUM BARREL Air, Water, or Oil..... 6" cylinder stroke..... Catalog No. Price, Each	C61 \$ 95.00	C62 \$ 105.00	...	C64 \$ 114.00	...	C66 \$133.00	...	C69 \$171.00	...	...	...	...
Type C	12-24"	Air, Water, or Oil..... 10" cylinder stroke..... Catalog No. Price, Each	...	...	...	C84 190.00	...	C86 209.00	...	C89 247.00	...	...	...	...
Type A	2-10"	WITH BRASS BARREL Air or Oil..... 6" cylinder stroke..... Catalog No. Price, Each	...	...	A63 143.00	A64 152.00	A65 181.00	...	A68 200.00	...	...	...	...	...
Type A	12-24"	Air or Oil..... 10" cylinder stroke..... Catalog No. Price, Each	...	...	...	A84 228.00	A85 247.00	...	A88 266.00	A91 295.00	A92 342.00	A93 456.00	A94 589.00	...
Type W	2-10"	WITH BRASS BARREL AND TO AWWA SPEC. Water only..... 6" cylinder stroke..... Catalog No. Price, Each	...	...	W63 162.00	W64 171.00	W65 209.00	...	W68 228.00	...	...	...	...	...
Type W	12-24"	Water only..... 10" cylinder stroke..... Catalog No. Price, Each	...	...	...	W84 247.00	W85 266.00	...	W88 295.00	W91 323.00	W92 380.00	W93 513.00	W94 665.00	...

*The required extension length between the valve mounting pads and bottom of operator must be specified.

INSULATION EXTENSION FOR OPERATORS

Operator Catalog No. Suffix		Insulation Extension Type	For Valve Sizes, Inches													
			2	2½	3	4	5	6	8	10	12	14	16	18	20	24
"HI RISE" INSULATION EXTENSIONS																
E		For Twist-Lock Lever..... 1 Riser	\$ 2.40	\$ 2.40	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.20	\$ 5.80	\$ 6.20	\$...	\$...	\$...	\$...	\$...	\$...
F		For Multi-Lock Lever..... 2 Risers	3.60	3.60	6.00	6.20	6.40	6.80	6.80	7.80	...	...	...	...	...	...
F		For (XP) Screw or Cylinder Operator..... 2 Risers	3.60	3.60	6.00	6.20	6.40	6.80	6.80	7.80	...	...	...	...	...	...
"ADD-ON" INSULATION EXTENSIONS																
A		For Twist-Lock Lever..... 1 Block, 1 High	3.40	3.40	3.40	3.40	3.40	3.40	3.80	3.80	...	...	...	...	...	...
B		For Twist-Lock Lever..... 2 Blocks, 2 High	6.20	6.20	6.20	6.20	6.20	6.20	8.20	8.20	...	...	...	...	...	...
C		For Multi-Lock Lever..... 2 Blocks, 1 High	4.80	4.80	4.80	4.80	4.80	4.80	5.20	5.20	...	...	...	...	...	...
D		For Multi-Lock Lever..... 4 Blocks, 2 High	7.60	7.60	7.60	7.60	7.60	7.60	9.60	9.60	...	...	...	...	...	...
C		For (XP) Screw or Cylinder Operator... 2 Blocks, 1 High	4.80	4.80	4.80	4.80	4.80	4.80	5.20	5.20	11.40	11.40	11.40	11.40	11.40	11.40
D		For (XP) Screw or Cylinder Operator... 4 Blocks, 2 High	7.60	7.60	7.60	7.60	7.60	7.60	9.60	9.60	19.00	19.00	19.00	19.00	19.00	...

Motor operator prices and information on request. For product description, see circular ADB-1058.