



ACT-0421

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ACT-1120

# ACTUATION AND CONTROLS PRICE LIST

Suggested list prices are subject to change without notification.



Visit our website for complete product details, information and terms and conditions of sale.

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# TABLE OF CONTENTS

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<b>PRODUCT / SERIES</b>	<b>PAGE NUMBER</b>
MC SERIES RACK & PINION ACTUATOR	1
MC SERIES SOLENOIDS	1
MC SERIES SERVICE PARTS	2 - 3
MC SERIES OPTIONAL MANUAL GEAR	3
LIMIT SWITCHES	4
POSITIONERS	5
MC SERIES ELECTRIC ACTUATORS	6 - 7
LB SERIES ELECTRIC ACTUATOR	8
LB SERIES ACCESSORIES	8
LB SERIES FAILSAFE ACTUATORS	9
MOUNTING BRACKETS & 3 WAY TEE LINKS	10

**Note: Price sheet highlights overview of product; always refer to individual specification sheets, for complete product detail.**

### MC SERIES PNEUMATIC RACK & PINION ACTUATORS

EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
MC20	DOUBLE-ACTING	\$ 382.34	3	697988688384
MC34		\$ 457.76	4.65	697988688391
MC48		\$ 551.43	5.75	697988688407
MC75		\$ 647.63	7.65	697988688414
MC105		\$ 782.91	10.45	697988688421
MC157		\$ 938.99	13.25	697988688438
MC237		\$ 1,225.05	21	697988688445
MC331		\$ 1,375.93	26.85	697988688452
MC406		\$ 1,831.11	30.05	697988688469
MC633		\$ 2,288.88	45.05	697988688476
MC1009		\$ 3,022.37	72.45	697988688483
MC1260		\$ 3,815.67	87.2	697988688490
MC1831		\$ 8,081.36	124	697988688506
MC2928		\$ 9,000.77	180	697988694101

EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
MC20S5	SPRING RETURN, STANDARD CONFIGURATION, w/5 SPRINGS, FAIL- CLOSED	\$ 485.89	3.3	697988688612
MC34S5		\$ 532.85	5.05	697988688629
MC48S5		\$ 690.14	6.25	697988688698
MC75S5		\$ 777.01	8.65	697988688711
MC105S5		\$ 934.29	11.95	697988688735
MC157S5		\$ 1,112.67	14.75	697988688759
MC237S5		\$ 1,406.09	23.5	697988688773
MC331S5		\$ 1,626.75	30.35	697988688780
MC406S5		\$ 2,194.82	34.55	697988688797
MC633S5		\$ 2,657.27	51.55	697988688803
MC1009S5		\$ 3,563.38	82.95	697988688810
MC1260S5		\$ 4,504.65	104.7	697988688827
MC1831S5		\$10,910.78	149	697988688834
MC2928S5		\$13,152.55	222	697988688841

### MC SERIES VALVES FOR 4 WAY AND 3 WAY REQUIREMENTS

EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
SC8551A1MS	NEMA 4, 120VAC, 60Hz	\$ 271.79	1.04	697988387607
SC8551A1MS12VDC	NEMA 4, 12VDC	\$ 358.94	1.09	697988392717
SC8551A1MS220VA	NEMA 4, 220VAC, 60 Hz	\$ 358.94	1.02	697988387614
SC8551A1MS24VAC	NEMA 4, 24VAC, 60Hz	\$ 358.94	1.08	697988384521
SC8551A1MS24VDC	NEMA 4, 24VDC	\$ 358.94	1.06	697988387621
EF8551A1MS	NEMA 4/7/9, 120VAC, 60Hz	\$ 587.84	1.8	697988388420
EF8551A1MS12VDC		\$ 587.84	1.24	697988703254
290413-001	PLUG (REQUIRED FOR EACH SOLENOID)	\$ 24.66	0.04	697988596481
	OPTIONAL SPEED CONTROL	\$ 64.64		

**WHEN ORDERING MC SERIES SOLENOID ORDER MUST INCLUDE A PLUG P/N 290413-001**

### MC SERIES PNEUMATIC SERVICE PARTS

EDI PartNo	Description	List Price	Unit	
			Weight	UPC w/Check Digit
MC20SC	SPRING CARTRIDGE	\$ 23.15		
MC34SC		\$ 23.16	0.02	697988700840
MC48SC		\$ 23.16	0.04	697988700857
MC75SC		\$ 30.27	0.08	697988701021
MC105SC		\$ 30.27	0.1	697988710276
MC157SC		\$ 39.18	0.16	697988714694
MC237SC		\$ 40.97	0.3	697988702912
MC331SC		\$ 48.09	0.3	697988716391
MC406SC		\$ 64.14	0.67	697988713796
MC633SC		\$ 80.15	1.75	697988733022
MC1009SC		\$ 90.85	0.3	697988712089
MC1260SC		\$ 97.97		
MC1831SC		\$ 292.13		
MC2928SC		\$ 292.13	3.85	697988727830

**Note: One spring cartridge is required per end. (Example: an MC20S5 will require a total of 10 spring cartridges, that is 5 each per end).**

EDI PartNo	Description	List Price	Unit	
			Weight	UPC w/Check Digit
MC20RK	STANDARD TEMPERATURE REPAIR KIT	\$ 63.78	0.21	697988692053
MC34RK		\$ 95.66	0.21	697988703056
MC48RK		\$ 97.67		
MC75RK		\$ 121.98		
MC105RK		\$ 127.58	0.21	697988695863
MC157RK		\$ 143.52	0.21	697988703049
MC237RK		\$ 151.49	0.21	697988695870
MC331RK		\$ 159.45	0.21	697988711211
MC406RK		\$ 231.21		
MC633RK		\$ 295.00	0.21	697988732896
MC1009RK		\$ 348.82		
MC1260RK		\$ 414.59	0.21	697988698161
MC1831RK		\$ 743.48		
MC2928RK		\$ 743.48		

**Note: Standard temperature repair kit includes: all Buna O-rings, piston bearings, skates, pinion bearing and guides.**

MC SERIES PNEUMATIC SERVICE PARTS				
EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
MC20RKHT	HIGH TEMPERATURE REPAIR KIT	\$ 114.51		
MC34RKHT		\$ 187.65	0	697988728134
MC48RKHT		\$ 206.74		
MC75RKHT		\$ 219.46	0	697988729087
MC105RKHT		\$ 251.27	0.21	697988713253
MC157RKHT		\$ 279.89		
MC237RKHT		\$ 298.98		
MC331RKHT		\$ 362.59	0.21	697988713260
MC406RKHT		\$ 413.49		
MC633RKHT		\$ 508.91	0.21	697988713277
MC1009RKHT		\$ 578.88		
MC1260RKHT		\$ 693.39	0.21	697988713284
MC1831RKHT		\$ 1,354.96		
MC2928RKHT		\$ 1,354.96		

**Note: High temperature repair kit includes: all Viton O-rings, piston bearings, skates, pinion bearing and guides.**

MC SERIES PNEUMATIC MANUAL GEAR WITH DECLUTCHABLE OVERRIDES				
EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
UTZM28	FITS: MC75 - MC105	\$ 508.91	42	697988674189
UTZM49	FITS: MC157 - MC331	\$ 890.58	37.56	697988680753
UTZM65	FITS: MC406 - MC633	\$ 1,119.60	37.05	697988670006
UTZM89	FITS: MC1009 - MC1260	\$ 2,162.86	42	697988669987

**Note: Manual gears are for use on double acting actuators. List price does not include mounting bracket, please contact your customer service representative for bracket cost.**

LIMIT SWITCHES				
MC LIMIT SWITCH				
NEMA 4, 4X, 2SPDT SWITCHES (MECHANICAL)				
EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
BABAA211100	FITS: MC20 - MC2928	\$ 399.43	4	697988722798
<b>Note: Mounting bracket included in list price shown above, for MC Limit Switches.</b>				

WESTLOCK LIMIT SWITCH				
EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
2004N	NEMA 4, 4X, w/2 SPDT SWITCHES & BEACON (MECHANICAL)	\$ 509.40	3.06	697988503793
2004NFC	NEMA 4, 4X, w/2 SPDT SWITCHES, NO BEACON (MECHANICAL)	\$ 429.59	1	697988587373
2004N-CS	NEMA 4, 4X, w/2 SPDT SWITCHES & BEACON, ANALOG OUTPUT (1000 OHM)	\$ 1,500.01	1	697988558397
2004N-RS	NEMA 4, 4X, w/2 SPDT SWITCHES & BEACON, ANALOG OUTPUT (4-20 MA)	\$ 896.69	1	697988558403
2007XN	NEMA 4, 4X, 7 & 9, 2SPDT SWITCHES w/BEACON	\$ 643.17	4.9	697988388000

**Note: Mounting bracket are not included in list price shown above, for Westlock Limit Switches, please refer to list price adder under Numar Mounting bracket for appropriate MC pneumatic actuator.**

NUMAR MOUNTING BRACKETS FOR WESTLOCK LIMIT SWITCH				
EDI PartNo	Description	List Price	Unit Weight	UPC w/Check Digit
M31N	FITS: MC20 - MC157	\$ 71.35	1.48	697988692602
M2366N	FITS: MC237 - MC2928	\$ 71.35	1.24	697988388932

<b>POSITIONERS</b>				
<b>VAC POSITIONERS FOR MC SERIES PNEUMATIC ACTUATORS</b>				
<b>EDI PartNo</b>	<b>Description</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
V200ED190AC1	4-20 MADC ELECTRO PHNEUMATIC w/FLAT COVER INDICATOR	\$ 1,702.59	3.45	697988608566
V200PD190AC1	3-15 PSI PNEUMATIC w/FLAT COVER INDICATOR	\$ 1,026.24	3.45	697988605121
<b>GAUGES FOR VAC POSITIONERS</b>				
<b>EDI PartNo</b>	<b>Description</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
9690217	0-30 PSI (P530156)	\$ 87.57	0.5	697988677548
9690242	0 - 160 PSI (P77413)	\$ 87.48	0.5	697988677531
<b>NAMUR MOUNTING BRACKETS FOR VAC POSITIONERS</b>				
<b>EDI PartNo</b>	<b>Description</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
350001	FITS: MC20 - MC157	\$ 75.09	1.06	697988598690
350002	FITS: MC237 - MC2928	\$ 118.72	1.58	697988631014

MC SERIES ELECTRIC ACTUATORS				
REVERSE ROTATION ELECTRIC ACTUATORS NEMA 4 RATED FOR BALL VALVES				
EDI PartNo	Cycle Time / Torque Inch Lbs.	List Price	Unit Weight	UPC w/Check Digit
MCR100I	2.5 SEC / 100	\$ 650.22	8.78	697988488977
MCR200I	5 SEC / 200	\$ 748.82	7.54	697988388345
MCR300I	5 SEC / 300	\$ 967.14	7.58	697988387201
MCR675I	15 SEC / 675	\$ 1,631.44	14.1	697988388574
MCR1000I	15 SEC / 1000	\$ 1,964.80	16.22	697988388291

**NOTE: MCR200I, MCR300I, AND MCR675I HAVE ISO MOUNTING DIMENSIONS w/ U.S. THREADS. STANDARD 1/2" CONDUIT - ALL UNITS WIRED FOR TWO LIGHT INDICATION.**

REVERSIBLE ROTATION ELECTRIC ACTUATORS w/BRAKES FOR BUTTERFLY VALVES				
EDI PartNo	Cycle Time / Torque Inch Lbs.	List Price	Unit Weight	UPC w/Check Digit
MCRB200I	5 SEC / 200	\$ 1,253.53	7.78	697988401488
MCRB300I	5 SEC / 300	\$ 1,568.05	7.78	697988547353
MCRB675I	15 SEC / 675	\$ 2,225.36	15.68	697988388260
MCRB1000I	15 SEC / 1000	\$ 2,617.36	15.64	697988388222

**NOTE: MANUAL OVERRIDE IS STANDARD ON MCRB675I & MCRB1000I; AND OPTIONAL ON THE MCRB2000 AND MCRB300I**

**Caution:** Electric operation of actuators must be through a single pole control switch to isolate the unused motor winding.

OPTIONAL EQUIPMENT FOR MC SERIES ELECTRIC ACTUATORS			
OPTION CODE ADDER	OPTION DESCRIPTION	AVAILABLE ON MODELS	List Price ADDER
1S	ONE SWITCH	ALL	\$ 100.92
2S	TWO SWITCHES	EXCLUDES MCR100I	\$ 199.53
HT	HEATER THERMOSTAT	ALL	\$ 295.76
VP	VLAVE POSITIONER	EXCLUDES MCR100I	\$ 1,814.55
1	1K POT	EXCLUDES MCR100I	\$ 375.57
TX	POSITION TRANSMITTER	EXCLUDES MCR100I	\$ 847.41
SC	SPEED CONTROL	EXCLUDES MCR100I	\$ 666.67
3P	THREE POSITION	ALL	\$ 333.34
MO	FLAT SHAFT MANUAL OVERRIDE	STD FOR MODELS	\$ 274.62
N7	NEMA 4/7 HOUSING	EXCLUDES MCR100I	\$ 455.39



## MC SERIES ELECTRIC ACTUATORS - OPTIONAL VOLTAGES

EDI PartNo	Cycle Time / Torque Inch Lbs.	List Price	Unit Weight	UPC w/Check Digit
<b>REVERSE ROTATION ELECTRIC ACTUATORS NEMA 4 RATED FOR BALL VALVES</b>				
MCR100I24VDC	2.5 SEC / 100	\$ 730.57	16.22	697988665101
MCR200I24VAC	5 SEC / 200	\$ 922.53	6.26	697988492721
MCR200I24VDC	5 SEC / 200	\$ 922.53	16.22	697988388444
MCR200I230VAC	5 SEC / 200	\$ 1,164.33	16.22	697988659544
MCR300I-24VAC	5 SEC / 300	\$ 1,164.33	16.22	697988388468
MCR300I-24VDC	5 SEC / 300	\$ 1,164.33	16.22	697988388475
MCR300I230V	5 SEC / 300	\$ 1,164.33	7.6	697988547919
MCR675I-24VDC	15 SEC / 675	\$ 1,802.81	14	697988384132
MCR1000I12VDC	15 SEC / 1000	\$ 2,161.96	16.22	697988512085
MCR1000I24VAC	15 SEC / 1000	\$ 2,161.96	16.22	697988545052
EDI PartNo	Cycle Time / Torque Inch Lbs.	List Price	Unit Weight	UPC w/Check Digit
<b>REVERSIBLE ROTATION ELECTRIC ACTUATORS w/BRAKES FOR BUTTERFLY VALVES</b>				
MCRB200I-12VDC	5 SEC / 200	\$ 1,429.60	7.04	697988547131
MCRB200I230VAC	5 SEC / 200	\$ 1,429.60	7.06	697988587083
MCRB200I24VAC	5 SEC / 200	\$ 1,429.60	5.3	697988388246
MCRB300I-12VDC	5 SEC / 300I	\$ 1,762.89	7	697988510296
MCRB675-12VDC	15 SEC / 675	\$ 2,424.87	20	697988397224
MCRB1000I12VDC	15 SEC / 1000	\$ 2,814.52	20	697988541306
MCRB1000I24VAC	15 SEC / 1000	\$ 2,814.52	20	697988512863
MCRB1000I24VDC	15 SEC / 1000	\$ 2,814.52	20	697988640573
MCRB1000I-230V	15 SEC / 1000	\$ 2,814.52	15.64	697988636736
<b>SPRING RETURN ELECTRIC ACTUATORS</b>				
EDI PartNo	Cycle Time / Close Time / Torque In LBS.	List Price	Unit Weight	UPC w/Check Digit
MCSRE200	5 SEC / 3-4 SEC / 200	\$ 3,992.94	23.45	697988389113
MCSRE400	12 SEC / 3-4 SEC / 300	\$ 6,293.42	22	697988389151
MCSRE600	12 SEC / 3-4 SEC / 600	\$ 8,629.07	22	697988497559
MCSRE1000	12 SEC / 3-4 SEC / 1000	\$17,011.66		

**Notes MCSRE Series Spring Return Actuators:** Non-stock product, non-cancellable/non-returnable. Please contact your Customer Service Representative for lead-times. Manual overrides are not available.

**Caution:** Electric operation of actuators must be through a single pole control switch to isolate the unused motor winding.

<b>LB SERIES ELECTRIC ACTUATORS</b>				
<b>INTERMITTENT SERVICE: QUARTER-TURN REVERSIBLE WITH 30% DUTY CYCLE 1PH/60Hz/115VAC MOTOR, CSA APPROVED NEMA 4 ENCLOSURE, ISO MOUNT</b>				
<b>EDI PartNo</b>	<b>Cycle Time / Torque In LBS.</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
OA3-5	5 SEC / 355	\$ 1,610.33	50	697988511323
OA8-5	5 SEC / 885	\$ 2,537.52	19.2	697988497580
OA8-25	25 SEC / 885	\$ 2,812.20	17	697988554139
OA15-15	15 SEC / 1350	\$ 3,267.62	15.32	697988397408
OA15-25	25 SEC - 1350	\$ 3,267.62	20	697988554115
AT25-25	25 SEC / 2250	\$ 5,105.63	35.58	697988396074
AT25-50	50 SEC / 2250	\$ 5,105.63	40	697988496354
AT50-25	25 SEC / 4500	\$ 6,274.60	42.76	697988400740
<b>CLASS 111 MODULATING SERVICE: QUARTER-TURN REVERSIBLE WITH 50% DUTY CYCLE 1PH/60Hz/115VAC MOTOR, CSA APPROVED NEMA 4 ENCLOSURE, ISO MOUNT</b>				
<b>EDI PartNo</b>	<b>Cycle Time / Torque Break In LBS.</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
OA8MG-25	25 SEC / 720	\$ 3,773.59	20	697988400009
OA8MG-50	50 SEC / 720	\$ 3,773.58		
OA15MG-25	25 SEC / 1350	\$ 4,503.65	20	697988578890
AT25MG-25	25 SEC / 2250	\$ 6,852.68	20	697988595231
AT50MG-25	25 SEC / 4500	\$ 8,020.55	20	697988569379
<b>Caution:</b> Electric operation of actuators must be through a single pole control switch to isolate the unused motor winding.				

<b>LB SERIES ACCESSORIES LIST PRICE ADDERS</b>		
<b>DESCRIPTION</b>	<b>OA List Price</b>	<b>AT List Price</b>
3 PHASE MOTOR OPTIONS	617.37	617.37
<b>CONTROL COMPARTMENT OPTIONS</b>		
SPACE HEATER	STD	STD
TWO AUX. SPDT POSITION SWITCHES	187.79	STD
FOR 6 TOTAL SPDT POSITION SWITCH	442.76	662.33
<b>STANDARD FEEDBACK POTENTIOMETER</b>		
SINGLE -100ohm	511.74	722.99
DUAL - 1000ohm	1,161.95	1,161.95
<b>PRECISION FEEDBACK POTENTIOMETER</b>		
SINGLE -1000ohm	751.19	751.19
SINGLE MYLAR - 1000ohm	1,387.33	1,387.33
DUAL - 1000ohm	1,873.25	1,873.25
RELAY FOR 2 WIRE CONTROL	269.94	335.66
RELAY FOR MAINTAINED TORQUE SWITCH OPERATION	N/A	1,514.09
<b>CONTROL COMPONENT OPTIONS</b>		
TAM POSITION TRANSMITTER w/1000 ohm POT	1,730.04	1,730.04

**LB SERIES ACTUATORS**

**SPRING RETURN FAILSAFE ELECTRIC NEMA 4/6 ENCLOSURE, CSA APPROVED, ISO MOUNT**

EDI PartNo	Cycle Time / Close Time / Torque Break	List Price	Unit	
			Weight	UPC w/Check Digit
FQ4	28 / 7 / 360 INCH LBS	\$11,284.01	61.47	697988511415
FQ8	28 / 6 / 720 INCH LBS	\$12,305.14	61.47	697988512214
FQ12	78 / 10 / 1070 INCH LBS	\$15,377.86		
FQ18	78 / 15 / 1600 INCH LBS	\$17,481.15	61.47	697988511439
FQ30	98 / 18 / 2660 INCH LBS	\$32,082.05		
FQZ50	98 / 27 / 4425 INCH LBS	\$41,009.26		

**Caution:** Electric operation of actuators must be through a single pole control switch to isolate the unused motor winding.

## MOUNTING BRACKETS AND LABOR CHARGES

### BUTTERFLY VALVES\*

SIZE	M & C SERIES LIST PRICE	HP SERIES LIST PRICE	LABOR
2"	\$ 194.85	\$ 207.75	\$ 72.77
2 1/2"	\$ 194.85	\$ 207.75	\$ 72.77
3"	\$ 194.85	\$ 207.75	\$ 72.77
4"	\$ 194.85	\$ 207.75	\$ 72.77
5"	\$ 194.85	\$ 207.75	\$ 72.77
6"	\$ 194.85	\$ 207.75	\$ 72.77
8"	\$ 259.70	\$ 390.12	\$ 79.80
10"	\$ 259.70	\$ 390.12	\$ 79.80
12"	\$ 259.70	\$ 390.12	\$ 79.80
14"	\$ 535.69	\$ 535.69	\$ 84.49
16"	\$ 535.69	\$ 535.69	\$ 84.49
18"	POA	POA	POA
20"	POA	POA	POA
24"	POA	POA	POA
30" & ABOVE	POA	POA	POA

\*Carbon steel brackets are standard for butterfly valves, stainless steel brackets are available, please contact your Customer Service Representative for pricing and lead-times.

### BALL VALVES

SIZE	CARBON STEEL LIST PRICE	STAINLESS STEEL LIST PRICE	LABOR
1/4" - 1 1/2"	\$ 124.40	\$ 265.62	\$ 44.61
2"	\$ 138.49	\$ 265.62	\$ 44.61
2 1/2"	\$ 295.28	\$ 462.99	\$ 49.30
3"	\$ 295.28	\$ 462.99	\$ 49.30
4"	\$ 327.94	\$ 517.89	\$ 49.30
6"	\$ 327.94	\$ 517.89	\$ 65.71
8"	POA	POA	POA
10"	POA	POA	POA
12"	POA	POA	POA

### TEE LINK ASSEMBLY†

SIZE	LIST PRICE
2" - 3"	\$ 476.54
4" - 5"	\$ 509.39
6" - 8"	\$ 629.11
10" - 12"	\$ 875.59
14" - 16"	\$ 1,213.60
18" - 20"	\$ 1,683.11
24" - 30"	\$ 1,849.76
36" - 40"	\$ 2,098.58

†When ordering tee-link, an arrangements number must be listed on order. Please contact your Customer Service Representative for a copy of the various numbered arrangements.