



ACT-0421

Effective:  
April 1, 2021  
Supersedes  
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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**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

<b>MC SERIES ELECTRIC ACTUATORS</b>				
<b>REVERSE ROTATION ELECTRIC ACTUATORS NEMA 4 RATED FOR BALL VALVES</b>				
<b>EDI PartNo</b>	<b>Cycle Time / Torque Inch Lbs.</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
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.**

<b>REVERSIBLE ROTATION ELECTRIC ACTUATORS w/BRAKES FOR BUTTERFLY VALVES</b>				
<b>EDI PartNo</b>	<b>Cycle Time / Torque Inch Lbs.</b>	<b>List Price</b>	<b>Unit Weight</b>	<b>UPC w/Check Digit</b>
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.

<b>OPTIONAL EQUIPMENT FOR MC SERIES ELECTRIC ACTUATORS</b>			
<b>OPTION CODE ADDER</b>	<b>OPTION DESCRIPTION</b>	<b>AVAILABLE ON MODELS</b>	<b>List Price ADDER</b>
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

**Caution:** 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.