



MILWAUKEE VALVE

PRODUCT BULLETIN

IND-04/01/15

DATE 4/06/15

**SUBJECT: NEW MC SERIES
PNEUMATIC ACTUATORS**

Milwaukee Valve is happy to introduce a new Pneumatic Actuator Line. It will be called The New MC Series Pneumatic Rack & Pinion Actuator. It will perform the same duties as the old MC Series Pneumatic Line. The new line has some additional Features and Benefits: Improved Travel Stop Design for open and closed travel positions, Upgraded Top Thrust Bearing Design for improved side loading resistance and Increased Tooth Engagement which provides for a minimum of two teeth engaged with the rack and the pinion at all times for consistent torque output and accuracy. The extruded Aluminum actuator housing is finished w/ Anodized/Epoxy Polyester powder coating for corrosion protection.

These features plus being assembled and tested in the US, gives us a product that will meet the demands of the HVAC and Industrial markets now and in the future.

See the Table below for new part numbers and interchangeability needs between the old and the new product line.

DOUBLE ACTING								SPRING RETURNS						
Old MC #	Torq@80 DA	Drive Sq.	Equal	New MC#	Drive Sq.	Torq@80DA	Act Mount Code	Torq@80	Drive Sq.	Old MC # S4	Equal	New MC# S5	Drive Sq.	Torq@80 SR
MC1	100	11	YES	MC10	11	113	105				YES			
*MC2	203	14	NO	MC20	11	191	105	76	14	*MC2S4	NO	MC20S5	11	71
MC3	302	14	YES	MC34	14	340	200	171	14	MC3S4	YES	MC34S5	14	116
*MC5	526	17	NO	MC48	14	482	200	208	17	*MC5S4	NO	MC48S5	14	178
MC7	734	17	YES	MC75	17	738	201	253	17	MC7S4	YES	MC75S5	17	266
MC10	1032	17	YES	MC105	17	1088	201	379	17	MC10S4	YES	MC105S5	17	393
MC14	1479	22	YES	MC157	22	1574	202	521	22	MC14S4	YES	MC157S5	22	533
MC22	2218	22	YES	MC237	22	2379	202	800	22	MC22S4	YES	MC237S5	22	883
MC29	2958	22	YES	MC331	22	3316	202	1033	22	MC29S4	YES	MC331S5	22	1094
MC47	4142	27	YES	MC406	27	4069	203	1363	27	MC47S4	YES	MC406S5	27	1447
MC58	5865	27	YES	MC633	27	6332	203	2104	27	MC58S4	YES	MC633S5	27	2347
*MC90	9100	36	NO	MC1009	36	10099	204	3238	36	*MC90S4	NO	MC1009S5	36	3366
MC121	12132	36	YES	MC1260	36	12594	204	4317	36	MC121S4	YES	MC1260S5	36	4628
MC236	23665	46	YES	MC1831	46	18316	205	9145	46	MC236S4	YES	MC1831S5	46	6908
MC295	29581	46	YES	MC2928	46	29282	205	10030	46	MC295S4	YES	MC2928S5	46	9422
MC372	37250	46	NO	N/A		38996		10239	46	MC372S4	NO	N/A		N/A

*NOTE: THE ACTUATOR MODELS MC2/MC2S4 AND MC5/MC5S4 ARE NOT INTERCHANGABLE WITH THE NEW MODELS, DUE TO THE OUTPUT DRIVE DIMENSIONS IF REPLACING UNITS IN SERVICE : MC2/MC2S4 USE MC34/MC34S5 AND FOR MC5/MC5S4 USE MC75/MC75S5, MC90 IS NOT INTERCHANGABLE W/MC1009

Regards,
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