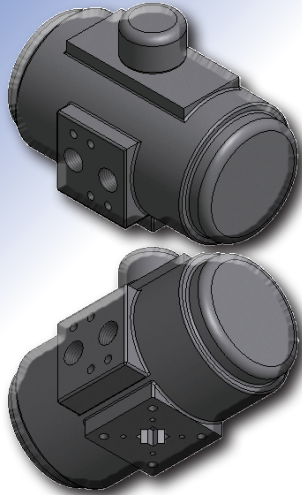


PNEUMATIC ACTUATORS

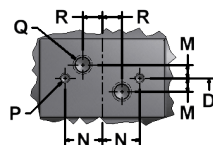
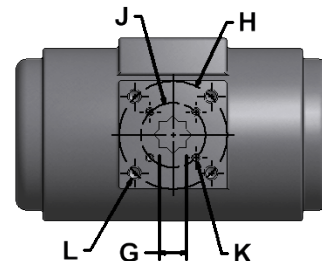
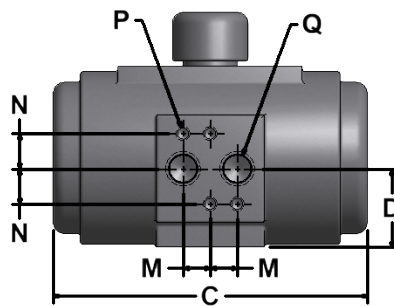
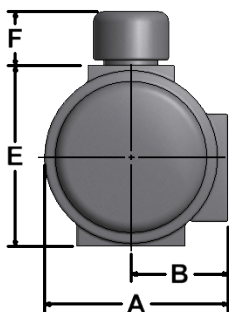
Spring Return



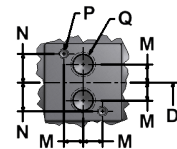
DMIC Spring Return actuators include great features like a "fail" position that the actuator will return the valve to either an open or closed position, the actuator will hold the valve in the set position until energized. Our spring return actuators can be fitted with accessories such as limits switches or electronic position indicators

- Can be set to spring open or closed (de-energized position)
- Rapid response
- Multiple sizes with various torque ranges
- Multiple spring options available
- 120 PSI MAX input rating

Actuators	MAX PSI Rating	Dimensions (inches)															
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
AC-SRA4	120 PSI	2.36	1.30	4.65	0.83	2.36	0.90	0.36	N/A	1.654	10-24 X 0.24	N/A	0.25	1.00	10-24 X 0.24	1/8 NPT	0.50
AC-SRB4		3.27	1.81	6.77	1.26	3.15		0.44	1.969	1.417	10-24 X 0.31	1/4-20 X 0.39					
AC-SRC4		3.79	2.09	8.03	1.32	3.66	0.94	0.56	2.756	1.969	1/4-20 X 0.39	5/16-18 X 0.39	0.47	0.63	10-24 X 0.31	1/4 NPT	N/A
AC-SRD4		4.19	2.26	9.80	1.54	4.13		0.75	4.016	2.756	5/16-18 X 0.39	3/8-16 X 0.63					
AC-SRE4		4.61	2.48	10.51	1.59	4.65	0.87	4.921					4.016	3/8-16 X 0.63	1/2-13 X 0.79		
AC-SRF4		5.39	2.87	14.17	1.99	5.63	1.07		4.920	4.720	3/8-16 X 0.59	1/2-13 X 0.71					
AC-SRG4		7.12	3.71	15.24	2.85	7.13	1.53	1.42					5.510	N/A	--	5/8-11 X 0.98	
AC-SRH4		8.53	4.45	18.78	3.33	8.66			1.29	0.43	1.970	1.420					10-24 X 0.29
AC-SRN4		2.79	1.61	5.49	1.04	2.74	0.55	2.760	1.970				1/4-20 X 0.31	5/16-18 X 0.47			
AC-SRO4		3.17	1.77	6.38	1.08	3.17	0.67			4.020	2.760	5/16-18 X 0.47			3/8-16 X 0.55		
AC-SRP4		3.72	2.07	8.15	1.38	3.82	0.81	4.020	2.760				5/16-18 X 0.47	3/8-16 X 0.55			
AC-SRQ4		4.17	2.30	9.35	1.65	4.27	1.06			4.920	4.720	3/8-16 X 0.59			1/2-13 X 0.71		
AC-SRR4		4.85	2.68	10.69	1.97	4.78		1.53	1.42				5.510	N/A		--	5/8-11 X 0.98
AC-SRS4		5.39	2.87	12.91	1.97	5.57	0.43			1.970	1.420	10-24 X 0.29			1/4-20 X 0.35		
AC-SRT4		5.83	3.15	14.41	2.40	6.04		0.67	2.760				1.970	1/4-20 X 0.31		5/16-18 X 0.47	
AC-SRU4		6.45	3.44	16.85	2.80	6.93	0.81	4.020		2.760	5/16-18 X 0.47	3/8-16 X 0.55					
AC-SRV4		7.36	3.94	20.55	3.21	7.40	1.06		4.920				4.720	3/8-16 X 0.59	1/2-13 X 0.71		
AC-SRW4		8.58	4.29	22.64	3.46	9.41	1.53	1.42		5.510	N/A	--				5/8-11 X 0.98	



AC-DAA & AC-SRA4
PORTING



AC-DAW & AC-SRW4
PORTING

Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.



PNEUMATIC ACTUATORS

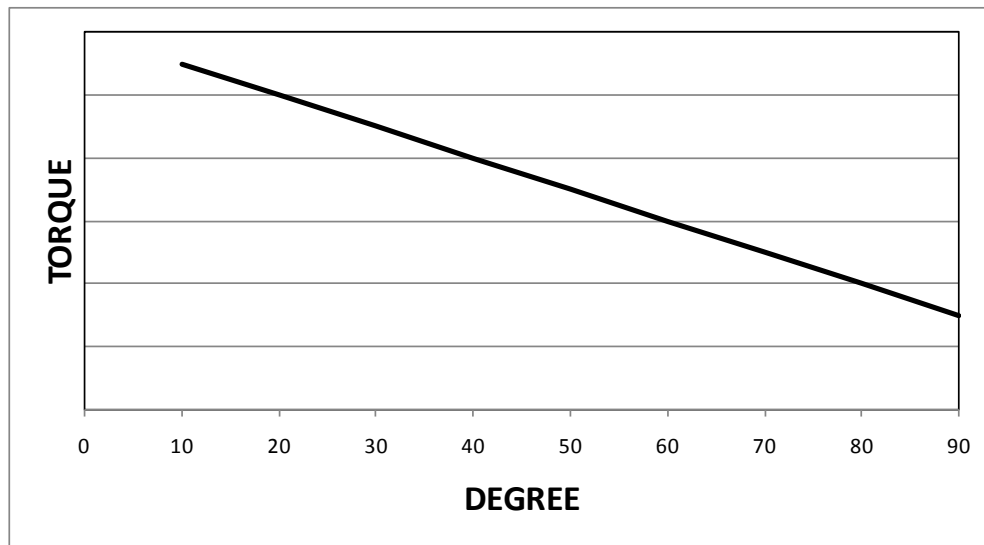
Spring Return - Ordering Codes & Technical Preface

Order Codes

AC — SR*4

AC Series	
Code	Range
SR*4	Please replace (*) with the actuator size located on previous page

DMIC's Spring Return Actuators (S.R.A) use a portion of the input energy to compress internal springs. This stored energy is used on the return stroke. Details to be considered when specifying a DMIC S.R.A such as, spring open or closed, minimum torque requirements and max torque in the application. Please contact the DMIC sales team for assistance in proper actuator sizing.



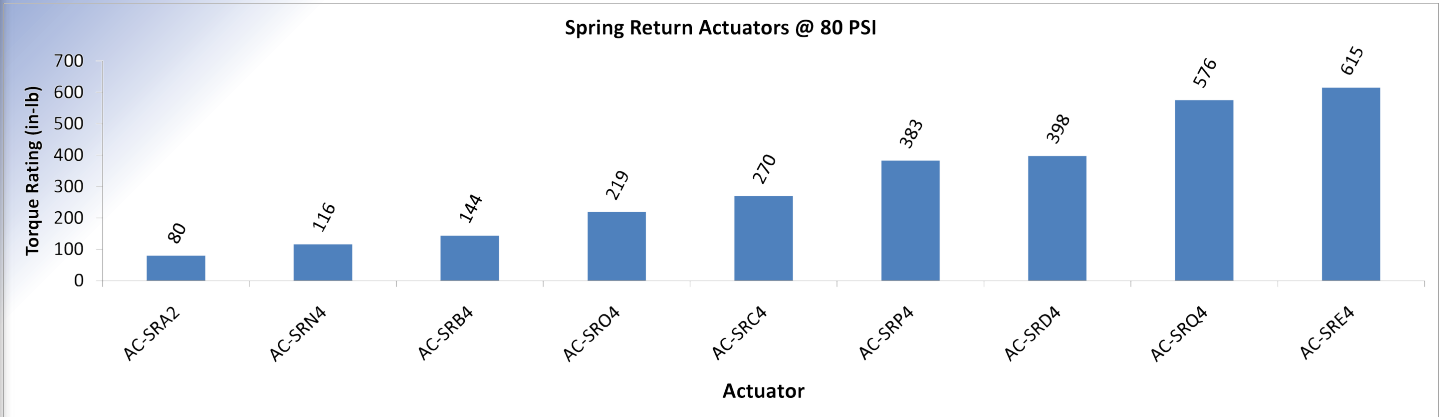
Please consider the following questions when choosing the right Spring Return Actuator for your system:

- Ball Valve Part Number or Bore Size
- Fluid Type
- Maximum and Minimum pressure
- Temperature (System + Ambient)
- Maximum and Minimum air supply pressure
- Duty Cycle: Cycles per Second/Minute/Hours/Days
- Will the valve be actuated under load due to pressure
- Environment exposure (marine, hazardous location, etc...)
- Please tell us any special conditions or requirements

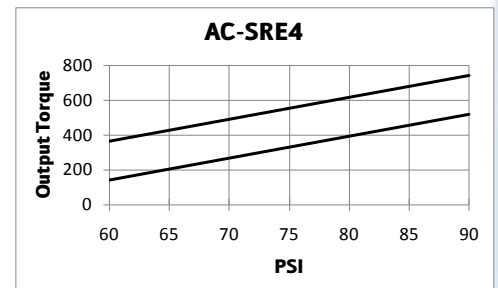
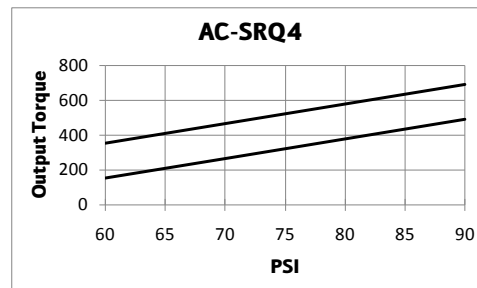
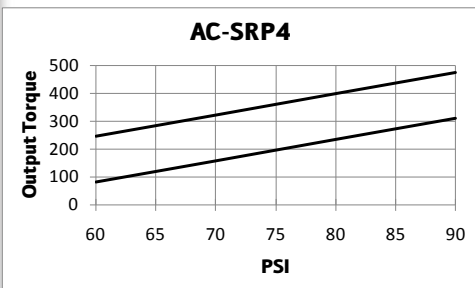
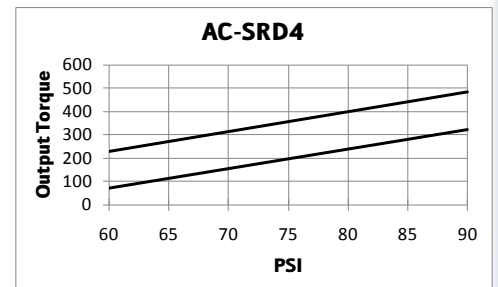
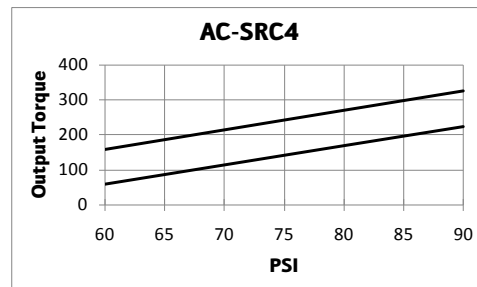
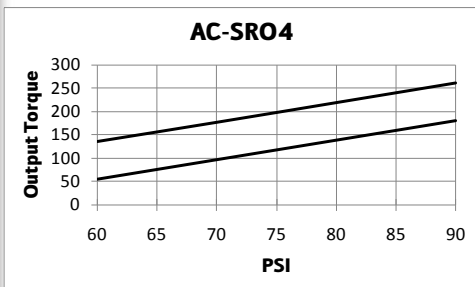
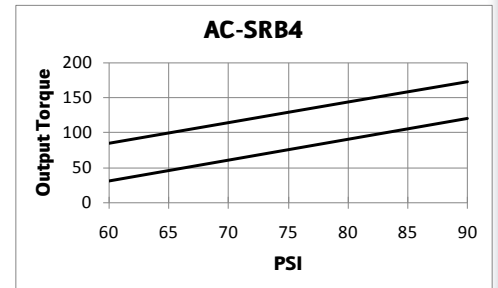
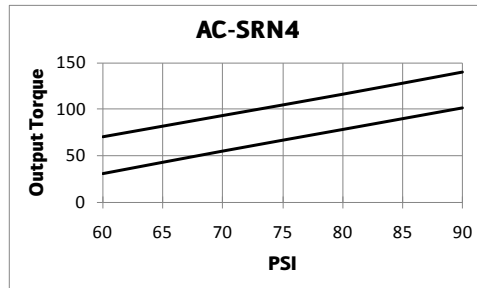
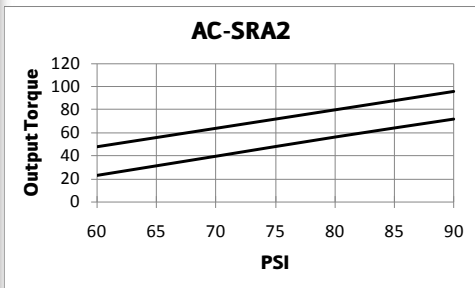


PNEUMATIC ACTUATORS

Spring Return



*Torque values given for spring return actuators are using DMIC standard spring sets.
Please Note: Top line indicates BREAK and bottom line indicates RUN*

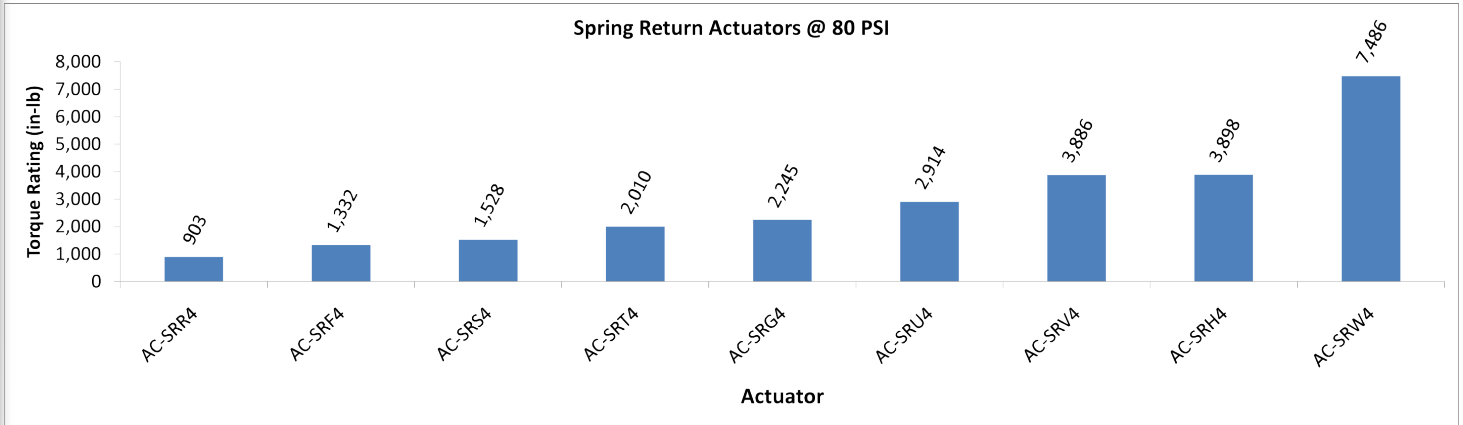


Spring return actuators deliver a portion of their energy to compressing the internal springs during rotation

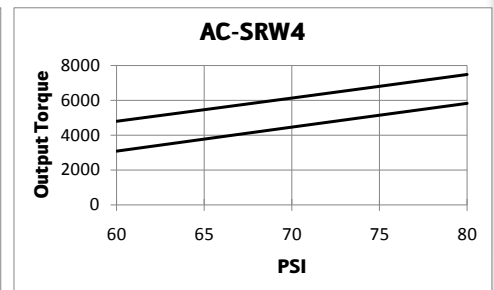
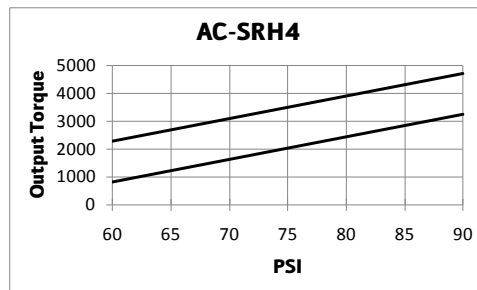
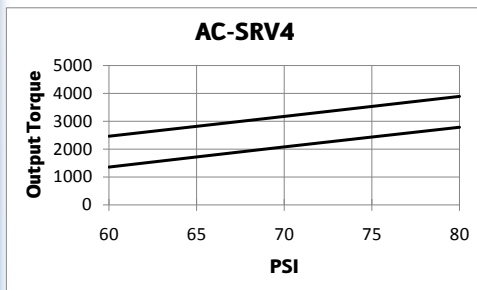
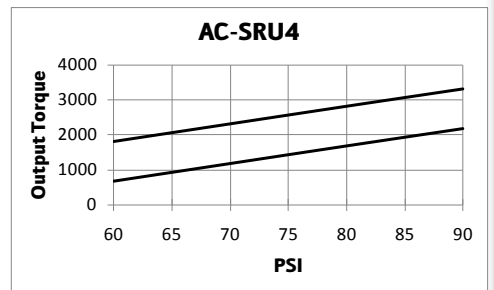
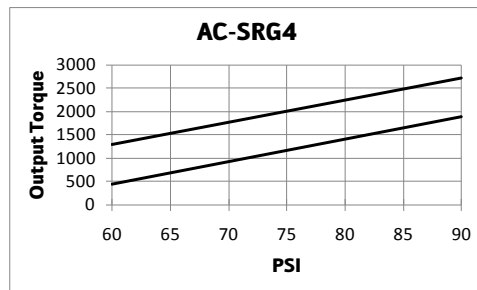
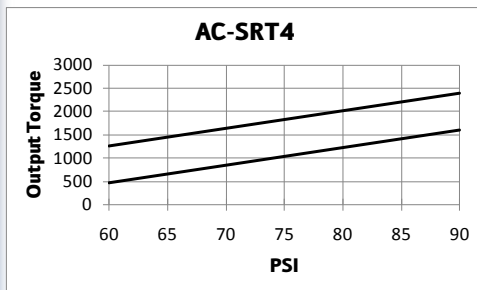
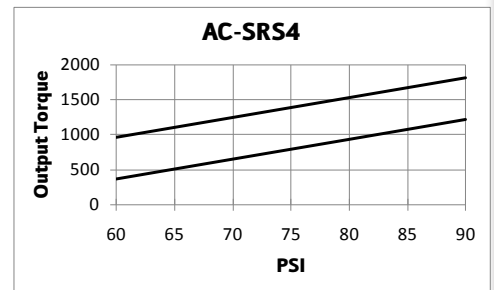
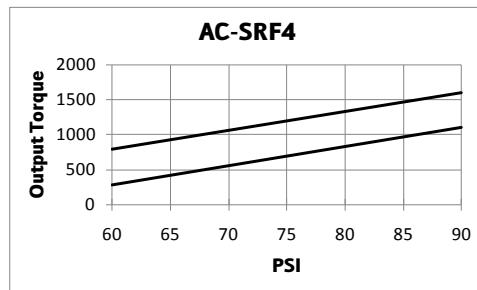
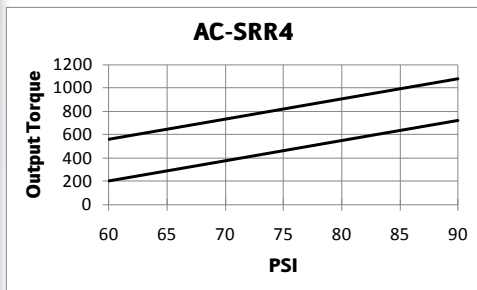


PNEUMATIC ACTUATORS

Spring Return



*Torque values given for spring return actuators are using DMIC standard spring sets.
Please Note: Top line indicates BREAK and bottom line indicates RUN*



Spring return actuators deliver a portion of their energy to compressing the internal springs during rotation

