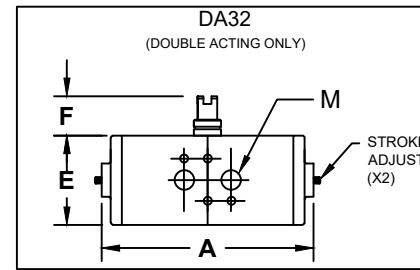
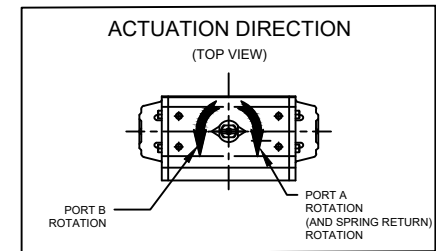


NOTES:

- OPERATING TEMPERATURE (STD) -4°F TO 185°F. LOW AND HIGH TEMP OPTIONS AVAILABLE, CONSULT FACTORY
- TORQUE RATINGS SHOWN ARE AT 80 PSI AIR (DYNAMIC PRESSURE), RECOMMENDED.
- MAXIMUM PRESSURE : 120 PSI*
- MINIMUM PRESSURE: 40 PSI*
- VALUES ARE IN INCHES & IN LBS.
- UCI RECOMMENDS A 20% MIN SAFETY FACTOR WHEN SPECIFYING AN ACTUATOR FOR YOUR OWN APPLICATIONS
- ALL UNITS ACCEPT INDUSTRY STANDARD NAMUR SOLENOID MOUNTING AND ISO LIMIT SWITCH MOUNTING
- USING UNFILTERED AIR MAY CAUSE PREMATURE FAILURE

* WILL AFFECT PERFORMANCE, CONSULT FACTORY



SERIES 2 ACTUATORS		
DESCRIPTION	MATERIAL	TREATMENT
BODY	EXTRUDED ALUMINUM	HARD ANODIZED
PINION SPACER RING	POM	
PISTON THRUST BLOCK		
PISTON	DIE CAST ALUMINUM	
ANTI-FRICTION RING	PTFE 15% GRAPHITE	
WASHER		
STOP BOLT RETAINING NUT	STAINLESS STEEL	
STOP BOLT		
END CAP FIXING SCREW		
EXTERNAL SPRING		
CENTRAL SPRING	STEEL	ZINC-PHOSPHATE
INTERNAL SPRING		
ANTI-BLOWOUT PINION	STEEL	NICKEL PLATED
PINION SNAP RING		
END CAP	DIE CAST ALUMINUM	PAINTED
END CAP O-RING		
LOWER PINION O-RING	VITON	
TOP PINION O-RING		
STOP BOLT O-RING		
PISTON O-RING		

MOD	MOUNTING	A	B	C	D	E	F	G	H	J	K	L	M	N	DA TORQUE	SPRING RETURN TORQUE
32	F03	4.33	1.77	0.88	0.88	1.77	0.79	0.39	1.97	0.98	10-24 UNC 2BX0.29"	N/A	1/8"	0.35	76	N/A
52	F03 - F05	5.55	2.80	1.18	1.61	3.21	0.79	0.39	3.15	1.18	10-24 UNC 2BX0.29"	1/4-20 UNC 2BX0.35"	1/8"	0.43	178	55
63 ¹	F05 - F07	6.46	3.17	1.40	1.77	3.66	0.79	0.43	3.15	1.18	1/4-20 UNC 2BX0.31"	5/16-18 UNC 2BX0.47"	1/8"	0.55	320	95
75	F05 - F07	8.27	3.72	1.65	2.07	4.37	0.79	0.51	3.15	1.18	1/4-20 UNC 2BX0.31"	5/16-18 UNC 2BX0.47"	1/8"	0.67	586	157
85	F05 - F07	9.47	4.17	1.87	2.30	4.92	0.79	0.59	3.15	1.18	1/4-20 UNC 2BX0.31"	5/16-18 UNC 2BX0.47"	1/8"	0.67	853	257
100	F07 - F10	10.83	4.84	2.17	2.68	5.43	0.79	0.59	3.15	1.18	5/16-18 UNC 2BX0.31"	3/8-16 UNC 2BX0.55"	1/4"	0.67	1333	378
115	F07 - F10	13.11	5.39	2.52	2.87	6.39	1.18	0.87	3.15/5.12	1.18	5/16-18 UNC 2BX0.47"	3/8-16 UNC 2BX0.59"	1/4"	0.87	2212	637
125	F07 - F10	14.65	5.83	2.68	3.15	6.87	1.18	0.87	3.15/5.12	1.18	5/16-18 UNC 2BX0.47"	3/8-16 UNC 2BX0.59"	1/4"	0.87	2905	789
140	F10 - F12	17.13	6.46	3.01	3.44	7.76	1.18	0.94	3.15/5.12	1.18	3/8-16 UNC 2BX0.59"	1/2-13 UNC 2BX0.71"	1/4"	1.06	4006	1017
160	F10-F12	19.69	7.32	3.43	3.90	8.70	1.18	1.18	3.15/5.12	1.18	3/8-16 UNC 2BX0.55"	1/2-13 UNC 2BX0.67"	1/4"	1.06	5596	1620
180	F10-F14	19.41	8.38	3.86	4.53	9.96	1.18	1.42	3.15/5.12	1.18	3/8-16 UNC 2BX0.55"	5/8-11 UNC 2BX0.98"	1/4"	1.42	7711	2248
200	F14	22.76	8.54	4.25	4.29	10.94	1.18	1.42	3.15/5.12	1.18	/	5/8-11 UNC 2BX0.94"	1/4"	1.42	10393	3150

1: F04 PATTERN AVAILABLE (C/F)

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DRAWING NAME:

SERIES 2 PNEUMATIC ACTUATOR

MATERIAL:	A	DRAWING NUMBER:	PNEUMATIC-UCI-SERIES-2-ACTUATOR	REV.	2
SCALE: N.T.S.	NAME: MCH	DATE:	6-25-24		