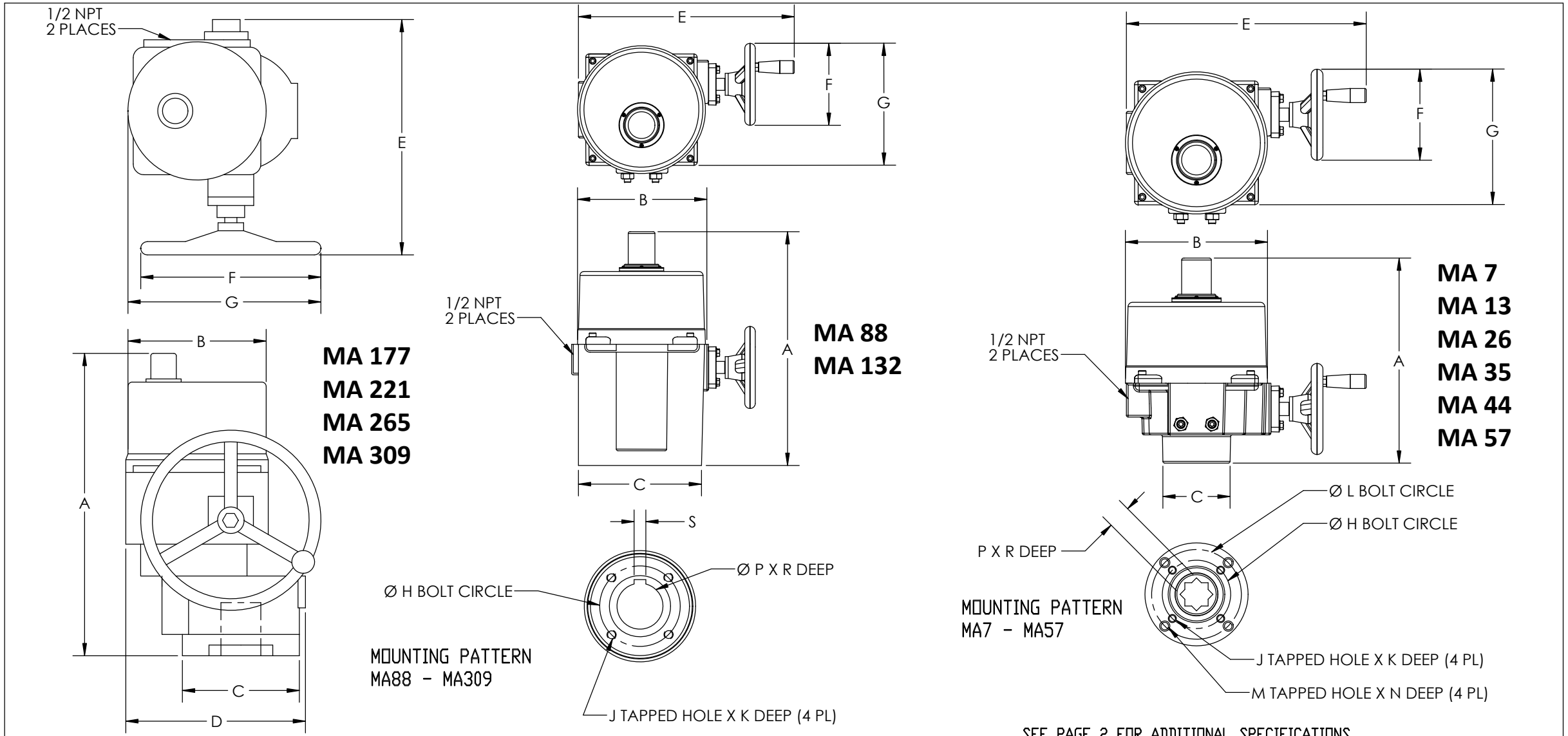




CYCLE TIME WILL VARY BASED ON VOLTAGE

MODEL	TORQUE IN-LB	CYCLE TIME	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	TEMP RANGE
MA7	800	17 SEC	10.55 (268)	7.87 (200)	3.55 (90.1)	-----	13	4.92	7.87	2.76 (70)	M8	.47 (12)	4.02 (102)	M10	.59 (15)	.866 (22)	1.18 (30)	-----	-22°-149° F
MA13	1330	26 SEC					(330)	(125)	(200)										
MA26	2655	24 SEC					13.75 (349)	5.98 (152)	9.84 (250)										
MA35	3540	19 SEC	12.99 (330)	9.21 (234)	4.92 (125)	-----	14.96 (380)	7.68 (195)	11.81 (300)	4.02 (102)	M10	.59 (15)	4.92 (125)	M12	.59 (15)	1.417 (36)	1.57 (40)	-----	-22°-149° F
MA44	4430	26 SEC																	
MA57	5755	34 SEC																	
MA88	8855	50 SEC	16.54 (420)	9.21 (234)	7.09 (180)	-----	17.72 (450)	11.61 (295)	13.39 (340)	5.51 (140)	M16	1.14 (29)	-----	-----	-----	1.378 (35)	2.36 (60)	.394 (10)	-22°-149° F
MA132	13280	51 SEC																	
MA177	17710	62 SEC																	
MA221	22140	62 SEC	23.23 (590)	10.24 (260)	8.70 (221)	13.00 (330)	18.50 (470)	15.75 (400)	13.79 (350)	6.496 (166)	M20	1.14 (29)	-----	-----	-----	2.953 (75)	3.94 (100)	.472 (11.9)	-22°-149° F
MA265	26565	62 SEC																	
MA309	31000	62 SEC																	

SEE PAGE 2 FOR ADDITIONAL SPECIFICATIONS

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NO. MA SERIES

FILE NO. SUB116.1

TITLE

MA7 - MA309 SERIES
ELECTRIC ACTUATOR

DR MDC

DATE 03/14/23

CH'KD

DATE

ENGR

DATE

DynaQuip
Controls



G TAPPED HOLE X H DEEP (4 PL)

-F STAR PATTERN

—Ø L BOLT CIRCLE

Ø M BOLT CIRCLE:

—J TAPPED HOLE X K DEEP (4 PL)

MODEL	TORQUE	CYCLE	A	B	C	D	E	F	G	H	J	K	L	M	TEMP RANGE	HUMDITY
	IN-LB	TIME														
MA4	445	27 SEC	7.73 (196)	4.49 (114)	3.84 (98)	4.19 (106)	5.10 (130)	.664 (17)	M6	.59 (15)	M8	.75 (19)	2.75 (70)	1.97 (50)	22°-149° F	30-95 %

MODEL	AMP DRAW START / RUN					WEIGHT LBS
	115 VAC	220 VAC	24 VAC	12 VDC	24 VDC	
MA4	2.0 / 0.7	3.0 / 0.4	8.0 / 1.6	3.0 / 2.5	2.0 / 1.4	7
MA7	3.0 / 1.2	2.0 / 0.6	11.0 / 3.4	12.0 / 4.5	10.0 / 2.8	20
MA13	3.0 / 1.2	2.0 / 0.6	11.0 / 3.1	8.0 / 4.6	10.0 / 2.6	20
MA26	5.0 / 1.9	3.0 / 1.7	28.0 / 5.3	21.0 / 7.1	14.0 / 3.7	38
MA35	7.0 / 2.1	4.0 / 1.1	30.0 / 9.4	22.0 / 14.0	20.0 / 7.7	39
MA44	7.0 / 2.0	4.0 / 1.0	30.0 / 8.9	27.0 / 14.9	20.0 / 7.4	39
MA57	7.0 / 2.4	4.0 / 1.1	30.0 / 11.1	18.0 / 12.3	20.0 / 9.0	39
MA88	14.0 / 4.2	8.0 / 2.0	32.0 / 8.2	27.0 / 21.7	23.0 / 6.1	80
MA132	15.0 / 4.2	8.0 / 2.0	30.0 / 11.1	28.0 / 25.6	20.0 / 9.0	80
MA177	12.0 / 3.0	7.0 / 2.5	31.0 / 12.3	68.0 / 26.1	17.0 / 9.0	124
MA221	12.0 / 3.2	7.0 / 2.6	31.0 / 14.6	67.0 / 31.5	17.0 / 11.5	124
MA265	12.0 / 3.6	7.0 / 2.7	48.0 / 16.8	N/A	39.0 / 14.9	124
MA309	15.0 / 3.7	8.0 / 2.5	48.0 / 19.0	N/A	39.0 / 16.7	124

NEMA 4X WEATHERPROOF ENCLOSURE
ENCLOSURE - ALUMINUM DIE CASTING
POLYESTER POWDER COATING
STAINLESS STEEL FASTENERS
SELF-LOCKING HIGH ALLOY STEEL GEAR TRAIN
LUBRICATED FOR LIFE
PLATED STEEL OUTPUT SHAFT
30% DUTY RATED REVERSING MOTORS
THERMAL OVER LOAD PROTECTION
OPERATING TEMPERATURE RANGE: -22°F - 149°F
ADJUSTABLE MECHANICAL TRAVEL STOPS
MANUAL OVERRIDE: MA7-MA309

NON-CLUTCH SIDE MOUNTED
HANDWHEEL GEARED FOR
MECHANICAL ADVANTAGE
MA4
NON-CLUTCH SIDE MOUNTED
ALLEN KEY GEARED FOR
MECHANICAL ADVANTAGE

PAGE 2 OF 2

Data is for general information only, and is subject to change without notice.

FILE NO.	SUB116.1
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MA4 SERIES ELECTRIC ACTUATOR

DR	DATE	CH'KD	DATE	ENGR	DATE
MDC	03/14/23				

