

TOL. UNLESS OTHERWISE NOTED (IN.)
 VA. END-TO-END LENGTH: $\pm\frac{1}{16}$ " VA.-ACT. ASSY & PIPING DIM.: $\pm\frac{1}{2}$ "
 OTHER VA. DIM.: \leq NPS 2", $\pm\frac{3}{8}$ "; NPS 2 $\frac{1}{2}$ "~4", $\pm\frac{1}{4}$ "; >NPS 4", $\pm\frac{1}{2}$ "


SIZE	ACTUATOR	DIMENSIONS (INCHES)						WT.(LBS)
		A	B	C	D	E	F	
1/4"F-3/8"F	ER-1-2-4	2.95	8.0	5.8	4.1	1.00	2.5	12
1/2"F	ER-1-2-4	3.20	8.0	5.8	4.1	1.05	2.5	14
3/4"F	ER-2-5-4	3.90	9.0	6.9	4.2	1.30	3.0	17
1"F	ER-3-5-4	4.40	8.9	6.9	4.2	1.45	3.0	19
1 1/4"F	ER-3-5-4	4.70	9.1	6.9	4.2	1.68	3.0	21
1 1/2"F	ER-3-5-4	5.50	9.2	6.9	4.2	1.83	3.0	24
2"F	ER-6-15-4	5.60	10.7	7.0	7.0	2.62	4.0	40
2 1/2"F	ER-20-12-4	9.00	14.7	10.0	10.0	2.95	6.0	65
3"F	ER-38-14-4	8.80	15.4	10.0	10.0	3.69	6.0	74

ACTUATOR SIZE BASED ON PTFE SEAT, FULL DIFFERENTIAL PRESSURE (1000 PSI FOR 1/4"F-1 1/2"F, 700 PSI FOR 2"F-3"F), 1.2 SERVICE FACTOR. ACTUATOR SIZE VARIES WITH SEAT MATERIAL, DIFFERENTIAL PRESSURE, AND SERVICE FACTOR.

1 MANUAL OVERRIDE HANDWHEEL PROVIDED ONLY ON ACTUATORS ER-6-15-4, ER-20-12-4 AND ER-38-14-4 (ON TOP).

2. DIMENSIONS GIVEN FOR NEMA 4 ENCLOSURE

CUSTOMER ORDER # _____
 CUSTOMER _____
 TAG No. _____
 SIZE & MODEL # 1/4"-3" FULL PORT SER. 3000F
 ER ELECTRIC ACTUATOR
 CERTIFIED _____ DATE _____



MARWINVALVE

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 CINCINNATI, OHIO U.S.A
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DR. BY	DW	03/20/03	MD03033
CHK. BY			