


1 MANUAL OVER-RIDE HANDWHEEL PROVIDED ONLY ON ACTUATORS ER-6-15-4, ER-10-15-4, ER-20-12-4 AND ER-38-14-4 (ON TOP).

SIZE	ACTUATOR	DIMENSIONS (INCHES)						WT.(LBS)
		A	B	C	D	E	F	
1/2"	ER-3-5-4	4.35	9.08	6.68	4.25	1.58	3.0	19
3/4"	ER-6-15-4	4.75	10.31	7.00	7.00	1.92	4.0	29
1"	ER-10-15-4	5.50	10.51	7.00	7.00	2.16	4.0	32
1 1/4"	ER-20-12-4	6.70	12.81	10.00	10.00	2.65	6.0	65
1 1/2"	ER-38-14-4	6.70	12.81	10.00	10.00	2.65	6.0	65
2"	ER-38-14-4	7.87	15.39	10.00	10.00	2.95	6.0	76

DIFF. PRESSURE ACROSS VALVE=4000PSI
 SEAT MATERIAL-PEEK
 DIMENSIONS GIVEN FOR NEMA 4 ENCLOSURE

CUSTOMER ORDER # _____
 CUSTOMER _____
 TAG No. _____
 SIZE & MODEL # 1/2"-2" FULL PORT SER. 10000
 FNPT/FSW, W/ER ELECTRIC ACT _____
 CERTIFIED _____ DATE _____

 MARWIN Ball Valves			RICHARDS INDUSTRIES 3170 Wasson Rd. Cincinnati, Ohio 45209 Telephone (513) 533-5600 Fax (513) 533-7343	
			MD10012	
DR. BY	DW	03/27/03		
CHK.BY				