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THREADED & FSW ENDS						FLANGED END						
VALVE SIZE	MAT'L	DIMENSIONS, INCHES			Wt. lbs.	VALVE SIZE	ANSI FLANGE	DIMENSIONS, INCHES			Wt. lbs.	
		A	B	C				D	A1	B		C
1/2" & 3/4"	DI/BRZ CS/SS	3.62 3.65	12.95 12.95	2.18 2.18	7.50 7.50	17 17	150# 300#	7.25 7.50	12.95 12.95	2.18 2.18	7.50 7.50	19 21
1"	DI/BRZ CS/SS	4.25 4.25	13.20 13.20	2.62 2.62	7.50 7.50	20 20	150# 300#	7.25 7.62	12.95 12.95	2.18 2.18	7.50 7.50	21 23
1 1/4"	DI/BRZ	4.25	13.20	2.62	7.50	20	150#	7.25	13.20	2.62	7.50	24
1 1/2"	DI/BRZ CS/SS	4.50 4.65	13.45 13.70	2.62 2.75	7.50 7.50	21 21	300# 300#	7.75 8.37	13.20 13.20	2.62 2.62	7.50 7.50	26 28
2"	DI/BRZ CS/SS	4.50 5.50	13.45 13.61	2.62 3.00	7.50 7.50	22 22	150# 300#	10.00 10.50	13.45 13.61	3.00 3.00	7.50 7.50	32 36

  

① FOR SPRING RETURN ADD 0.34 INCHES TO 'B' DIMENSION.  
② FOR SPRING RETURN ADD 0.57 INCHES TO 'D' DIMENSION.

SPECIFICATION DATA	
CUSTOMER _____	ORDER No. _____ SERIAL No. _____
TAG No. _____	VALVE TYPE _____ QTY. _____
VALVE BODY _____	END CONN. _____
INLET PRESS. _____ MAX. ΔP _____	CONTROL RANGE _____
VALVE ACTION: RISE IN SIGNAL TO <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSE	VALVE SEAT _____ Cv _____
MISC. _____	CERTIFIED _____ DATE _____

RICHARDS INDUSTRIES  
CINCINNATI, OHIO  
U.S.A.

VALVE GROUP \_\_\_\_\_

FN: MK33

1/2-2" MARK 33 MOTOR OPERATED VALVE

DRAWN BY	DATE
JLA	12/4/97
CHECKED BY	DATE

MK33

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