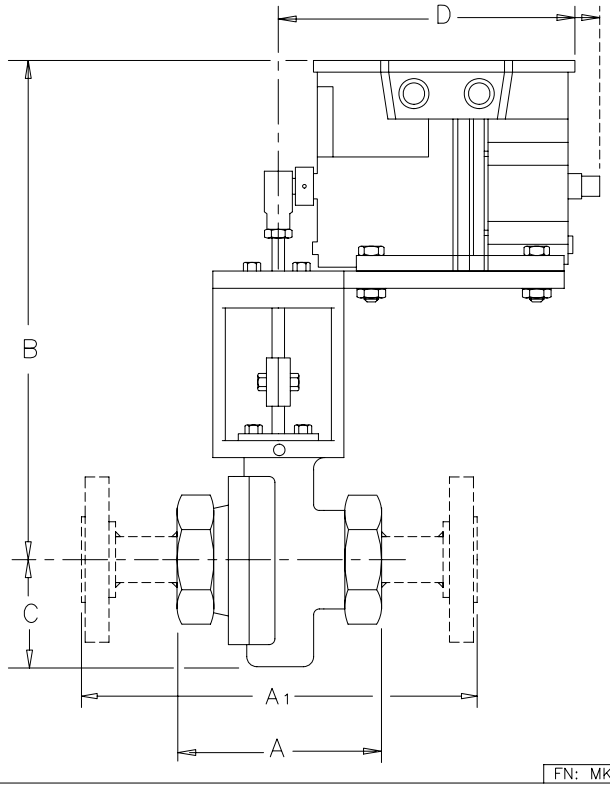
THREADED & FSW ENDS						
VALVE SIZE	MAT'L	DIMENSIONS, INCHES				Wt. lbs.
		A	B①	C	D②	
1/2" & 3/4"	DI/BRZ	3.62	12.95	2.18	7.50	17
	CS/SS	3.65	12.95	2.18	7.50	17
1"	DI/BRZ	4.25	13.20	2.62	7.50	20
	CS/SS	4.25	13.20	2.62	7.50	20
1 1/4"	DI/BRZ	4.25	13.20	2.62	7.50	20
1 1/2"	DI/BRZ	4.50	13.45	2.62	7.50	21
	CS/SS	4.65	13.70	2.75	7.50	21
2"	DI/BRZ	4.50	13.45	2.62	7.50	22
	CS/SS	5.50	13.61	3.00	7.50	22

FLANGED END						
VALVE SIZE	ANSI FLANGE	DIMENSIONS, INCHES				Wt. lbs.
		A_1	B①	C	D②	
1/2"	150#	7.25	12.95	2.18	7.50	19
	300#	7.50	12.95	2.18	7.50	21
3/4"	150#	7.25	12.95	2.18	7.50	21
	300#	7.62	12.95	2.18	7.50	23
1"	150#	7.25	13.20	2.62	7.50	24
	300#	7.75	13.20	2.62	7.50	26
1 1/4"	150#	7.87	13.20	2.62	7.50	24
	300#	8.37	13.20	2.62	7.50	28
1 1/2"	150#	8.75	13.45	2.75	7.50	27
	300#	9.25	13.70	2.75	7.50	33
2"	150#	10.00	13.45	3.00	7.50	32
	300#	10.50	13.61	3.00	7.50	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. _____

BODY _____

END CONN. _____

INLET PRESS. _____ MAX. △P _____

CONTROL RANGE _____

VALVE ACTION: RISE IN SIGNAL TO ☐ OPEN ☐ 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