		NO.	5							
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	ive property of such corporati		-	ABBD		SEA SEA SEA SEA SEA SEA SEA SEA SEA SEA		0	DWN BY	DATE
	WYER INSTRUMENTS, INC. and are not and must not be submitted to outside	ACAD2002			(FOX KEFEKENCE ONLY)	W / ACTUATORS	WE33 BALL VALVE			NAME
l	3)2002								
	$\frac{3}{3}$ FR. NO.		MICHIGAN CITY, INDIANA 46360 U.S.A.		DWYER NSTRUMENTS. NC.			FINISH		MATERIAL

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91.6mm	3-5/8"	68.3mm	2-3/4"	154mm	6,	118mm	4-5/8"	133.4mm	5-1/4"	170.2mm	6-3/4"
98.6mm	3-7/8"	68.3mm	2-3/4" $ 2-3/4$ " $ 5$ "	154mm	6 ,	127mm	5"	133.4mm	5-1/4"	173.7mm	6-7/8"
91.6mm 98.6mm 117.8mm 139.6mm 160.6mm	3-5/8" 3-7/8" 4-5/8" 5-1/2" 6-3/8"	68.3mm 68.3mm 125.8mm 125.8mm 125.8mm	ហ្វ	154mm 154mm 216.7mm 216.7mm 216.7mm	8-1/2" 8-1/2" 8-1/2"	118mm 127mm 152.4mm 175mm 190mm	6"	133.4mm 133.4mm 238.9mm 238.9mm 238.9mm	5-1/4" 5-1/4" 9-3/8" 9-3/8" 9-3/8"	170.2mm 173.7mm 221.3mm 234.3mm 244.3mm	6-3/4" 6-7/8" 8-3/4" 9-1/4" 9-5/8"
139.6mm	5-1/2"	125.8mm	ហ៊្	216.7mm	8-1/2"	175mm	6-7/8" 7-1/2"	238.9mm	9-3/8"	234.3mm	9-1/4"
160.6mm	6-3/8"	125.8mm	Οį	216.7mm	8-1/2"	190mm	7-1/2"	238.9mm	9-3/8"	244.3mm	9-5/8"

© = CRITICAL DIMENSION
STANDARD TOLERANCES UNLESS NOTED:
ALL DECIMAL DIMENSIONS ± .005
ALL ANGLES ± 1'

52mm 6-3/8" 160.6mm

190mm 7-7/8" 201mm 2"

208mm 3-3/4" 94mm 7-1/2"

NPT

1/2"

3/4"

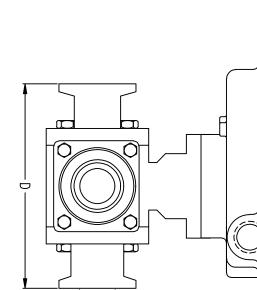
11/2"

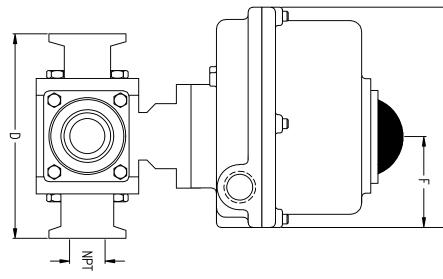
2,

8-1/8"

2,

EXPLOSION-PROOF
유
ELECTRIC
ACTUATOR





	_						_		_		
3-7/8" 98.6mm	36.5mm	1-3/8"	116mm	4-1/2"	127mm	5,"	60.5mm	2-3/8"	128mm	ڻ <u>.</u>	3/4"
4-5/8" 117.8mm	41mm	1-5/8"	145mm	5-3/4"	152.4mm	6"	71mm	2-3/4"	151mm	6,	<u>*</u>
3-7/8" 4-5/8" 5-1/2" 6-3/8" 98.6mm 117.8mm 139.6mm 160.6mm	36.5mm 41mm 46mm	1-3/8" 1-5/8" 1-5/8" 1-7/8"	116mm	4-1/2" 5-3/4" 5-3/4" 6-5/8"	127mm 152.4mm 175mm 190mm	6-7/8" 7-1/2"	60.5mm 71mm 71mm 82mm	2-3/8" 2-3/4" 2-3/4" 3-1/4"	n 128mm 151mm 164mm 190mm	6-1/2" 7-1/2"	11/2"
6-3/8" 160.6mm	46mm	1-7/8"	169mm	6-5/8"	190mm	7-1/2"	82mm	3-1/4"	190mm	7-1/2"	2"
G	T -	-		П		J	(ם	NPT
G 3-5/8" 91.6mm	1 41mm	F 1-5/8"	L 145mm	F 5-3/4"	118mm	1 h 4-5/8"	71mm		^L 136.5mm	_D 5-3/8"	NPT 1/2"
G 3-5/8" 3-7/8" 91.6mm 98.6mm	41mm 41mm	F 1-5/8" 1-5/8"	L 145mm 145mm	5-3/4" 5-3/4"	U 118mm 127mm	n 4-5/8" 5"		2-3/4" 2-3/4"	^U 136.5mm 140mm	B 5-3/8" 5-1/2"	NPT 1/2" 3/4"
G 3-5/8" 3-7/8" 4-5/8" 5-1/2" 91.6mm 98.6mm 117.8mm 139.6mm	41mm 41mm 46mm 46mm	F 1-5/8" 1-5/8" 1-7/8" 1-7/8"	L 145mm 145mm 169mm 169mm	E 5-3/4" 5-3/4" 6-5/8" 6-5/8"	^U 118mm 127mm 152.4mm 175mm			2-3/4" 2-3/4" 3-1/4" 3-1/4"	D 136.5mm 140mm 167mm 180mm	$\begin{bmatrix} b & 5-3/8" & 5-1/2" & 6-5/8" & 7-1/8" \end{bmatrix}$	NPT 1/2" 3/4" 1"

 \bigcup

4-5/8"

118mm

116mm 116mm 1-3/8" 1-3/8" 36.5mm 36.5mm 3-5/8" 3-7/8"

4-1/2" 1:16mm 1-3/8"

 \circ

2-3/8"

60.5mm

 \Box

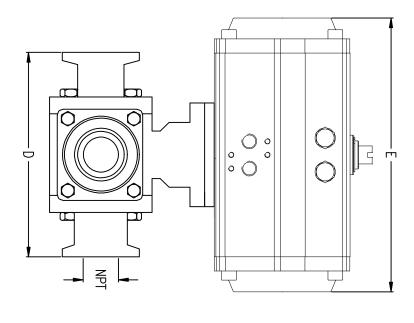
4-7/8"

24.5mm

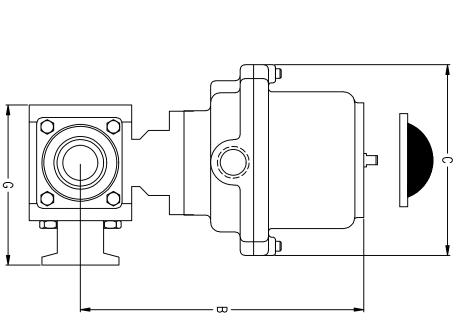
DOUBLE ACTING PNEUMATIC ACTUATOR
SPRING
RETURN
SPRING RETURN PNEUMATIC ACTUATOR
ACTUATOR

NPT

1/2"



W/ PNEUMATIC ACTUATOR



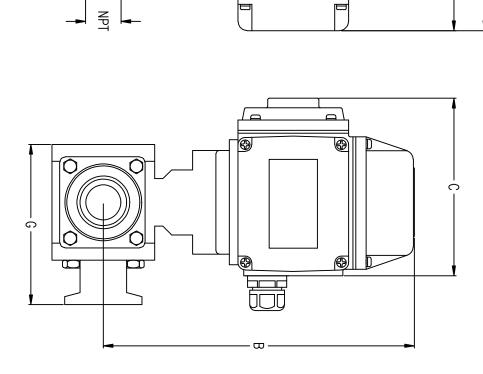
W/ EXPLOSION-PROOF ELECTRIC ACTUATOR

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ve property of such corpora		APPD		CHKD		DWN BY	DATE
	ACAD2002	,	(FOR REFERENCE ONLY)	W / ACTUATORS	WE33 BALL VALVE		NAME
3 FR. NO.		MICHIGAN CITY, INDIANA 46360 U.S.A.	DWYER INSTRUMENTS, INC.			FINISH	MATERIAL

STANDARD TOLE ALL DECIMAL D ALL ANGLES ±	© = CRI
TOLERANCES UNLESS NOTED: MAL DIMENSIONS ± .005 ES ± 1.	CRITICAL DIMENSION

G	7	_	П	 -	П	_	J	(7	_	ס	NPT
91.6mm	3-5/8"	77mm	3"	160mm	6-1/4"	118mm	4-5/8"	113mm	4-1/2"	147mm	5-3/4"	1/2"
98.6mm	3-7/8"	77mm	3"	160mm 160mm	6-1/4" 6-1/4"	127mm	ڻ <u>.</u>	113mm 113mm	4-1/2"	150.5mm	5-7/8"	3/4"
91.6mm 98.6mm 117.8mm 139.6mm 160.6mm	3-5/8" 3-7/8" 4-5/8" 5-1/2" 6-3/8"	77mm	3"	160mm		118mm 127mm 152.4mm 175mm 190mm	6"	–	4-1/2" 4-1/2" 4-1/2" 4-1/2" 4-1/2"	147mm 150.5mm 161.5mm 174.5mm 184.5mm	5-3/4" 5-7/8" 6-3/8" 6-7/8" 7-1/4"	1"
139.6mm	5-1/2"	77mm	3"	160mm	6-1/4"	175mm	6-7/8" 7-1/2"	113mm 113mm	4-1/2"	174.5mm	6-7/8"	1½"
160.6mm	6-3/8"	77mm	3"	160mm	6-1/4"	190mm	7-1/2"	113mm	4-1/2"	184.5mm	7-1/4"	2"

ELECTRIC ACTUATOR



W/ ELECTRIC ACTUATOR