

## SLIDE VALVES

### PNEUMATIC/SCREW/MANUAL TYPE A

- SIZES 4"-12" ROUND APERTURE
- MACHINED CAST ALUMINUM BODY
- STAINLESS STEEL SLIDE PLATE & INLET BORE
- 'CLEAN' INTERNALS
- OPTION TO CUT THROUGH STATIC COLUMN
- MANUAL VERSION IDEAL AS 'EMERGENCY VALVE'

This range of slide valves for powders and granules has corrosion-resistant cast aluminum bodies and 304 stainless steel slide plates. The slide plate runs on nylon 66 supports mounted on eccentric stainless steel pins for adjustment. The pneumatic and screw valves use the same body and can readily be interchanged. The valve has lodgement free internals with a nylon scraper and seal arrangement ensuring virtually leak free operation. Inlet and outlet flanges are drilled and tapped as per ANSI 150lbs. Maximum standard operating temperature 175°F (300°F to special order). Also available in all stainless steel for applications where aluminum is unacceptable.

A modified version of the three types enables the valve to cut through a static column of all but the most 'difficult' materials.

#### PNEUMATIC VALVE TYPE AP

Operation is by means of a double acting cylinder with stainless steel piston rod, controlled by a single solenoid valve, pipe connections being made to the cylinder. The solenoid valve is fitted with manual override for local manual control. Switches for electrical indication of fully open and closed positions are fitted as an optional extra. Switches and solenoid valves to customers' requirements, or for use in hazardous areas, can also be fitted.

#### MANUAL VALVE TYPE AM

A push/pull valve for use 'in-line' with a specially designed slide plate for use as an emergency valve for isolation of downstream equipment.

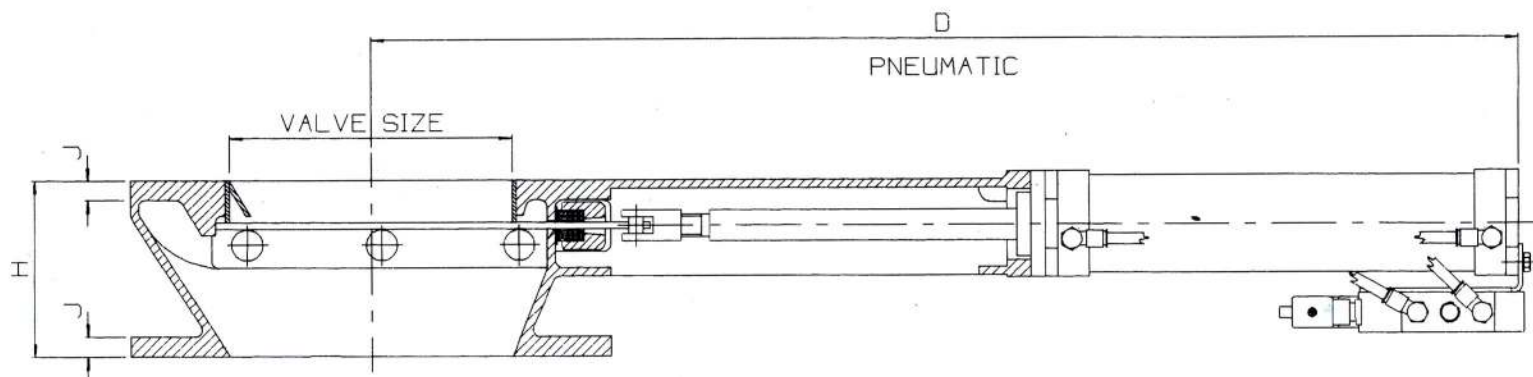
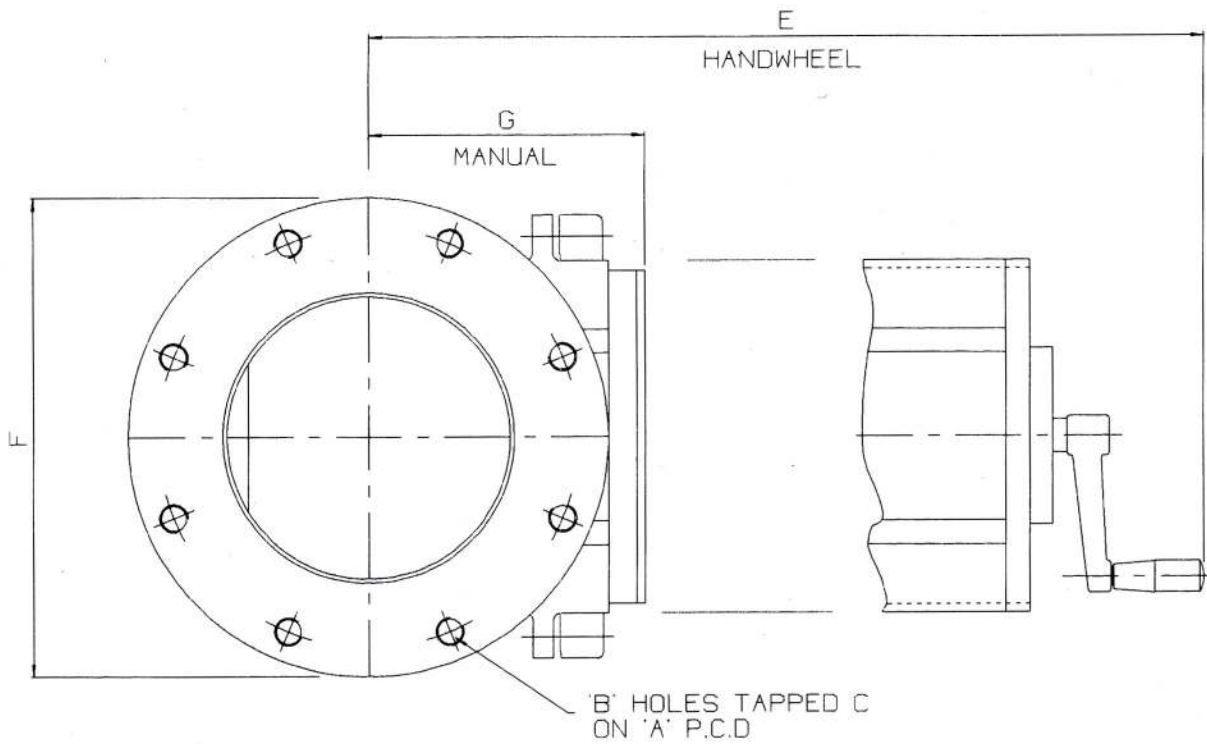
#### SCREW VALVE TYPE AS

Movement of the slide plate is by a double start stainless steel acme screw and nylon 66 nut and can be fitted with either handcrank or chainwheel operation.

This valve, as well as for use as a shut off valve, is ideal for metering the flow with the plate in the part open/closed position.



**Britton**  
POWDER CONTROL



MODEL AP/AS/AM	NOMINAL OPENING	A	B	C	D	E	F	G	H	I
100	4"	7.50	8	5/8 UNC	22.25	17.38	9.06	5.55	4.75	.75
150	6"	9.50	8	3/4 UNC	27.12	20.25	11.00	6.55	5.50	.90
200	8"	11.75	8	3/4 UNC	32.00	23.25	13.39	7.75	5.50	.90
250	10"	14.25	12	7/8 UNC	37.87	26.75	15.94	9.00	6.30	1.00
300	12"	17.00	12	7/8 UNC	42.75	29.75	18.90	10.50	6.30	1.00

NOTE: All dimensions shown above are in inches.

We are continually developing our products and accordingly we reserve the right to change specifications and dimensions without prior notice.



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