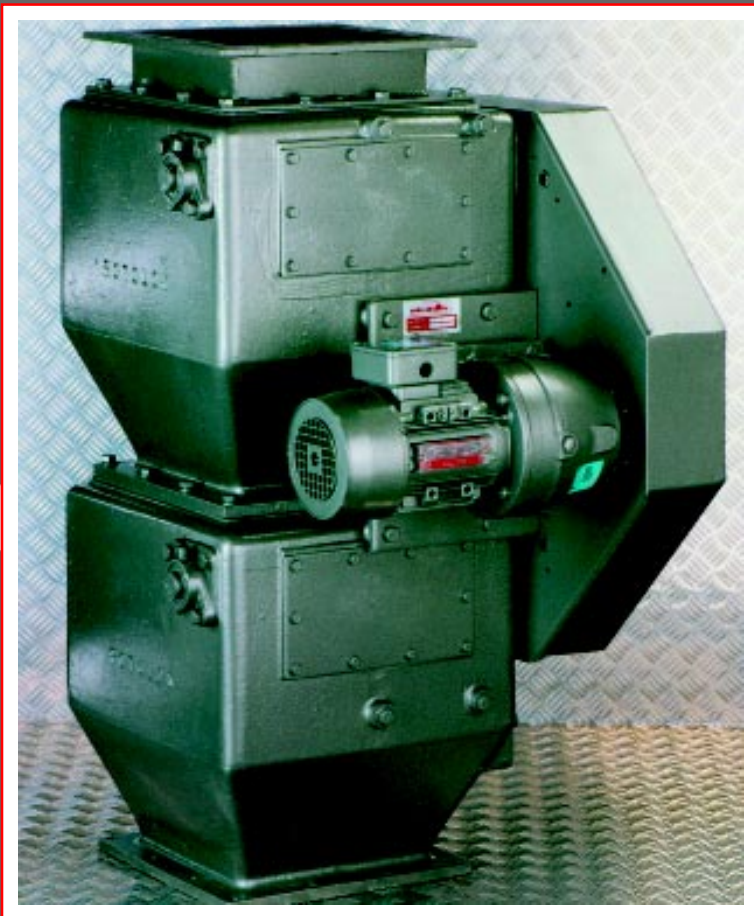


# DOUBLE DUMPS



**ROTOLIN**  
*everything under control...*

# • DOUBLE DUMPS •

## INTRODUCTION

Suitable for discharging dry dust, powder, granules and fibrous materials from cyclones, filters, hoppers etc., whilst maintaining an effective gas seal.

The valve consists of two flaps connected by counterweights or spring loaded spindles, which are operated by means of a motor driven cam. The cam alternately opens each flap allowing material to pass through the separate chambers in batch form and thereby ensuring a gas seal.

After cam release, the counterweights (or springs), return each flap to the horizontal (sealed) position and are designed and sized so that a clapping action at the flaps is obtained, aiding material flow and preventing build up at the seal plate.

The unit is suitable for pressure differentials of up to 20" W.G. This can be increased with special features.

## OPERATION

Units can be adapted for use on simple cyclone discharge systems. These are single flap counterweighted but non-motorized types. Product builds up on the flap until a sufficient head overcomes the counterweight. Discharge then commences and continues whilst material head exceeds counterweight and vacuum effects. Seal is partially maintained by product during discharge.



CAST DOUBLE DUMP

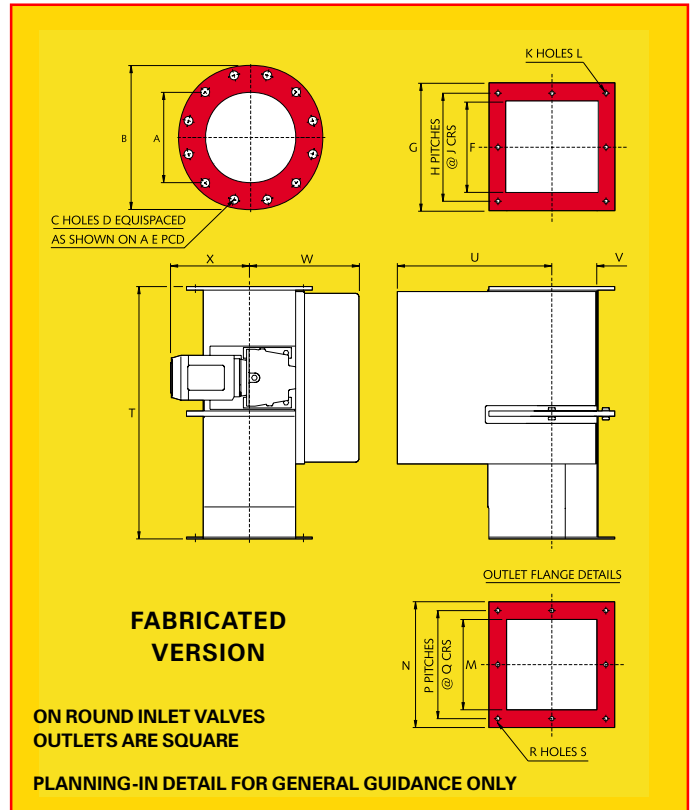
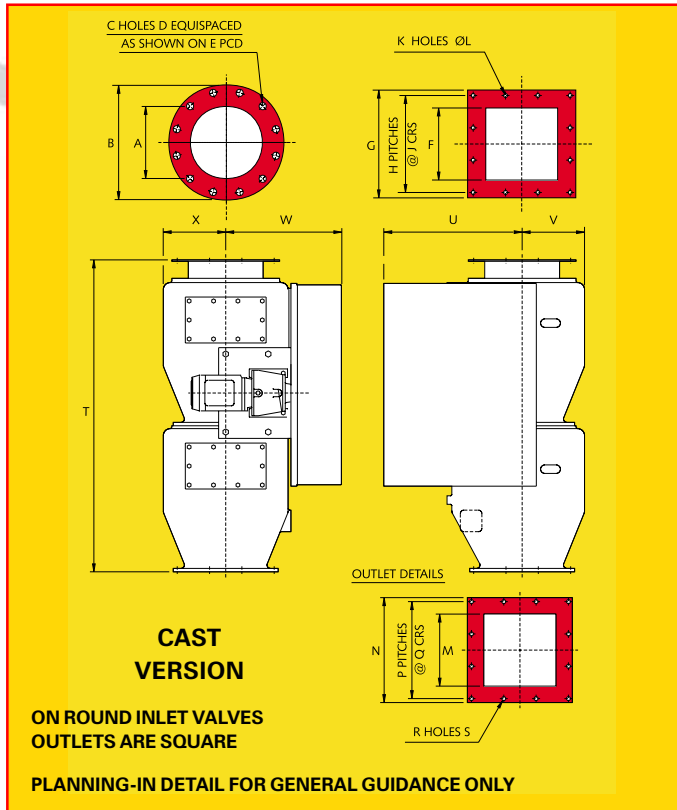


FABRICATED DOUBLE DUMP

## RANGE

Sizes available: 6, 8, 10, 12 inch as standard with square or round inlets. Larger sizes can be accommodated. Rotolok makes a full range of fabricated types in carbon steel and stainless steel, with specials up to a maximum of 30".

# • DOUBLE DUMPS •



## CAST ROUND VERSION

	SIZE	A	B	C	D	E	M	N	P	Q	R	S	T	U	V	W	X
VALVE SIZE	6	6	11 1/16	8	7/8	9 1/2	7 7/8	12 5/8	3	3 13/16	12	5/8	29 3/4	16	6 3/4	14 7/8	8 3/4
	8	8	13 1/2	12	7/8	11 3/4	7 7/8	12 5/8	3	3 13/16	12	5/8	29 3/4	16	6 3/4	14 7/8	8 3/4
	10	10	15	12	7/8	14 1/4	10	14 9/16	3	4 1/2	12	9/16	43 5/16	19 1/4	8 11/16	16 3/4	10 5/8
	12	12	15	12	1	17	10	14 9/16	3	4 1/2	12	9/16	43 5/16	19 1/4	8 11/16	16 3/4	10 5/8

All dimensions in inches.

Dimensions subject to change without notice

## CAST SQUARE VERSION

	SIZE	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
VALVE SIZE	6	6	10	2	4 1/4	8	9 1/6	7 7/8	12 5/8	3	3 13/16	12	5/8	29 3/4	16	6 3/4	14 7/8	8 3/4
	8	8	12 5/8	3	3 13/16	12	9 1/6	7 7/8	12 5/8	3	3 13/16	12	5/8	29 3/4	16	6 3/4	14 7/8	8 3/4
	10	10	15	3	4 1/2	12	9 1/6	10	14 9/16	3	4 1/2	12	9/16	43 3/8	19 1/4	8 5/8	16 3/4	10 5/8
	12	12	17 3/8	3	5 1/16	12	9 1/6	10	14 9/16	3	4 1/2	12	9/16	43 3/8	19 1/4	8 5/8	16 3/4	10 5/8

All dimensions in inches.

Dimensions subject to change without notice

## FABRICATED ROUND VERSION

	SIZE	A	B	C	D	E	M	N	P	Q	R	S	T	U	V	W	X
VALVE SIZE	6	6	11	8	7/8	9 1/2	6	9 7/8	2	4 1/4	8	1/2	29 3/4	17 1/4	6 1/4	10 7/8	10 7/8
	8	8	13 1/2	8	7/8	11 3/4	8	12	2	5	8	1/2	29 3/4	16 1/8	6 3/4	11 13/16	9 3/4
	10	10	16	12	1	14 1/4	10	14	2	6	8	1/2	30 11/16	17 5/8	8	12 3/4	9 7/8
	12	12	19	12	1	17	12	16	3	4 11/16	12	9/16	30 3/4	18 1/8	9 1/2	13 3/4	8
	14	14	21	12	1 1/8	18 3/4	14	18	4	4	16	9/16	43 5/16	22	10 1/2	14 7/8	10 1/2

All dimensions in inches.

Dimensions subject to change without notice

## FABRICATED SQUARE VERSION

	SIZE	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
VALVE SIZE	6	6	9 7/8	2	4 1/4	7	1/2	6	9 7/8	2	4 1/4	8	1/2	28	17 1/4	6 1/4	10 7/8	11 3/4
	8	8	12	2	5	7	1/2	8	12	2	5	8	1/2	28	16 1/8	6	11 3/4	10 1/4
	10	10	14	2	6	7	1/2	10	14	2	6	8	1/2	28	17 1/8	5	9 1/2	12 3/4
	12	12	16	3	4 11/16	10	9/16	12	16	3	4 11/16	12	9/16	28	18 1/8	4	13 3/4	8
	14	14	18	4	4	13	9/16	14	18	4	4	16	9/16	40 1/2	22	9	14 7/8	9

All dimensions in inches.

Drillings are Rotolok standards. Variations can be made.

Dimensions subject to change without notice

# • OTHER PRODUCTS •

- Rotary Airlocks
- Conveying Diverters
- Double Dumps
- Blowing Seals
- Fabricated Slides
- Slim Slides
- Rotoslides
- Rotoflex Valves
- Slimflex Valves
- Butterfly Dampers
- Weigh Valves
- Plug Diverters
- Screw Conveyors
- Gravity Diverters
- Rotospeed Switch
- Level Lok
- Pipe Couplings
- Ni Hard Bends
- Special Designs



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