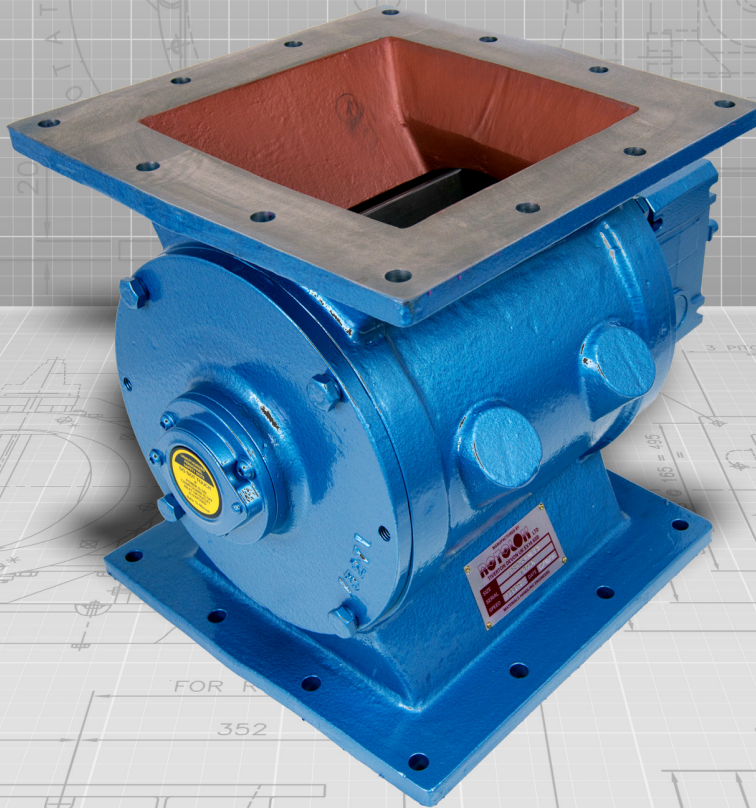


ROTOLOK

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DUST COLLECTOR VALVE



INTRODUCTION

The Dust Collector Valve is designed specifically for lighter duty applications, such as gravity flow or bottom of dust collectors handling light loads and non-abrasive products. These units have direct drive right angle gearboxes, inboard bearings and lip seals; making them very cost competitive.

These dust collector valves have been engineered and designed solely as a low cost solution for applications with pressure differentials of 3 psi or less.

SPECIFICATION

The general market place covers Cyclones, Bag Houses and Gravity Feed applications with pressures around +/- 3 psi

Body
Cast Iron Precision Bored

End Covers
Cast Iron Precision Machined and Spigot Located into Valve Body

Rotor
Fabricated Mild Steel Closed (Shrouded) Type Fully Machined

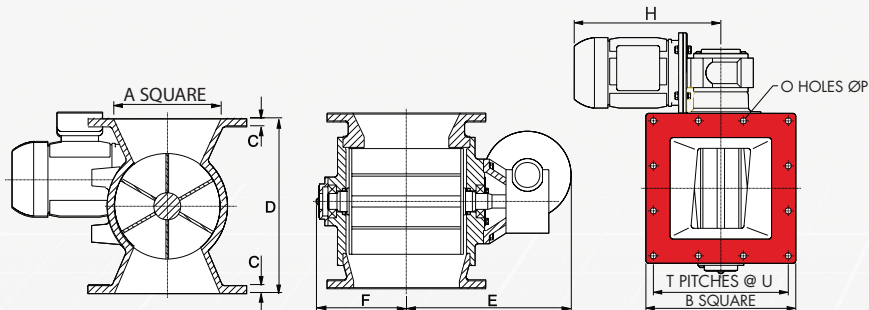
Bearings
Ball Type Rugged Inboard Sealed for Life

Seal
Shaft Seals Rubber Lip Type

Drive
Motorised Worm Box Shaft Mounted on Rotor and Fitted with Standard I.E.C. Motor TEFC 3PH/50Hz Flange Mounted to Worm Box

Valve Speed
Sizes 150 & 200 - 23 RPM
Sizes 250 & 300 - 23 RPM

SQUARE INLET

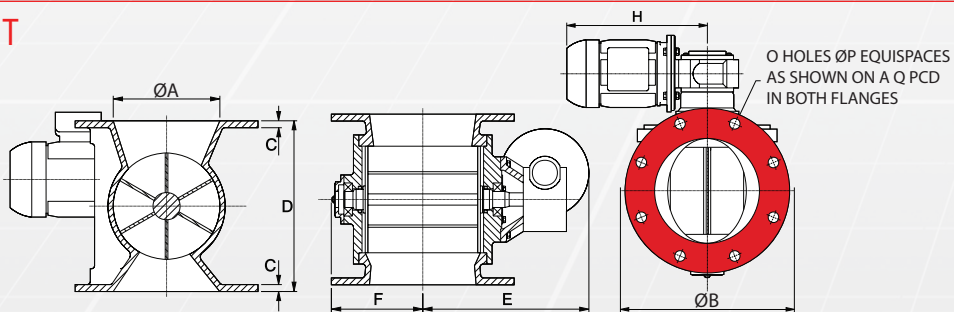


All dimensions are in mm

SIZE	m ³ /hr @ 1 rpm	A	B	C	D	E	F	H	O	P	T	U	kW	WEIGHT (KG)
150	0.1415	152	250	12	280	296	146	356	12	12	3	70	0.31	69
200	0.35941	203	300	12	330	320	172	356	12	12	3	90	0.31	83
250	0.72448	254	370	18	390	350	204	382	12	18	3	108	0.55	116
300	1.28482	305	440	18	465	388	235	382	12	18	2	128	0.55	175

*Conversion: Multiply cubic metres/hr by 35.31 to obtain cubic feet/hr.

CIRCULAR INLET



All dimensions are in mm

SIZE	m ³ /hr @ 1 rpm	A	B	C	D	E	F	H	O	P	Q	kW	WEIGHT (KG)
150	0.1415	154	285	12	270	296	146	356	8	22	241	0.31	69
200	0.35941	203	320	12	310	320	172	356	8	18	280	0.31	83
250	0.72448	254	368	15	380	350	204	382	8	18	320	0.55	116
300	1.28482	305	440	19	465	388	235	382	12	22	395	0.55	175

Dimensions are approximate and subject to change without notice
Planning-in detail for general guidance only
(To cover safety aspects ask for our safety leaflets)
Drillings are Rotolok standards. Variations can be made.

