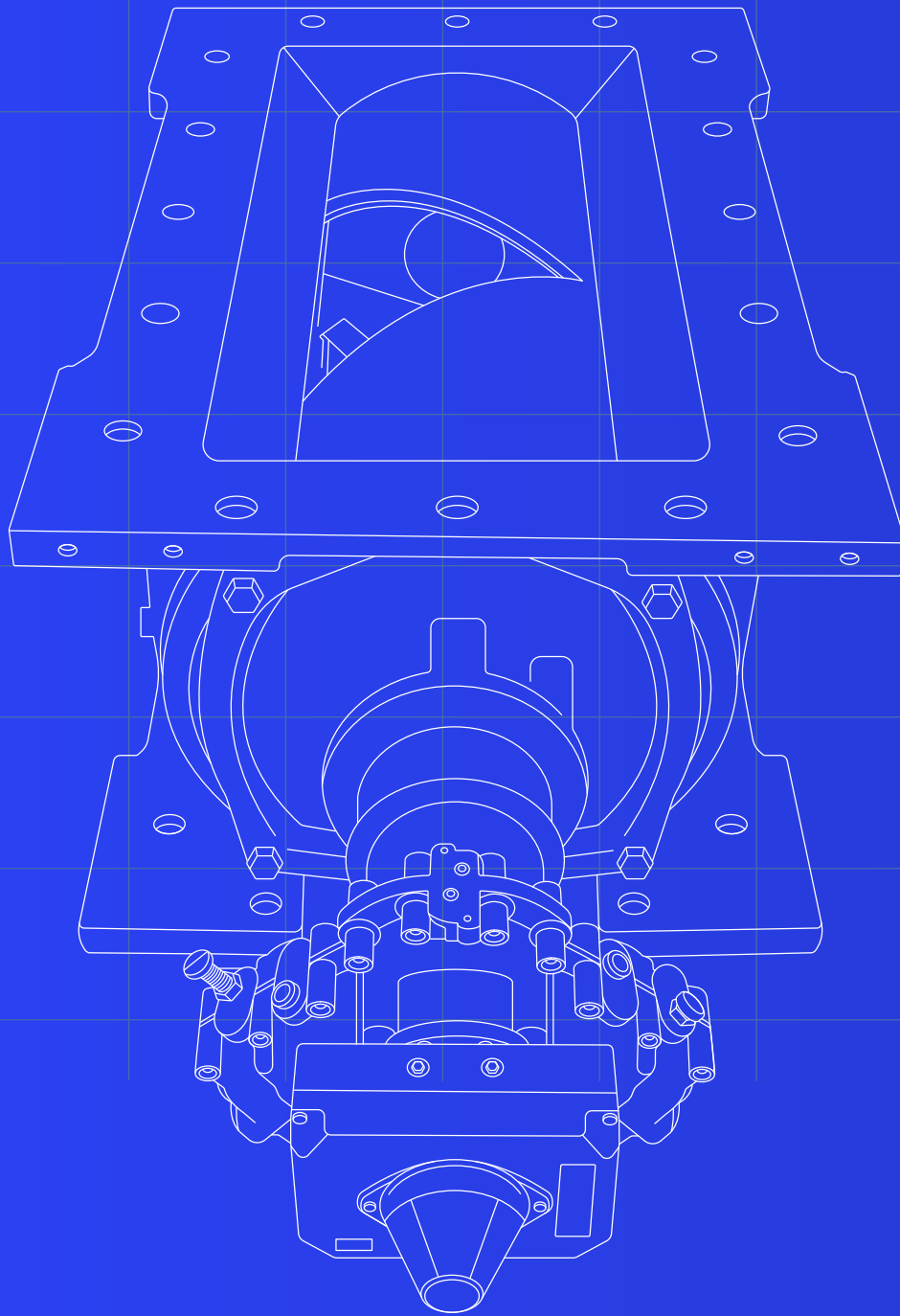


FULLER[®]



ROTARY CUTOFF METERING VALVE

ROTARY CUTOFF METERING VALVE

Our rotary cutoff metering valve replaces simple open-or-shut control with smooth, accurate flow of pulverized material.

Application:

Fuller's rotary cutoff metering valve provides precise flow control of pulverized material when discharging from storage silos. This valve is a modification of the traditional rotary cutoff valve used for on/off operation.

Specification:

Fuller's rotary cutoff metering valve is designed for accurate flow control of pulverized material with a special V-notch rotor opening and a continuously modulating actuator for reliable and accurate flow control. Standard design to operate with material temperatures to 93° C (200° F).

Body

Rugged cast iron construction machined for close tolerances. Heavy duty cast integral flanges.

End plates

Rugged cast iron construction with lubrication fittings, integral machined hub for direct actuator mounting.

Rotor

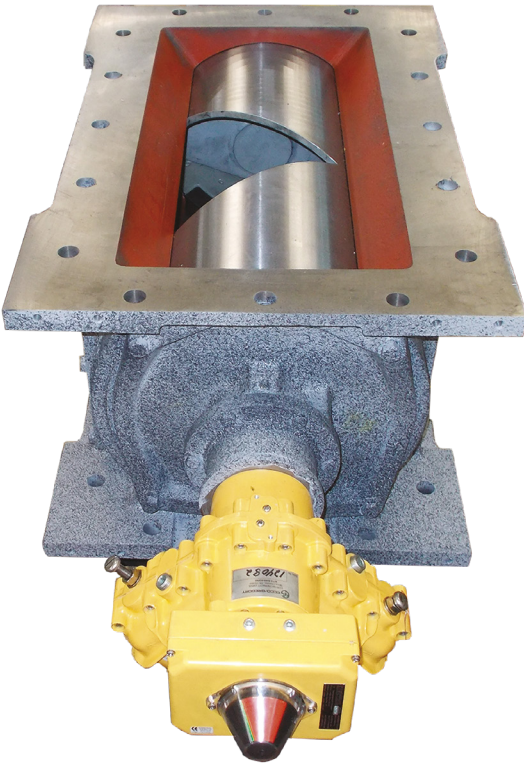
Fabricated steel construction with generous V-opening to allow a wide range of material flow. The fully-closed position provides a reliable material seal. O-ring shaft seals are standard.

Operation

This valve is designed for air cylinder operation with a unique ¼ turn vane modulating positioner/actuator directly mounted to the rotor shaft with a flanged, spool-type bracket and coupling. Package is complete with a 5 micron filter/regulator and 2 spdt limit switches in a NEMA-4 switch box. This unit has a 4-20ma input signal and 4-20ma feedback signal available. Air supply of 80 to 90 psig required for the actuator.

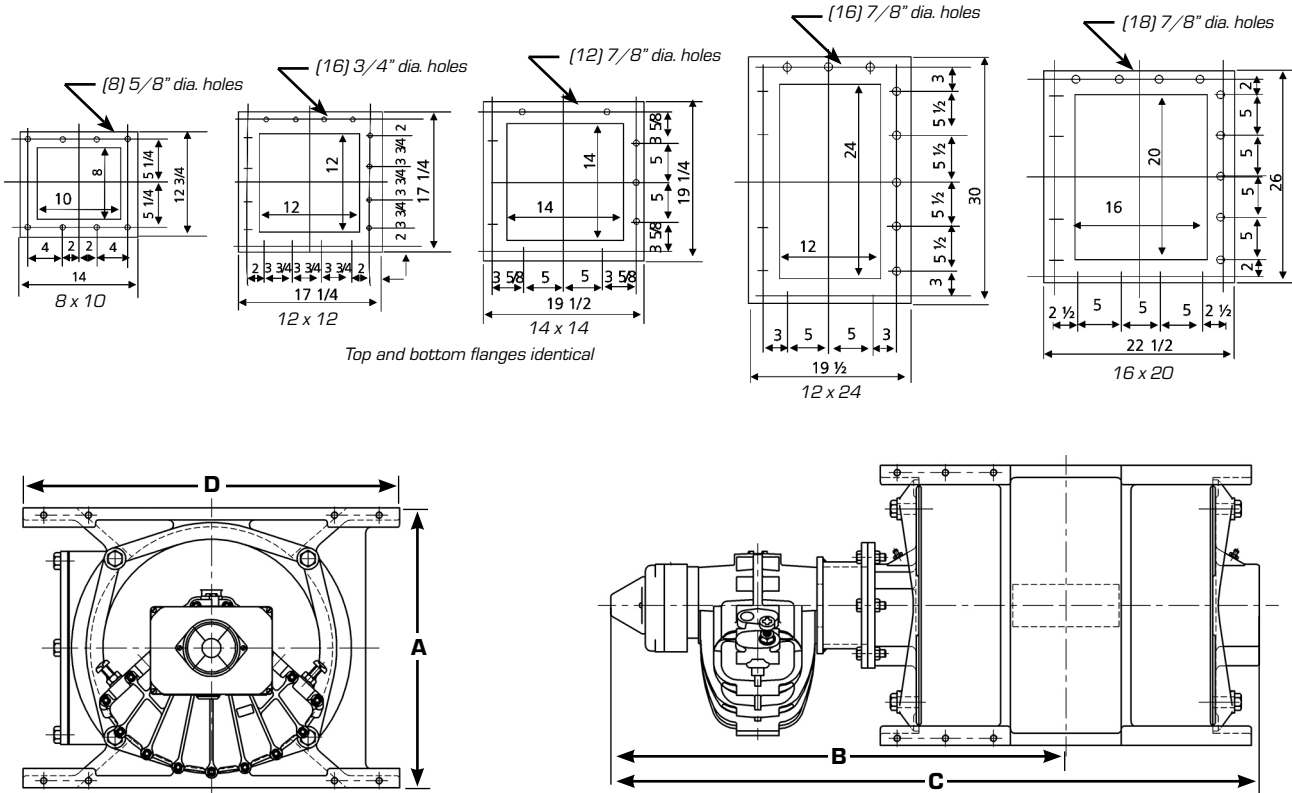
Options

Existing rotary cutoff valves can be converted in the field to modulating valves by using the existing body only. Rotor, end plates and actuator with mounting bracket need to be replaced.



Size			Weight	
mm	in	PDB #	kg	lbs
203 x 254	8 x 10	6237063	134	295
305 x 305	12 x 12	6232690	177	390
356 x 356	14 x 14	5943675	238	525
305 x 610	12 x 24	5602451	340	750
406 x 508	16 x 20	6237066	476	1050

Dimensions



Size		A		B		C		D		Capacity	
mm	in	mm	in	mm	in	mm	in	mm	in	m3/hour	f3/hour
203 x 254	8 x 10	305	12	457	18	635	25	324	12 3/4	99	3500
305 x 305	12 x 12	305	12	499	19 5/8	718	28 1/4	438	17 1/4	127	4500
356 x 356	14 x 14	368	14 1/2	598	23 5/16	854	33 3/8	495	19 1/2	198	7000
305 x 610	12 x 24	368	14 1/2	751	29 5/16	1135	44 11/16	495	19 1/2	340	12000
406 x 508	16 x 20	584	23	686	27	1016	40	572	22 1/2	467	16500