

INNOVATION IN AUTOMATION

Gravity Diverter Valves

CUT SHEET

COMPONENTS



BULK



MINORS



LIQUIDS



CONTROLS

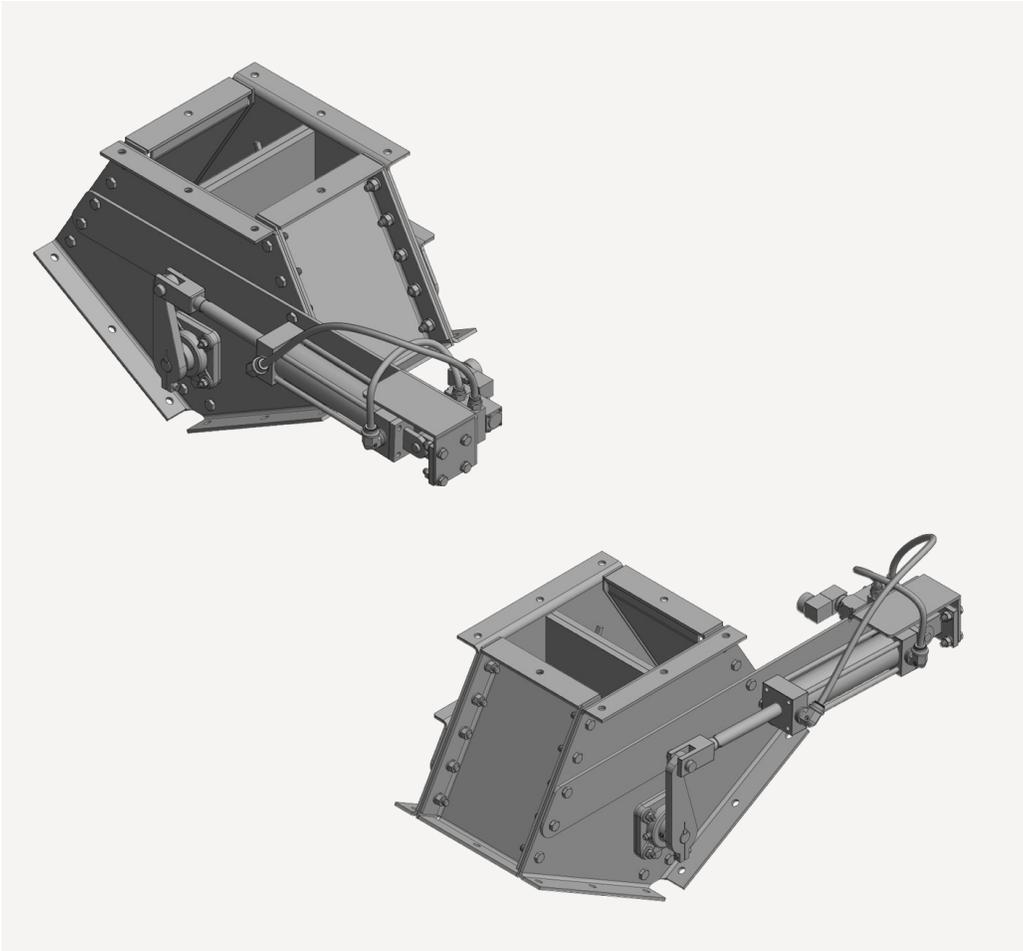


SITE SERVICES



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Gravity Diverter Valves



INFORMATION

Shick's two-way gravity diverter valve is designed to direct a material stream in a gravity flow application. These fabricated units are available in 8" and 12" square inlets and outlets and based on 30° diverter angle. A gravity divert valve is a bolted assembly with a neoprene-coated divert gate to ensure a tight seal.

STANDARD FEATURES

30° DESIGN: Ensures smooth and consistent flow of material

RUGGED CONSTRUCTION: Fabricated carbon steel or stainless steel housing

MACHINED SHAFT BALL BEARINGS: For long-lasting actuation of the valve

NEOPRENE-COATED GATE: Provides a reliable product seal

AIR OPERATED: With NEMA 4, 110 VAC or 24 VDC single solenoid position switches

OPTIONS

MANUAL OPERATOR UNITS: Provided with handle for manual operation

NEMA 4x, 9 AND 7

NOTES

Compressed, clean dry air requirement is 80 to 125 psig

The diverter gate cannot be actuated against a head of material.

All weights include air cylinder, solenoids and limit switches and are nominal.

DIMENSIONS

GDV	KG/LBS.	A (INCH/MM)	B (INCH/MM)	C (INCH/MM)	D (QTY)	E (INCH/MM)	F (INCH/MM)
8"	39/86	8/203.2	11.375/288.925	4.875/123.825	8	.4375/11.1125	21.25/539.75
12"	67.6/149	12/304.8	16/406.4	4.75/120.65	12	.5625/14.2875	30.5625/776.2875

DIMENSIONS

GDV	G (INCH/MM)	H (INCH/MM)	J (INCH/MM)	K (INCH/MM)
8"	14.625/371.475	11.75/298.45	15.8125/401.6375	31.625/803.275
12"	21/533.4	17/431.8	18.5625/471.4875	35.1875/893.7625

SCHEMATICS:

