



DVR

ROTARY DIVERTER VALVE

For use in the positive pressure pneumatic conveying systems to change the direction of flow into another spout.

The rotary diverter valve is largely employed in the chemical, pharmaceutical and food industry. Designed for use in pneumatic conveying systems with a pressure of about 3 bar.

The new design and the quality workmanship provide a perfect seal eliminating the possibility of the product contamination.

The operation principle is very simple: by rotating the conical drum by 150 degrees, the direction of the material passing through the valve changes. Before the drum rotates, it moves axially away to avoid friction against the gaskets. When the drum reaches its final position, it moves axially again forming a tight seal.

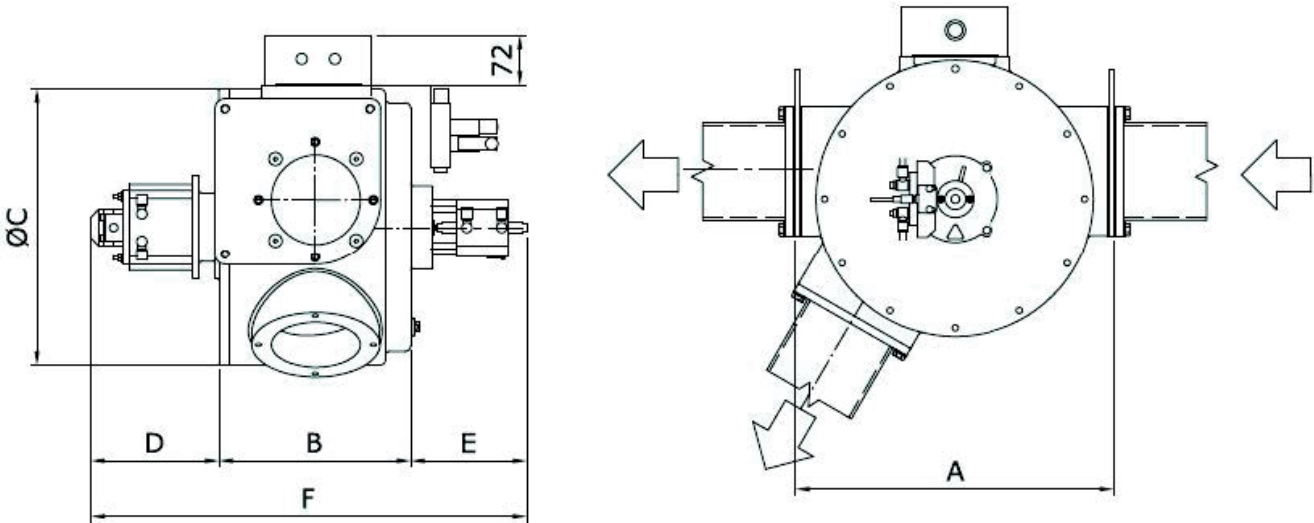
- Energy saving due to the low force required to change the direction of the material flow. The conical shape of the drum protects the gaskets from being damaged during spouting changes. The absence of moving parts on the outside of the valve ensures safety operation.
- Aluminium one-piece construction provides the valve body the strength to support heavy loads.



Technical Information

Model	Pipe	Dimensions (mm)						Maximum capacity (\varnothing = gravity weight) (T/h max)			Compressed air consumption (5÷6 bar)	Net weight (kg)	Shipping volume (m³)
	\varnothing DN	A	B	\varnothing C	D	E	F	Cereals \varnothing 750 Kg/m³	Flours \varnothing 500 Kg/m³	Offals \varnothing 350 Kg/m³			
DVR 060	60	318	217	260	163	167	547	4	4	2,5	1,4	40	0,10
DVR 090	90	358	247	305	163	167	577	10	9	6	1,4	52	0,10
DVR 130	130	458	277	400	183	167	627	15	15	9	2,0	78	0,15
DVR 160	160	518	307	450	201	167	675	30	28	15	4,2	98	0,20
DVR 230	230	658	377	595	259	198	834	39	39	20	7,2	160	0,35
DVR 260	265	802	409	690	259	198	866	45	45	30	7,2	250	0,50

Technical features of the equipment can be modified without any obligation of notice. Data may be not fully in accordance with the market versions.





OCRIM S.p.A. - Via Massarotti, 76 - 26100 Cremona (Italy)



www.ocrim.com