

FEATURES

- Used for diverting and converging material flow in pneumatic conveying lines.
- Rotary diverters can take material from a single feeding point (inlet) and divert it to desired one of the multiple (outlet) ports and vice versa.
- Frequency-controlled motor-gearbox unit, pneumatic actuator or servo motor options are available for drive types.
- Inflatable seals to ensure no material leakage on both ends of the valve.



- Both vertical and horizontal installment configurations available.
- Very minimal to no product degradation.
- No material contact with the valve body (reduced wear).
- Fully automated, PLC integrated operation resulting in reduced process errors.
- Reliable.
- Heavy duty.
- Easy to dismantle.
- Low maintenance.
- Provides better use of space in pneumatic conveying lines.
- No dead areas, no joints therefore no material build-up or lodging.
- Wear parts and seals are replaceable.



- Pipe bore is even throughout the flow therefore conveying pressure is mostly maintained
- Operating pressure up to 6 barg.
- Operating temperature up to 180°C.
- Equipped with PN16 flange.

Compliance	
CE*	Compatible with CE (2006/42/EC) and (2014/35/EU)*

Technical Properties	
Size	2" - 6"
Ports	Up to 10 Ports
Flange	PN16

Materials		
Body	Standard	Carbon Steel
	Optional	Stainless Steel

Models				
RD50	RD80	RD100	RD125	RD150

- Equipped with position switches.
- Optional inspection and/or maintenance covers.
- Pneumatic panel attached to the valve body.
- Construction and lining material options available for abrasive materials etc.
- Variety of sizes available.



WORKING PRINCIPLE

Rotary diverter has multiple/outlets/inlets and single inlet/outlet. Inside the body it has a rotating tube, with the motor-gearbox unit it is made sure that the rotating tube is centered accurately to the desired port. After it is centered the seals at all ports (inlet and outlet) inflate ensuring no leakage of material and flow begins.