



SCALE VALVE

PRINCIPLE OF OPERATION:

Scale Valve is functionally used to Divert Bulk Solids in Pneumatic Transfer to such as Bulk Storage Bins, Scale Hoppers, Weigh Hoppers and Process Hoppers.

In the Straight Through Position, the Inlet and Exit Points are aligned through the Machined Bore of a Rotating Paddle so that the Material passes Straight Through. Being set in the Diverting Position, the Air and the Material enter the Inlet Port to be directed downwards by the Diversion Paddle, into the Receiving Vessel. Air alone gets Vented through Outlet.

Complete Air Controls are provided as Standard, including the Pneumatic Actuator and Solenoid Valve with Control Unit.

Final Filtration of Residual Conveying Air can be carried out at a location remote from the Receiving Vessel.

FEATURES :

- Compact Design
- Optimal Sealing
- Minimal Process Loss
- Simple Construction with Minimal Contact Area
- Available in Cast Iron, Stainless Steel and Aluminium
- Available with Flange or Pipe Connections
- Available in Sizes 50mm to 150mm

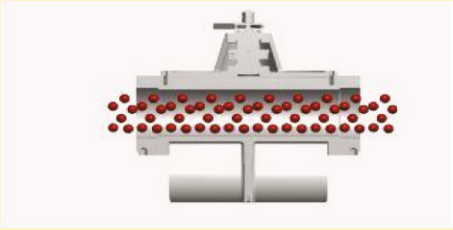
APPLICATION :

Scale Valves are widely used in Weighing Applications in Bulk Solids Handling Industries such as Bakery & Flour Industries, etc.

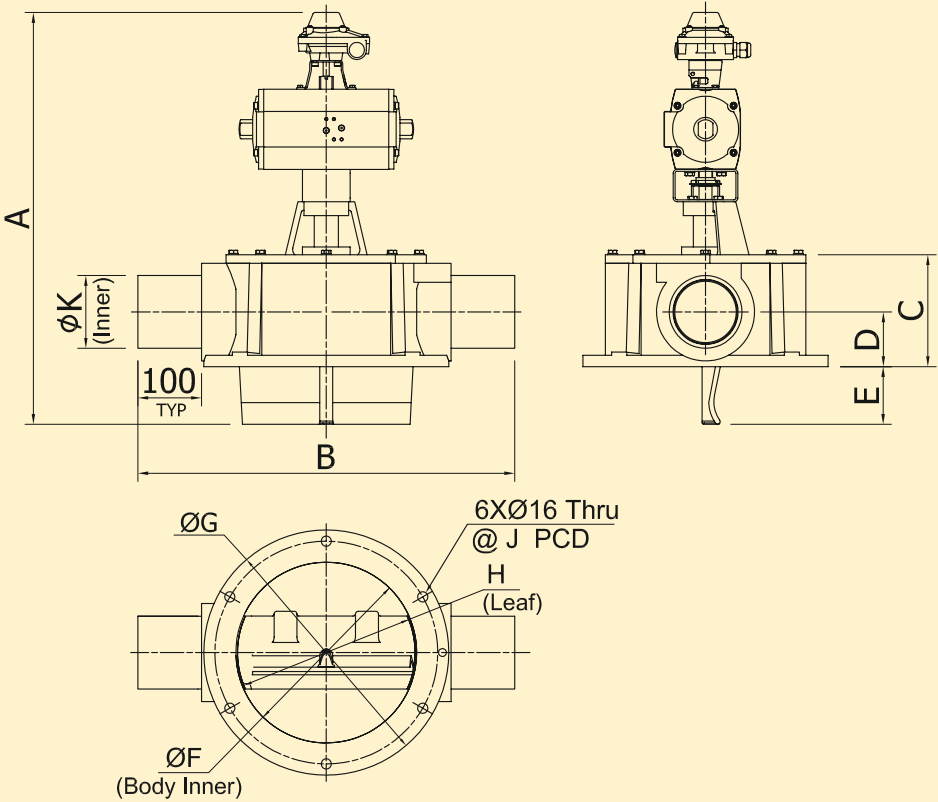
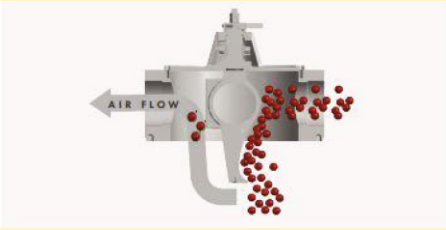
Scale Valve

SV-A

Straight Through Position



Divert Position



Size	A	B	C	D	E	ØF	ØG	ØH	J	ØK
50mm & 80mm	588	496	157	83	73	196	300	195.8	260	54.7 / 82.8
100mm	647	592	176	86	91	268	385	267.8	350	108.2
150mm	737	665	229	107	108	331	465	330.7	419	161.50

All dimensions are in mm.

Note: We reserve the right to modify the dimensions without prior notice.