

Iso Flap Valve Animation

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The IEP Technologies range of passive isolation flap valves are low cost and reliable explosion isolation solutions which mitigate explosion propagation risks to upstream equipment. These passive isolation solutions are effective, self-actuating devices providing inlet explosion isolation to protected vessels handling combustible dusts such as dust collectors, cyclones, and other process equipment. Available models include the IsoFlap and IsoFlap-M isolation flap valve. The IsoFlap version is 3rd party certified as a protective system according to EU directive 2014/34/EU (Atex Directive) and is approved for isolation of dust explosions. The IsoFlap-M has integrated monitoring of dust accumulation level in the valve body and the blade position which meets the requirements of Osha Combustible Dust Directive, NFPA 654, and NFPA 69.