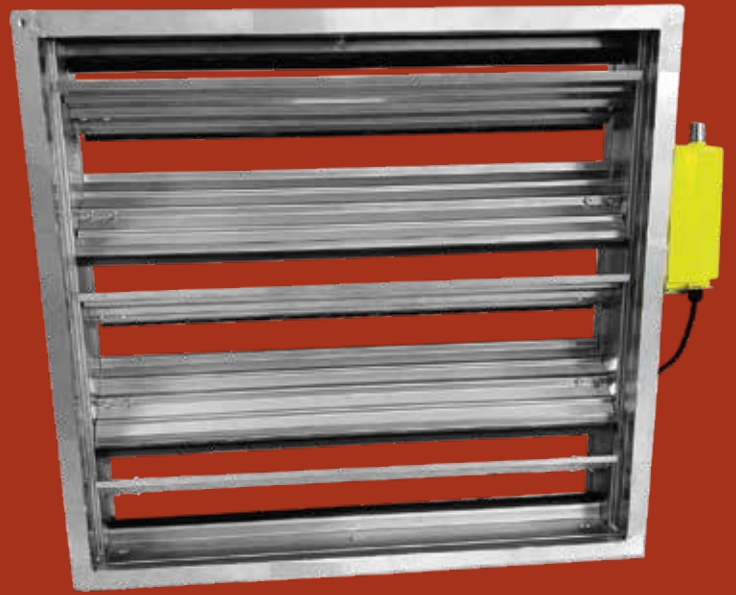




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GAS TIGHT DAMPER ■■



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GAS TIGHT DAMPER

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GAS TIGHT DAMPER (SHUT OFF DAMPER)

model: **AGTD(B)**

CONSTRUCTION:

Frame: High quality Galvanized Steel sheet (Z-275) of thickness 2mm

Frame size: 180mm depth and standard flange height of 35mm

Blades: Single skin 3-V blades, Galvanized steel of 2mm thickness

Drive Shaft: Electro plated square rod of size 12.7mm x 12.7mm

Bushings: Self-lubricating S.S Ball bearing

Blade linkage: 3mm thick Galvanized steel double linkage system on both sides

Jamb seal: Stainless steel

Gasket: Flame retardant Silicone Gasket



DESCRIPTION:

- Designed for use in Ultra low leakage application at higher pressure up to 4.5" & operations @ 2400 fpm
- Joints are welded and protected by aluminum spray coating to prevent rusting.
- S.S Ball bearing is used for smooth closing of blades and for long life application.
- Blade ends have flame retardant silicone gaskets that can withstand temperature of 180°C and tested @ 300deg C for 72 hrs.
- Flanged edges are supplied with drilled holes as standard.
- Actuators of client's choice will be factory installed. Actuators shall be spring return type (fail safe) to shut off in the event of failure of power supply to the actuator.
- Damper is equipped with junction box for ease of power connection at site.
- Dampers will be provided with extended spindle to fix actuator on-site.
- Air Performance and leakage testing were conducted in accordance with AMCA Standard 500-D-98 entitled, "Laboratory Methods for Testing Dampers for Rating".
- Max leakage rating of damper is < 2cfm/sq.ft @ 4.5" .

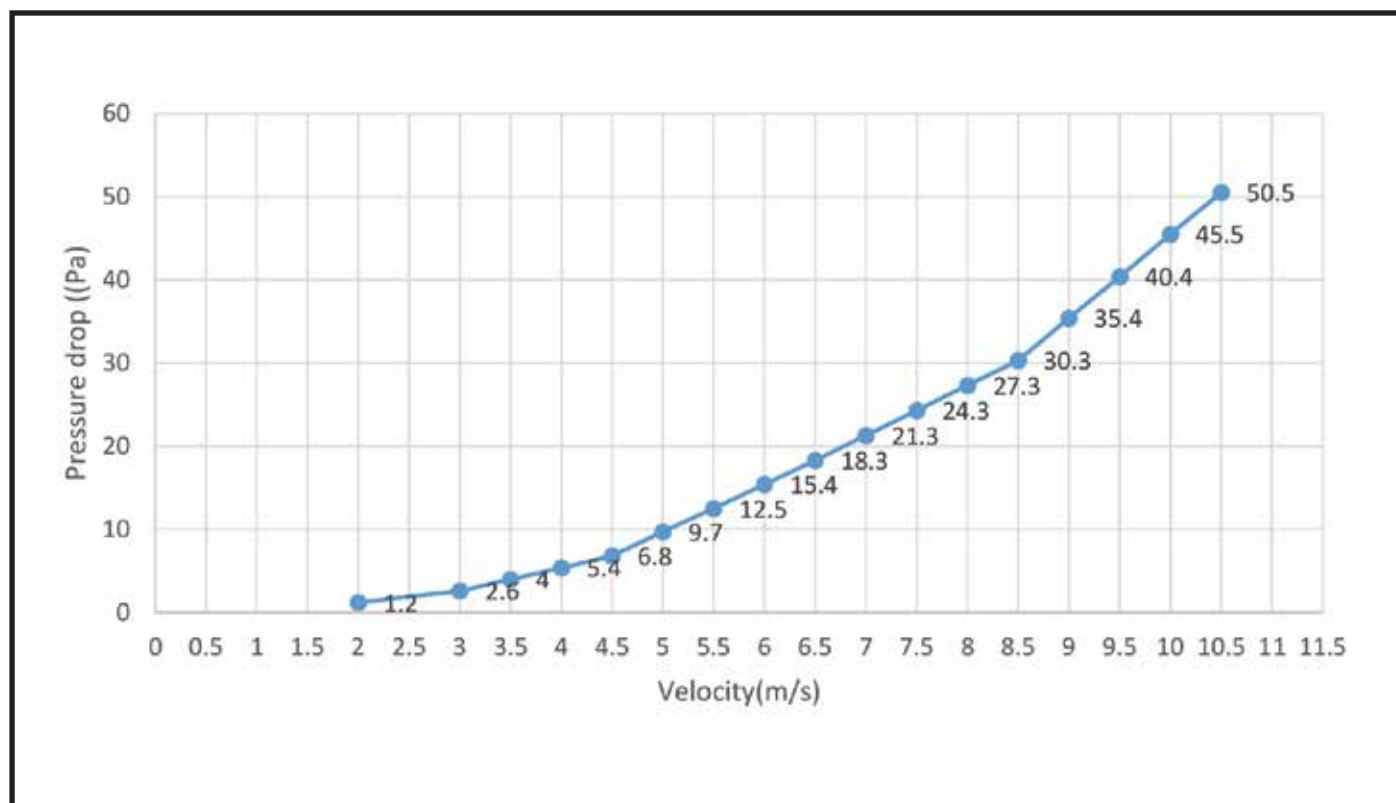




OPTIONS:

- **Frame and Blade depth:** Customized sizes are available
- **Actuator:** ATEX rated Explosion proof actuator for Zone 1,2 and Zone 21,22 classified hazardous locations, IP 66 and closing as fast as 1 sec.
- **Material :** SS 304 / 316 Frame and Blade

PERFORMANCE CHART:





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