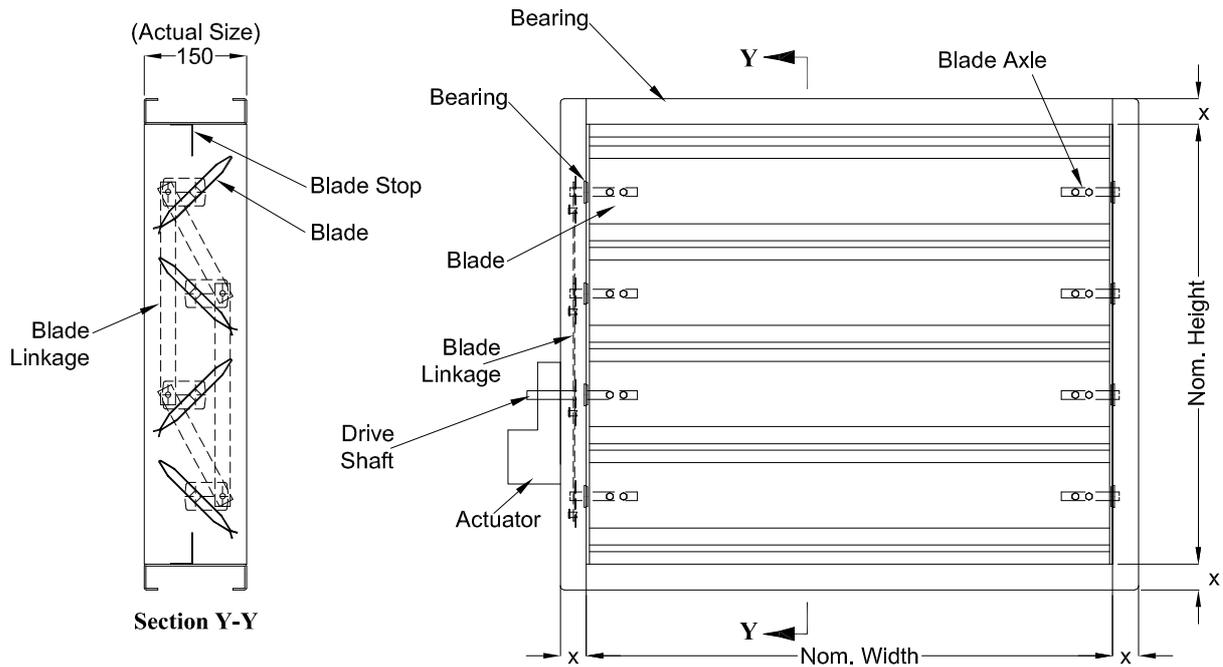


Submittal



Min. Size : 150 x 150 mm

Max. Size : 1500 x 2000 mm single module subject to actuator 's torque. For larger size, damper may be supplied in modules.

NOTES :

1. **FRAMES** : Constructed of high quality 1.2 mm thk. galvanized steel. Standard frames are constructed of 'C' channel joined at each corner. For module nominal height ≤ 1005 , x will be 38mm. For module nominal height > 1005 , x will be 50mm.
2. **BLADE** : Opposed blades, constructed of double skin, airfoil shaped Galvanized Steel. Blade width is 150 mm. Number of blade varies with the height of damper. Blade thickness should be 1.0 mm thick for damper nominal width ≤ 1005 mm and 1.2 mm thk. for larger damper.
3. **BLADE AXLE** : Constructed of 12.7 mm square zinc plated steel.
4. **BEARING** : Two-parts Nylon bearings.
5. **BLADE LINKAGE** : Externally mounted on shaft, out of air stream to provide opposed blade action.
6. **ACTUATOR** : E1 Modulating electric actuator
 E3 ON/OFF electric actuator
 E5 Spring return electric actuator
7. **SEALS** : Without blade seals and jamb seals for balancing function.
 c/w UL555s class 2 leakage rated jamb seals and blade seals for leakage rated application.
8. **MATERIAL** : Galvanised Steel SS304 SS316

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : **Airfoil blade air control damper (Model AD100-E)**

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	Chk By :	Boon Shing <i>Shing</i>	Dwg. No. :	DVZEP009	N.T.S
	App By :	Wong <i>wong</i>			