

Description:

> K500-X - Plastic special application multi-leaf opposed blade volume control damper



Applications:

- > The K500-X opposed blade volume control damper is a corrosive resistant product for use in corrosive atmospheres and with aggressive media
- > These multi-leaf dampers are primarily used in ventilation systems for volume control, pressure control and air balance where there are airborne contaminant present
- > Coastal installations
- Sewage treatment plants
- Water treatment works
- Fume cupboard extract systems
- Variable air volume fume cupboard systems

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We reserve the right to make specification changes without prior notice or obligation

Revision: 01/2010





Features:

- Rigid PVC double skin casing
- Aerofoil section extruded PVC blade
- > Opposed blade action for optimum air control
- > Individual blade coupling by plastic gears, running in maintenance free bushes
- > External gears c/w blade position indicators and clear PVC cover
- > Encased bearing, with one casing penetration
- Suitable for GRP cladding
- Manual, electrical or pneumatic factory fitted control options

Construction:

- > Casing PVC-U extruded 6.00mm thick double skin casing, 160mm deep with 50mm flanges
- > Blades PVC-U extruded Aerofoil section double skin blades, 103mm wide
- > Linkage (External) Polypropylene gear, fitted with 25mm diameter integral stub shaft
- Bushes PTFE flanged bush, 25mm diameter x 2.5mm thick
- > Drive Spindle 316 grade Stainless steel, 12.7mm square full length shaft

Options:

- GRP clad casings
- Low Leakage damper using specially coated K200 aluminium blades with EPDM edge
- Circular, spigot and flange connections
- Flange drillings
- Backing flanges

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Operating Conditions:

- Temperature: -10°C to +60°C
- Pressure: ± 2500Pa
- Velocity: up to 20m/s

Control Options:

- M = Manual operated quadrant
- E = Extended spindle for motorization (by others)

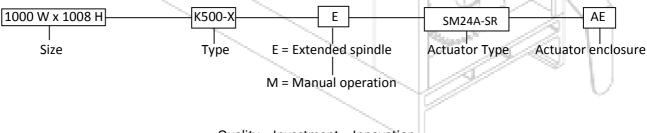
Factory Fitted Actuators:

- Electrical actuator options 24/110/240 volt units. Double acting /open-close, modulating, spring return
- Pneumatic actuator options Double acting/open-close, modulating, spring return

Size Range:

- > 100 W x 108 H to 1000 W x 1250 H in a single module
- Multi-unit assemblies available
- > Circular, flat oval, spigot & flanged units are available

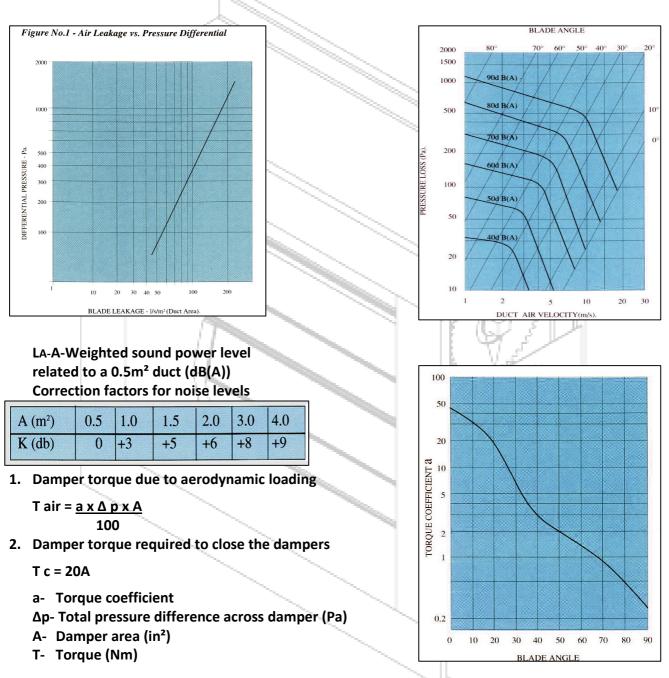
ORDERING



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