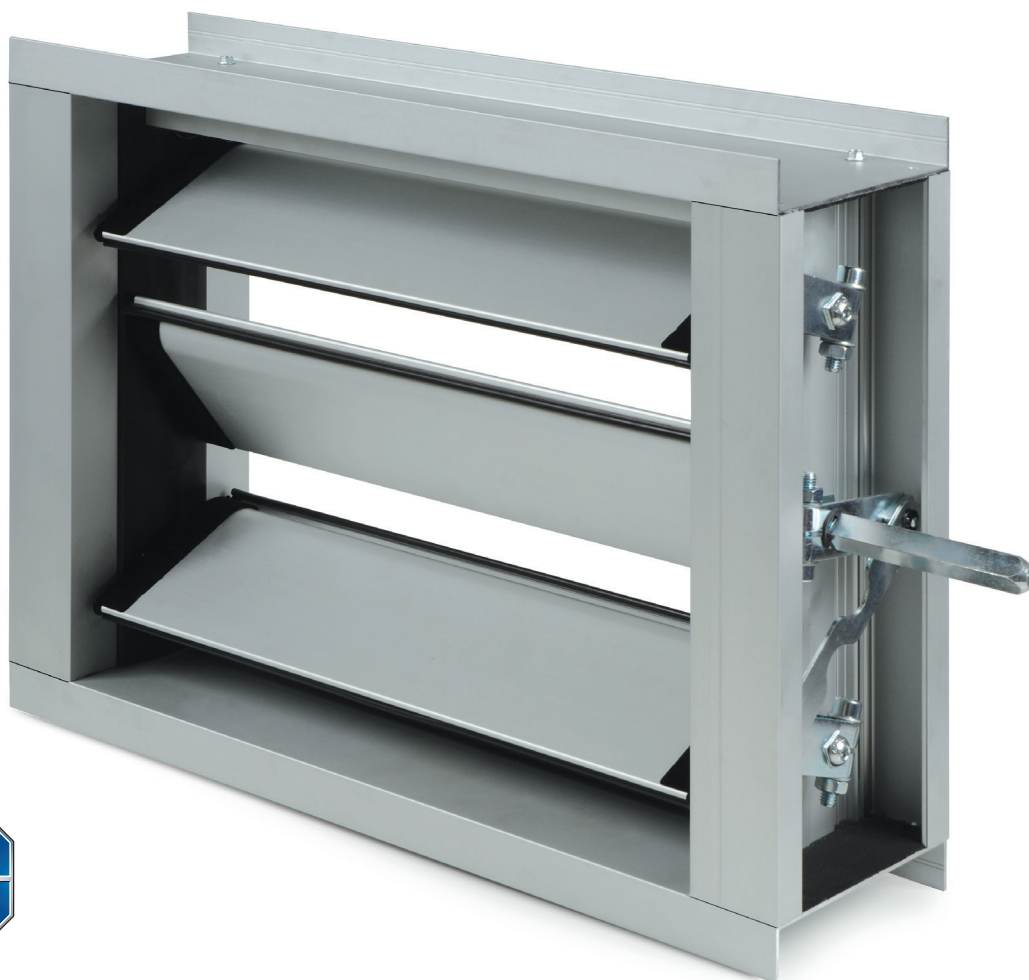


CLASS 4 damper with cam system UNI EN 1751:2003



As for airtightness, Class 4 damper marks the highest efficiency level, according to the european norm UNI EN 1751:2003. Designed by APS Arosio Research and Development Centre, this damper combines a special set of gaskets, covering caps for the blades and cams mechanism. An efficient damper with an easy assembling, made up of top level materials for high performances.

Construction:

- Frame - Extruded aluminum, EN AW 6060 T6, thickness 1.8 mm
- Blade - Extruded aluminum, EN AW 6060 T6, airfoil design
- Cams mechanism
- Flocked covers for blade profiles
- Special set of gaskets in TPE-V on the blades and in EPDM on the shoulders
- Shaft - galvanised steel, 12 mm x 12 mm square (with slot indicating open/close)

Design:

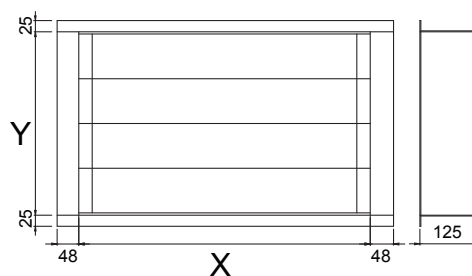
- Temperature - working condition range of -15°C / $+80^{\circ}\text{C}$
- Blade - 100 mm pitch
- Cams mechanism - housed inside the shoulder profile.
- Materials according to ROHS / PAK

Options:

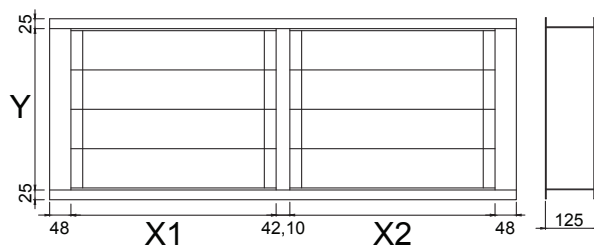
- Anodized / painted profiles
- Belimo motors (specific information required with order)
- By-pass
- Secondary process on the frame (ex. blunted corners and holes)
- Certified silicon and halogen agents free
- Insulated blades polyurethane (code PS100.MT46)
- Thermal break blade (code PS100TT-00)
- Materials according to VDI6022

Frame dimensions

1 section



2 sections



Torque values

Contact APS Arosio Spa for more informations about

“APS AROSIO” ALUMINIUM REGULATION DAMPERS

1. Before starting damper assembly, please read the assembly instructions carefully.
2. Working operating conditions
 - 15° + 80° standard
 - 40° + 80° on request
3. The “APS Arosio DAMPERS” are designed to be used in Air Handling Units and Ducts systems. For other applications please contact us.
4. APS Arosio can guarantee full functionality only if you purchase already assembled damper from us.
If only individual parts are purchased, APS Arosio will be responsible for the components quality, dimensions and tolerances only.
5. Pay close attention to the fixation/installation of the damper. Otherwise APS Arosio will not be responsible for the functionality.
6. When screws are fixed or the shoulder profile is drilled, pay close attention to the mechanisms inside.
7. APS Arosio strongly advised against the use of aggressive solvents or acid solutions.
For information we ask you to consult your contact person in our sales department.
8. All APS Arosio products are guaranteed against defects in manufacturing for a period of one year from the date of shipment. If a defect should develop within this period, the customer must contact his referent in the APS Arosio agreeing before the return of the assembled product or parts of it, with transport at his charge with destination to our factory in Gessate, to be checked and then repaired or replaced up to our judgement. No responsibility is taken by APS Arosio in case of damages caused by corrosion, improper use of the products or use of aggressive solvents and acid solutions. No warranty is given in case of wrong installation or use of original parts together with not original parts.
9. Patent: please be reminded that the “APS Arosio DAMPERS SYSTEM” is protected by international patent. Any attempt to reproduce the components will be prosecuted according to law.

A.P.S. Arosio S.p.A.
Arosio Claudio
The Sole Director



All stated specifications are subject to change without notice or obligation