

CLASS 2/3 damper + louver



Construction:

- Frame - Extruded aluminum, EN AW 6060 T6, thickness 1.8 mm
- Blade - Extruded aluminum, EN AW 6060 T6, airfoil design
- Gear mechanism - polypropylene with minimum water absorption
- Gasket on blades
- Shafts - brass and galvanised steel shaft, 12 mm x 12 mm square (with slot indicating open/close)

Design:

- Temperature - working condition range of -15°C / +80°C
- Blade - 100 mm pitch
- Gear mechanism - housed inside the shoulder profile.
- Materials according to ROHS / PAK

Options:

- Class 3
- Anodized / painted profiles
- Round shaft
- Special light blade (code PS100.S.00)
- Insulated blades polyurethane (code PS100.MT46)
- Thermal break blade (code PS100TT-00)
- Special linkage in case of damper higher than 13 blades
- Special gaskets in different shape/material available on request
- Support bracket (code P.M.S80000)
- Aluminium handle (code MPS2012000)
- Belimo motors (specific information required with order)
- By-pass
- Several lights in high
- Vertical use (to be specified in the offer / order)
- Certified silicon and halogen agents free
- Materials according to VDI6022

Damper

Blades

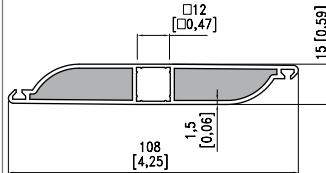
Aluminium profiles

TECHNICAL DATA

Max profile length	6000 mm / 234"
Material	EN AW 6060

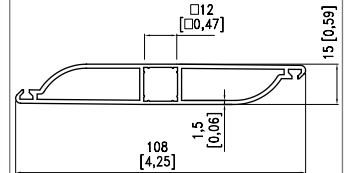
Finish	Natural / Painted / Anodized
Treatment	T6
Color	RAL

PS100.MT46 Blade profile filled with polyurethane



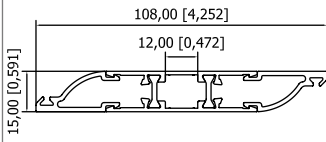
Weight: **1.120 kg/m**

PS10000000 Blade profile



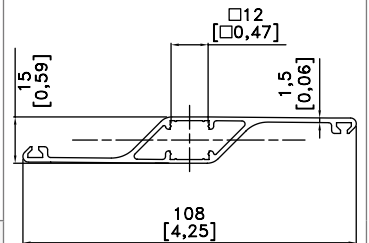
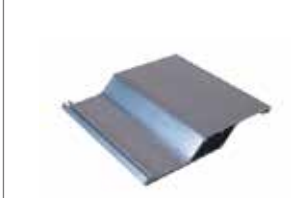
Weight: **1.019 kg/m**

PS100TT-00 Blade profile



Weight: **1.019 kg/m**

PS100.S.00 Blade profile*



Weight: **0.759 kg/m**

* Just for class 2 version

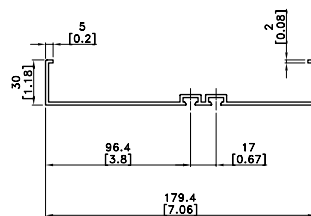
Top-bottom profiles

Aluminium profiles

TECHNICAL DATA

Max profile length	6000 mm / 234"
Material	EN AW 6060
Finish	Natural / Painted / Anodized
Treatment	T6
Color	RAL


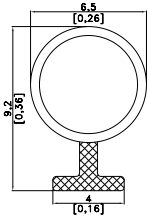

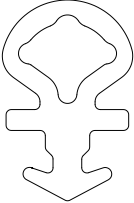

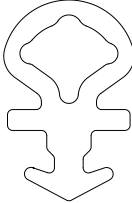
PSG20-0200 Shoulder profile




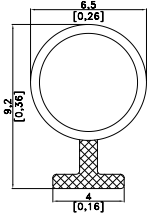
Material:	EN AW 6060
Finish:	Natural / Painted / Anodized
Treatment:	T6
Weight:	1.502 kg/m



Gaskets

GA.1200000 Tubular gasket		GUAR.TPE05 Tubular gasket		GUAR.00005 Tubular gasket	
					
Material: TPE-V and PP		Material: TPE-V		Material: EPDM	
Working temp.: -30°C / +120°C		Working temp.: -30°C / +120°C		Working temp.: -20°C / +70°C	
Peak temp.: -40°C / +135°C		Peak temp.: -40°C / +135°C		Peak temp.: -25°C / +85°C	
Color: Black		Color: Black		Color: Black	

GA.12AB000 Antibacterial certified VDI6022

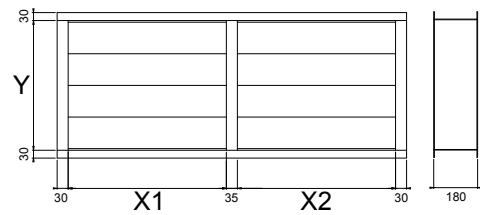
	
Material: TPE-V and PP	
Working temp.: -30°C / +120°C	
Peak temp.: -40°C / +135°C	
Color: Black	

Dimensional details

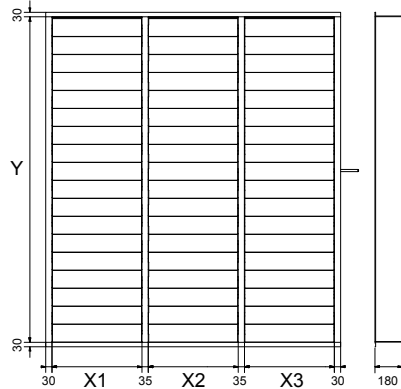
Frame dimension (1 section)



Frame dimension (2 section)



Frame dimension (3 section)



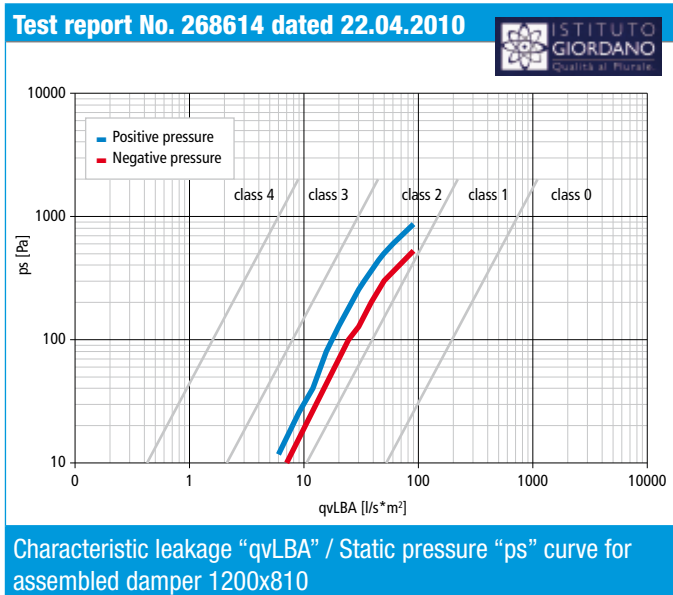
* Suggested maximum length of the blade 1400 mm

** For dampers bigger than 4000 mm, please contact APS Arosio

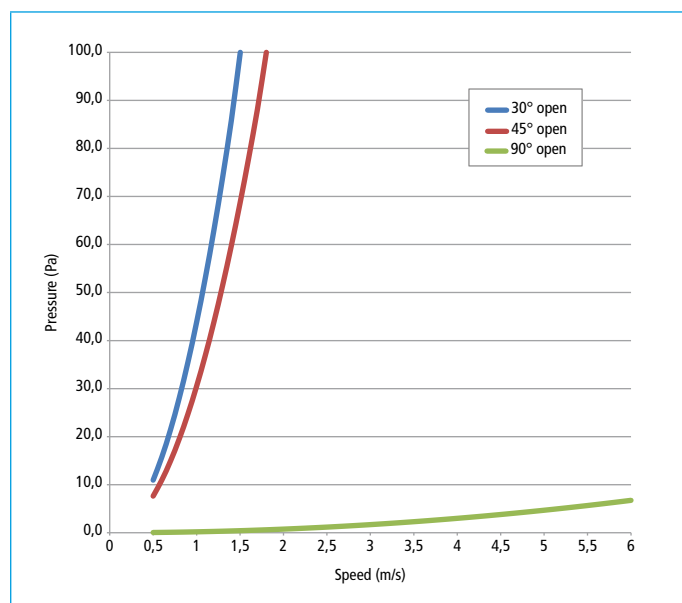
Torque values (class 2)

Nm values	m ²	1	2	4
	Nm	4	8	15

Leakage diagram tested in accordance to EN 1751 / ISTITUTO GIORDANO



Pressure drop graph



Modular Louver 50 mm pitch



Construction:

- Frame - Extruded aluminum, EN AW 6060 T6
- Blade - Extruded aluminum, EN AW 6060 T6, airfoil design

Options:

- Anodized/painted profiles
- Materials according to VDI6022

Design:

- Temperature - working condition range -20°C +90°C
- Pitch - 50 mm
- ROHS / PAK

