

CLASS 2 micro damper thickness 50 mm



Carefully following the demand, APS Arosio develops diversified products to satisfy the most specific requests. The Micro damper is one of these cases. It is the ideal product for those who have little space but who don't want to go without the top level performances of APS Arosio Dampers.

With its 37mm / 1.45" blades and a 50 mm / 1.96" frame thickness, this damper obviates limitations imposed by little spaces.

It has a nylon movement, realized according to all APS Arosio dampers principle, with all gears hidden in the frame, which guarantee cleaning and safety.

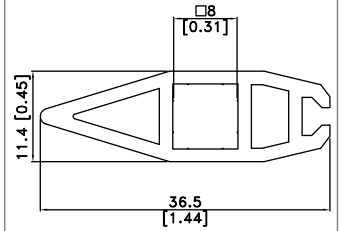


Aluminium profiles

TECHNICAL DATA

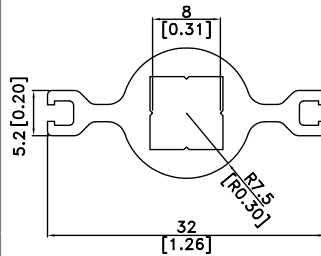
Max profile lenght	6000 mm / 234"
Material	EN AW 6060
Finish	Natural / Painted / Oxidized
Treatment	T6
Color	RAL

PS051.G.05 Blade profile



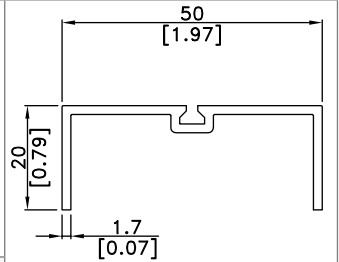
Weight: **0.450 kg/m**

PS050.G.05 Blade profile



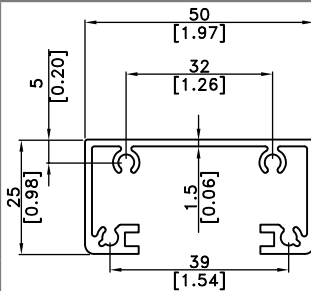
Weight: **0.437 kg/m**

PS051.0000 Top-bottom profile



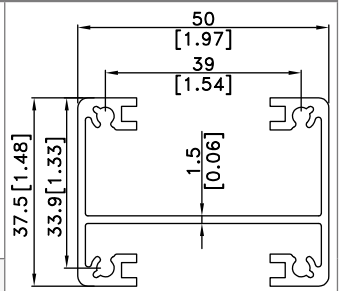
Weight: **0.468 kg/m**

PS052.0000 Shoulder profile



Weight: **0.666 kg/m**

PS053.0000 Intermediate profile



Weight: **0.941 kg/m**

Gaskets

GUAR.00005



Material: **EPDM**

Working temp.:
-20°C / +70°C
Peak temp.:
-25°C / +85°C

Color: **Black**

GUAR.TPE05



Material: **TPE-V**

Working temp.:
-30°C / +120°C
Peak temp.:
-40°C / +135°C

Color: **Black**

GUARTPEV05

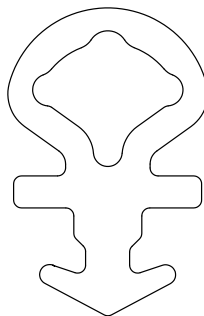


Material: **TPE-V VO**
Class UL94

Working temp.:
-30°C / +120°C
Peak temp.:
-40°C / +135°C

Color: **Black**

Tubular gasket
Suitable for
PS050.G.05 blades



GUAR.00012 Gasket

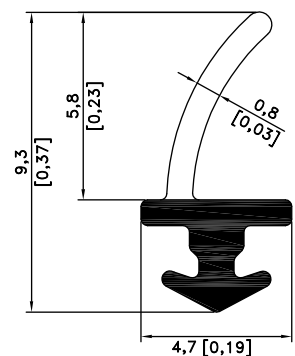
Suitable for **PS051.G.05** blades



Material: **EPDM**

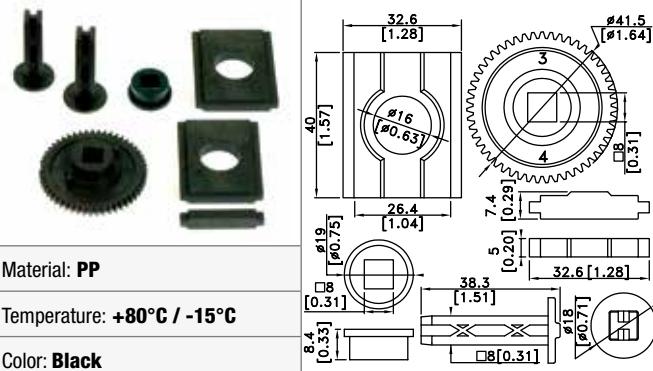
Working temp.:
-20°C / +70°C
Peak temp.:
-25°C / +85°C

Color: **Black**



Nylon elements

CPSMICROPP Blades mechanism

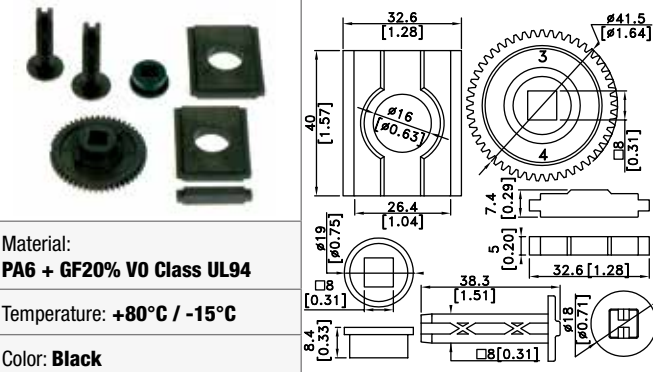


Material: **PP**

Temperature: **+80°C / -15°C**

Color: **Black**

CPSMICROVO Blades mechanism

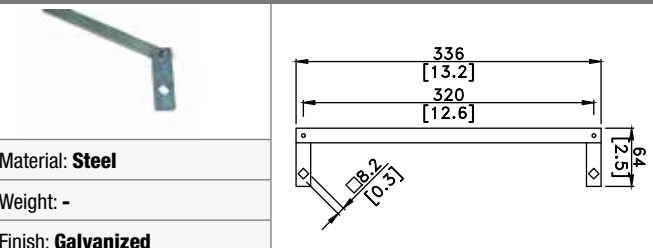


Material: **PA6 + GF20% V0 Class UL94**

Temperature: **+80°C / -15°C**

Color: **Black**

LEV.MICROC Leverage for dual control



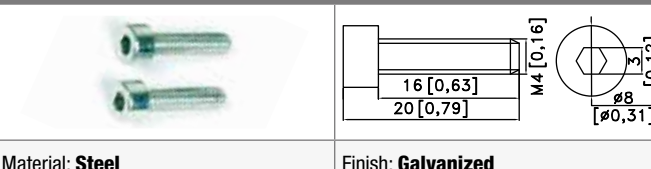
Material: **Steel**

Weight: **-**

Finish: **Galvanized**

Accessories

VTEM4X1600 Screw



Material: **Steel**

Finish: **Galvanized**

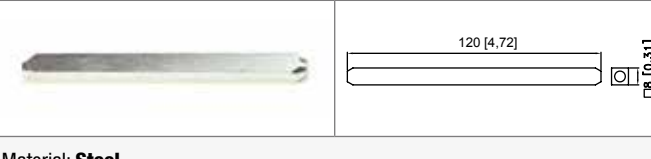
PFE120.Q80 Control / Transmission shaft



Material: **Steel**

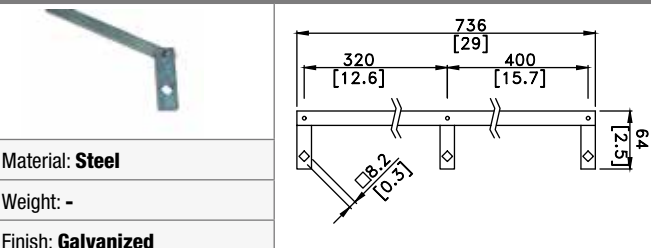
Finish: **Galvanized**

PFE120Q8F8 Leverage shaft



Material: **Steel**

LEV.MICROL Leverage for dual control

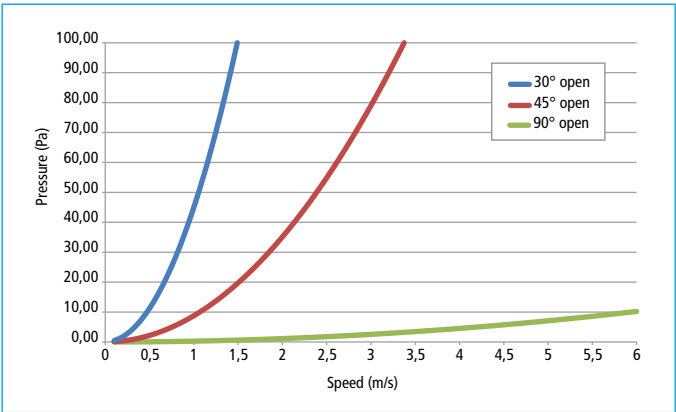


Material: **Steel**

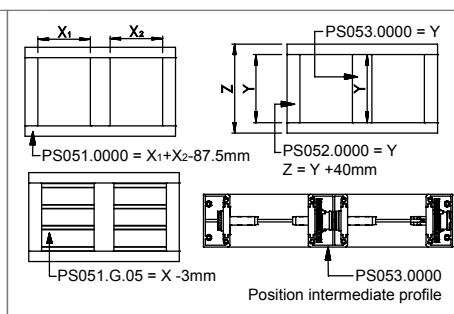
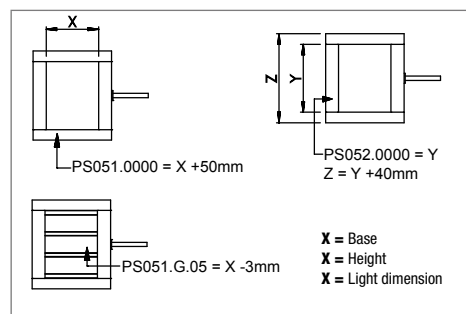
Weight: **-**

Finish: **Galvanized**

Test

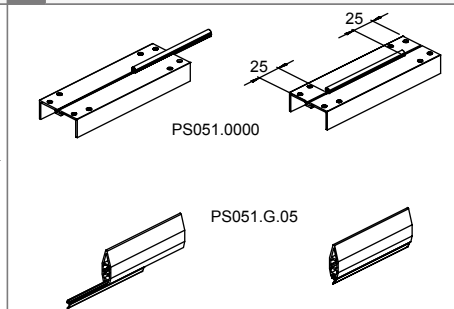
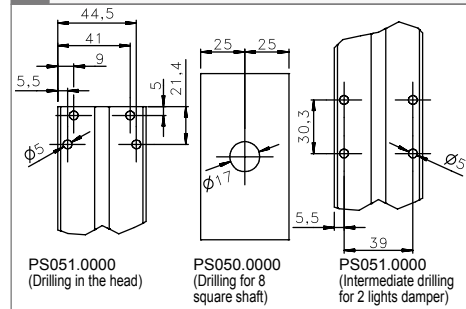


Assembly Instructions



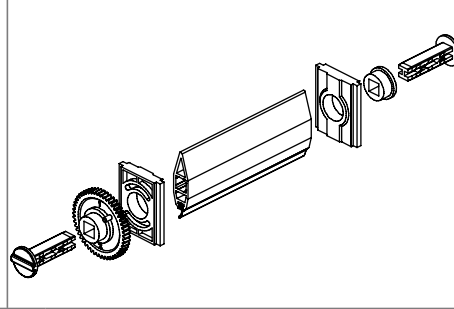
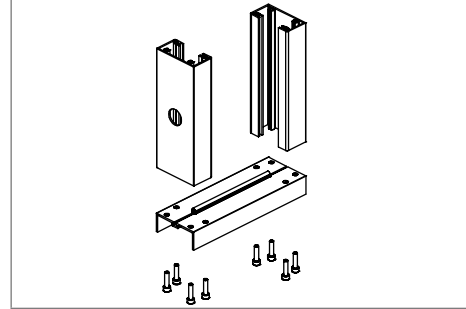
1 Cutting 1 light damper profiles*.
*Over 1200 mm use 2 lights damper.

2 Cutting 2 lights damper profiles.



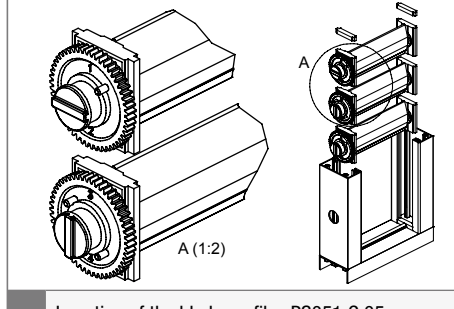
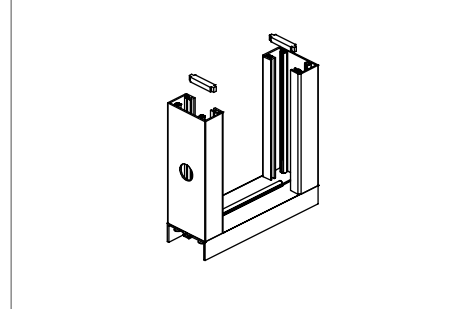
3 Drilling damper profiles.

4 Insertion of the gasket on top/bottom profile PS051.0000 and on blade profile PS051.G.05.



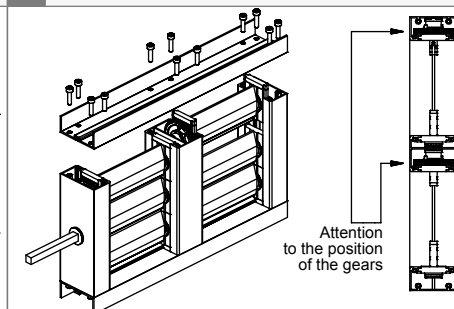
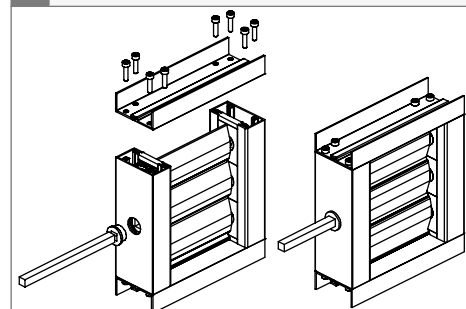
5 Fixing of the shoulder profiles PS052.0000 to the top bottom profile PS051.0000 with n.8 M4 screws.

6 Assembling of the blade profile PS051.G.05 with the CPS-MICRO0.



7 Inserting of the 5 mm thicknesses in the shoulder profiles PS052.0000.

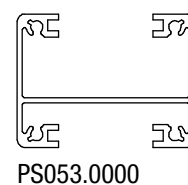
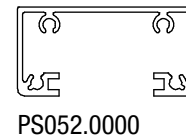
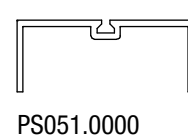
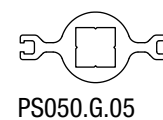
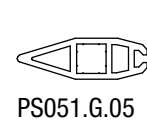
8 Inserting of the blade profiles PS051.G.05 complete with the components CPS-MICRO0 as per picture "A", following the numbers printed on both sides of the wheel.



9 Fixing of the top/bottom profile PS051.0000 to the shoulder PS052.0000, with n.8 M4 screws. Insertion of the 8 square shaft.

10 Fixing of the top/bottom profile PS051.0000 to the shoulder profile PS052.0000 and to the intermediate profile PS053.0000 with n.12 M4 screws.

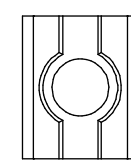
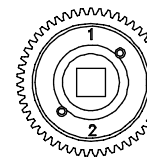
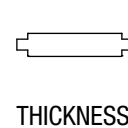
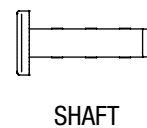
Aluminium profiles



CPSMICRPP
(PP)

CPSMICROVO

(PA6 + GF20% V0 Class UL94)



Gaskets



Leverages and Shafts

