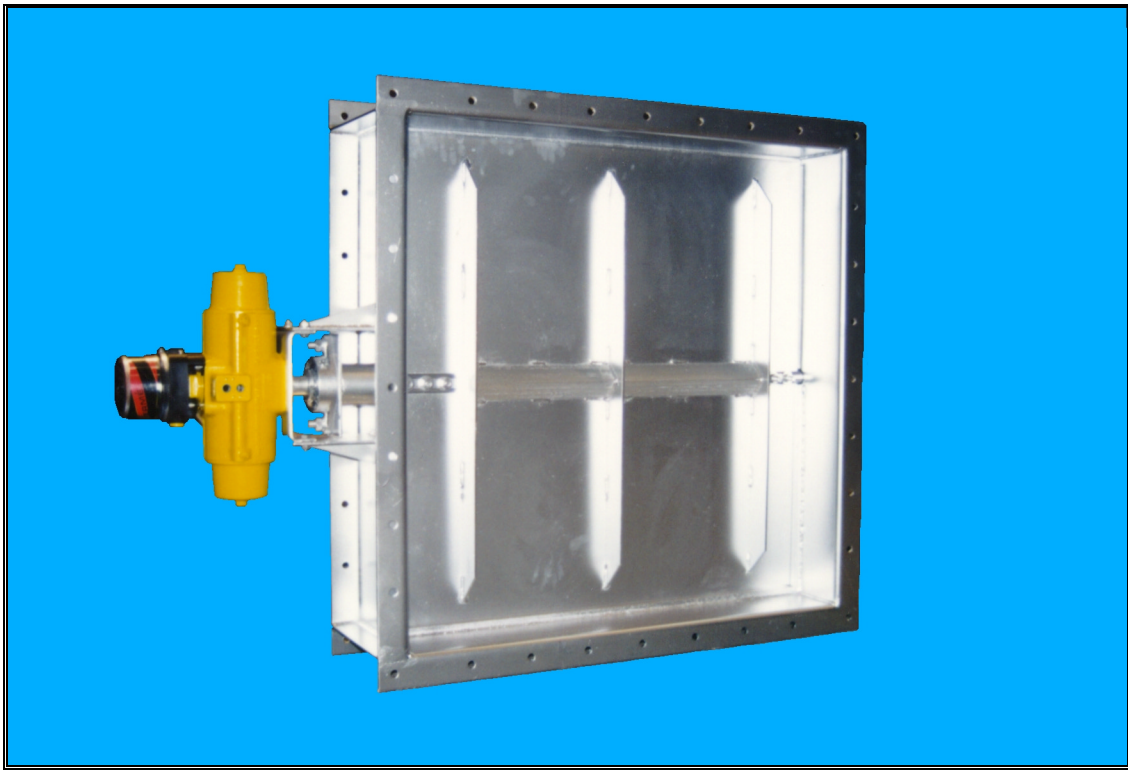


## BLADE DAMPER RV 350

REV 00



### *Application areas*

RP 350 is a damper designed for operations in hot gas and smoke ducts.

- Temperature up to 350 °C
- Gas with dust
- Abrasion

### *Material (examples)*

According to application and temperature :

- Body and blade : Carbon steel, Creusabro
- Shafts : XC38, 35CD4, Stainless steel

### *Construction*

- Fabricated body based on U folded sheet forming two connecting flanges
- One blade
- One drive shaft
- One shaft opposite to the drive
- Guiding of shafts by self adjusting ball bearings
- Shaft sealing by gland type stuffing box
- Reinforcement between flanges with lifting points
- Standard painting : one layer of primer ; other systems on demand

### *Upstream / downstream tightness*

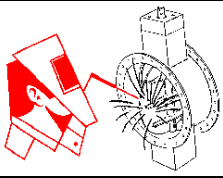
Butterfly in contact with :

- Square or triangular metal profile
- Ceramic fibre tress
- Flexible metal blades
- No contact ; peripheral clearance

Leakage rate calculation on demand

### *Actuation*

- Electrical with manual steering wheel
- Pneumatic double and single acting
- Hydraulic
- Manual
- Shut off or regulation
- Limit switches or position transmitter

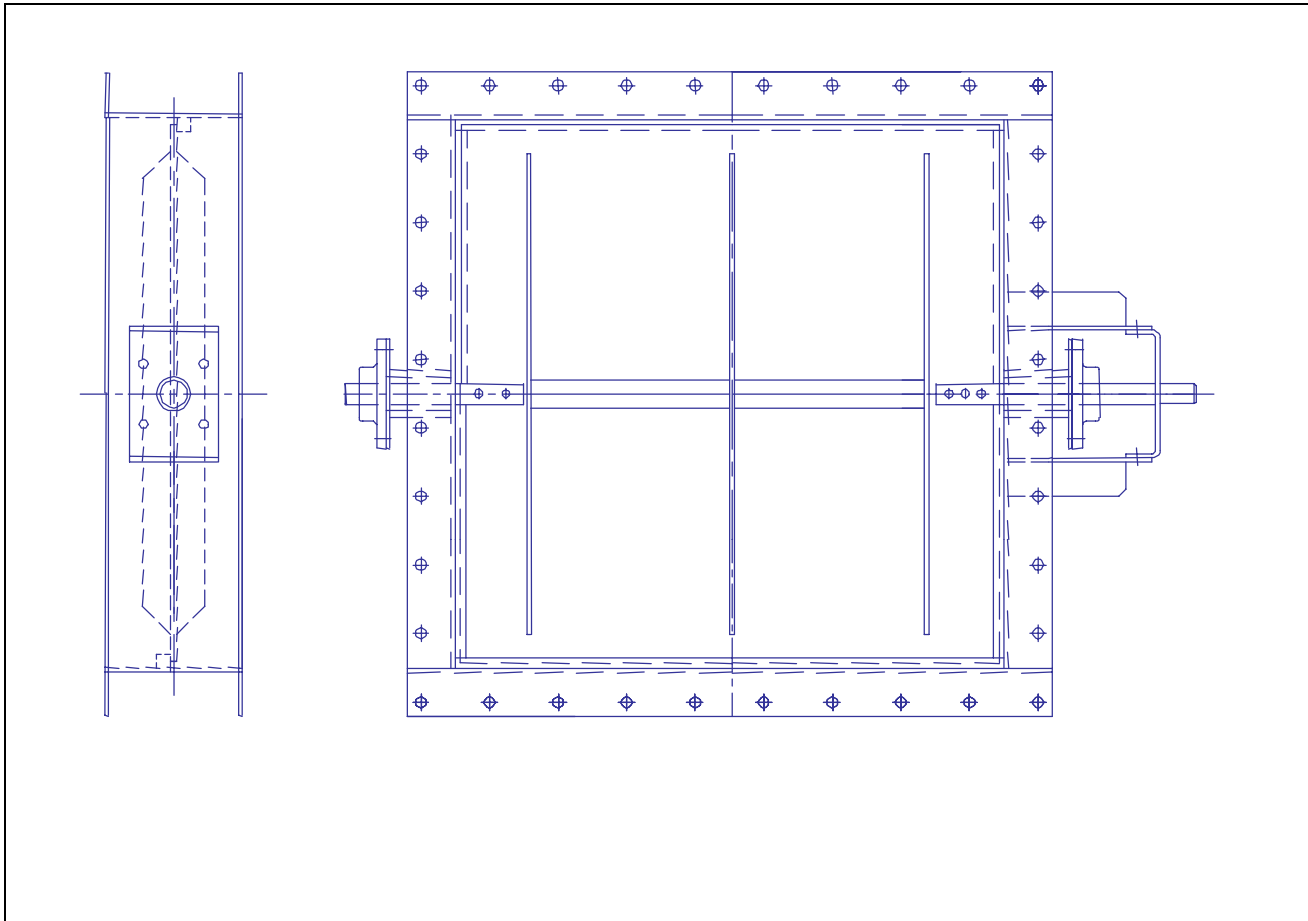


# CCMG

*Hot gas dampers and valves  
Regulation and isolation  
Designer and constructor*

## BLADE DAMPER RV 350

REV 00



### DIMENSIONNAL EXAMPLES

Section	Thickness	External Section	Overall	Drilling pattern
250 X 250	200	350 X 350	570	Ø 12 ts les 80 mm
500 X 500	250	620 X 620	850	Ø 16 ts les 100 mm
750 X 750	300	870 X 870	1100	Ø 16 ts les 100 mm
1000 X 1000	300	1160 X 1160	1350	Ø 16 ts les 120 mm
1250 X 1250	300	1410 X 1410	1600	Ø 20 ts les 120 mm
1500 X 1500	300	1700 X 1700	1900	Ø 20 ts les 120 mm

**Square and rectangular dampers are generally built to customer's dimensions**

When possible, the space constraints are taken into account. For instance, the thickness can be increased to avoid the blade overstepping the flanges.

This specification can be modified without notice ; only the general arrangement drawing of the order is contractual