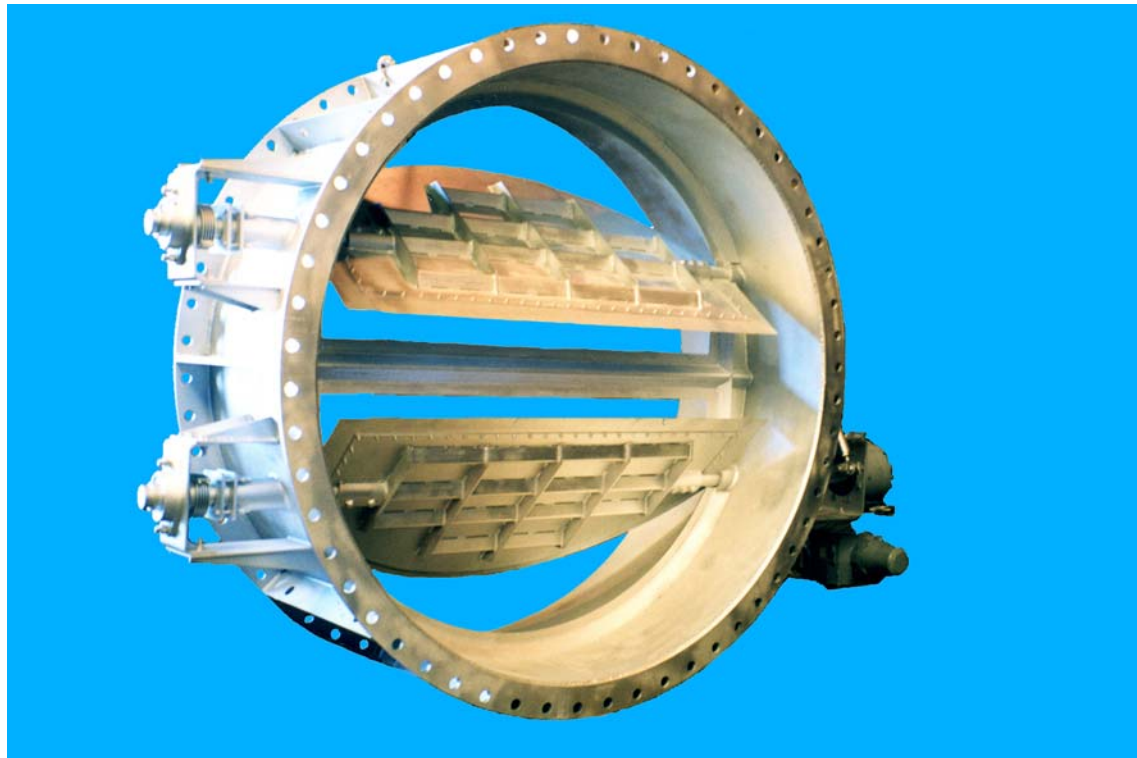


## DOUBLE BUTTERFLIES DAMPER RP2 500

REV 00



### Application areas

RP2 500 is a damper designed for the most severe working condition, especially for regulation of hot gas and smoke

- Temperature up to 500 °C
- Gas with dust
- Abrasion

### Construction

- One ring and two connecting flanges
- Two butterflies
- Two drive shafts
- Two shafts opposite to drive
- Guiding of shafts by self adjusting ball bearing fitted on supports
- Shaft sealing by gland type stuffing box
- Reinforcement between flanges with lifting points
- Standard painting : one layer of primer; other systems on demand

### Materials (examples)

According to application and temperature :

- Body and butterflies : Carbon steel, Chromium alloys, stainless steel, Creusabro
- Shafts : carbon steel, Stainless steel

### Upstream / Downstream tightness

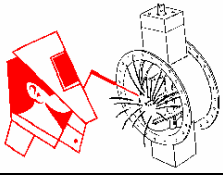
Butterflies in contact with :

- Square or triangular metal profile
- Ceramic fibres 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

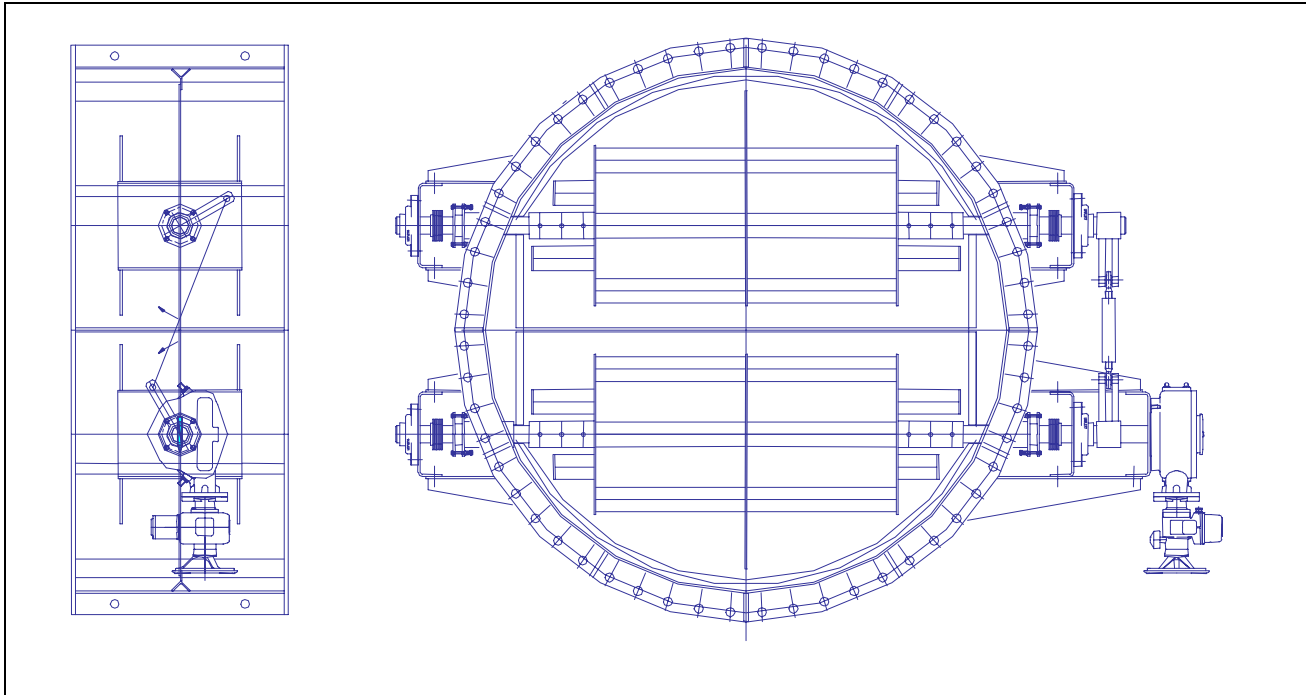


# CCMG

Hot gas dampers and valves  
Regulation and isolation  
Designer and constructor

## DOUBLE BUTTERFLIES DAMPER RP2 500

REV 00



ND	Between flanges	Outside	Overall	Holes Qty	Holes Ø	Drilling Ø
800	300	930	According to actuator	24	16	880
900	300	1030		24	16	980
1000	300	1150		24	16	1090
1100	300	1250		28	20	1190
1200	300	1350		28	20	1290
1300	300	1450		28	20	1390
1400	300	1550		28	20	1490
1500	300	1675		28	20	1600
1600	300	1775		28	20	1700
1700	300	1875		28	20	1800
1800	300	1975		28	20	1900
1900	300	2075		28	20	2000
2000	400	2220		32	22	2120
2100	400	2320		32	22	2220
2200	400	2420		32	22	2320
2300	400	2520		32	22	2420
2400	400	2620		32	22	2520
2500	400	2725		32	22	2620
2600	400	2825		36	24	2720
2700	400	2925		36	24	2820
2800	400	3025	36	24	2920	
2900	400	3125	36	24	3020	
3000	500	3270	36	24	3150	

CCMG can also design to customer's dimensions: ND & connecting pattern

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