

# CIRCULAR SHUT-OFF DAMPER

## RCE

**Circular damper RCE** is designed to shut off circular ventilation ductworks (Class 4C according to EN1751) in galvanized steel. It is suitable for clean room HVAC applications (laboratories, hospitals...).



### CODIFICATION

- RC** —> **RC range** - Circular damper
- X** —> **E** - Airtightness class 4

### CONSTRUCTION

Casing
Galvanized steel
EPDM gasket on blade to ensure an upstream-downstream class 4 airtightness according to EN1751
Male connection with EPDM gasket to ensure frame's airtightness class C according to EN 1751

Blade
Plate in galvanized steel

### CONTROL

Manual Ø ≤ 315 mm	Manual control Ø > 315 mm	Damper to be motorized	Motorized damper
Position control knob Blocking screw	Position control handle Blocking screw	Smooth shaft Ø16 Length 110 mm	Actuator sized according required torque

### PERFORMANCES

	RCE
Downstream airtightness (EN 1751)	Class 4
Frame's airtightness (EN 1751)	Class C
Acceptable velocity	12 m/s
Operating temperature	From -20°C to +80°C

# REGISTRE CIRCULAIRE ÉTANCHE

RCE

## DIMENSIONS AND RECOMMENDED TORQUES

Ø (mm)	L (mm)	A (mm)	B (mm)	Li (mm)	Weight manual RCE (kg)	Torque (Nm)
100	135	215	50	35	0.65	2
125	135	227	60	35	0.75	2
160	135	245	98	35	1.0	2
200	135	265	118	35	1.2	2
250	125	290	143	35	1.6	4
315	125	322.5	175	35	2.0	4
355	160	354	193	35	2.2	8
400	160	368	215	60	3.7	8
450	160	393	240	66	4.4	8
500	160	418	265	60	5.0	8
560	160	451	298	60	5.5	8
630	160	483	330	60	6	8

### RCE manual

