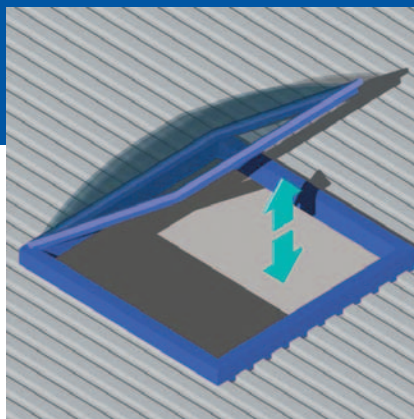
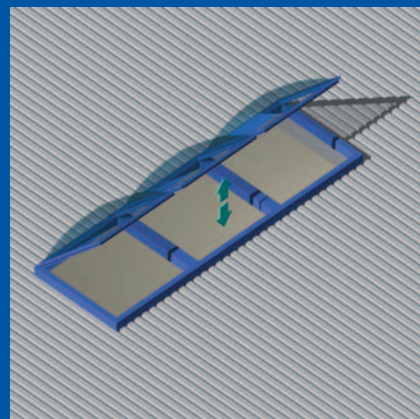
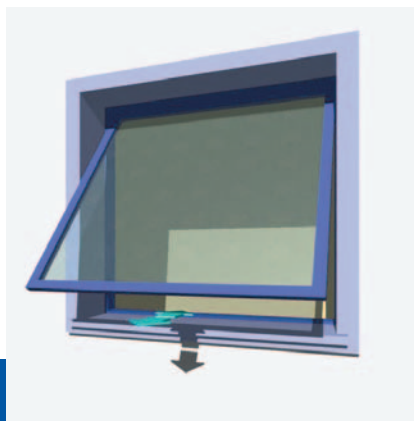


**Vérin pneumatique pour:**  
fenêtres en saillie, coupoles.  
*Pneumatic actuator for:*  
top hinged windows, domes.

## 1250N a 1 MPa



Indiqué pour l'évacuation  
de fumées  
*Suitable for smoke  
evacuation*

Force de poussée élevée  
*High thrust force*

Simplicité d'entretien  
*Easy maintenance*

Ample gamme d'accessoires  
*Wide range of accessories*

Degré de protection: IP 66 / *Protection degree: IP 66*

Force maxi de poussée: 2000 N / *Max thrust force: 2000 N*

Coloris: Anodisé Blanc EV1 / *Colour: White Anodisation EV1*

Charge étanchéité blocages: 5000 N ± 10% / *Locking hold load: 5000 N ± 10%*

Température de fonctionnement - 1 cycle: - 30°C + 300°C / *Operating temperature 1 cycle: - 30°C + 300°C*

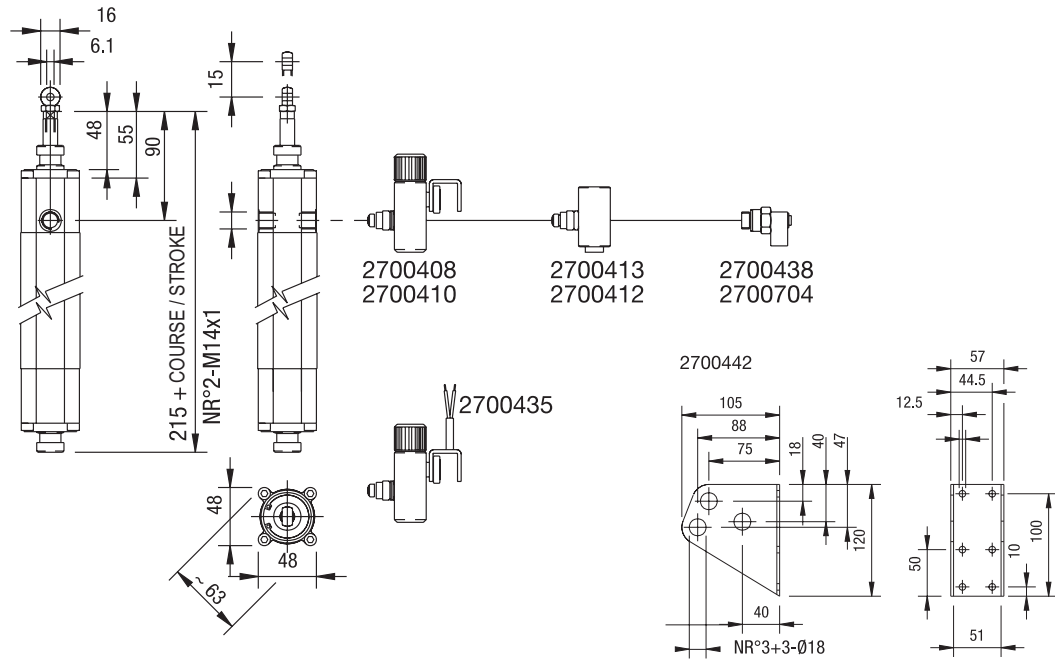
#### DESCRIPTION DE CAHIER DES CHARGES:

Vérin pneumatique de sécurité MINGARDI indiqué pour l'utilisation des évacuateurs de fumées conformément aux normes UNI 9494. Corps en aluminium coloris naturel, pourvu de blocages automatiques dans les positions extrêmes en vue de maintenir les menuiseries ouvertes ou fermées même en absence de pression interne. Prévu pour le montage direct de la soupape thermique.

#### DESCRIPTION OF SPECIFICATIONS:

MINGARDI pneumatic safety actuator suitable for being used for smoke evacuators in compliance with the UNI 9494 standards. It has a plain-coloured aluminium body and is provided with automatic lockings in the furthest position to keep the frames opened or closed even when internal pressure is absent. Prepared in advance for direct installation of the thermal valve.

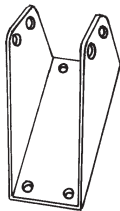
## G1 Dessin dimensionnel / G1 Scale drawing



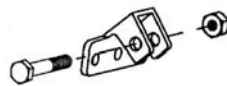
### DONNEES TECHNIQUES CYLINDRE G1 / TECHNICAL FEATURES CYLINDER G1

CODE CODE	DESCRIPTION DESCRIPTION	FORCE DE POUSSEE FORCE DE TRACTION 1 MPA THRUST FORCE TENSILE FORCE 1 MPA	COURSE STROKE	DIAMETRE CYLINDRE CYLINDER DIAMETER	DIAMETRE TIGE ROD DIAMETER	POIDS WEIGHT
2700390	G1 - Ø 40 mm C/S 180 mm	1250 N / 1120 N	180 mm	Ø 40 mm	Ø 12 mm	1,33 Kg
2700391	G1 - Ø 40 mm C/S 350 mm	1250 N / 1120 N	350 mm	Ø 40 mm	Ø 12 mm	1,74 Kg
2700395	G1 - Ø 40 mm C/S 550 mm	1250 N / 1120 N	550 mm	Ø 40 mm	Ø 12 mm	2,23 Kg
2700397	G1 - Ø 40 mm C/S 750 mm	1250 N / 1120 N	750 mm	Ø 40 mm	Ø 12 mm	2,73 Kg
2700398	G1 - Ø 40 mm C/S 1000 mm	1250 N / 1120 N	1000 mm	Ø 40 mm	Ø 12 mm	3,41 Kg

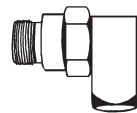
### Accessoires - Pièces de Rechange (seul pour cylindre Ø 40 mm) / Accessories - Spare parts (only for cylinder Ø 40 mm)



2700442



2700064



2700438

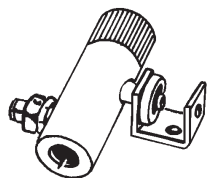


2700704

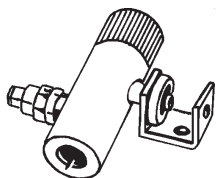
### ACCESSOIRES DE FIXATION (seul pour cylindre Ø 40 mm) / FIXING ACCESSORIES (only for cylinder Ø 40 mm)

CODE CODE	DESCRIPTION DESCRIPTION
2700442	Bride avant pour cylindre Cylinder front bracket
2700064	Groupe bride avant pour bâti Front bracket for window frame
2700438	Raccord tournant Rotating joint
2700704	Raccord fixe Fixed joint

## Soupapes (seul pour cylindre Ø 40 mm) / Valves (only for cylinder Ø 40 mm)



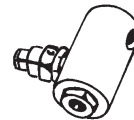
2700408



2700410



2700413



2700412

## Soupapes (seul pour cylindre Ø 40 mm) / VALVES (only for cylinder Ø 40 mm)

CODE CODE	DESCRIPTION DESCRIPTION
2700408	Soupape thermique avec raccord femelle 1/8" Gaz <i>Thermal valve with female 1/8" Gas cuopling</i>
2700410	Soupape thermique avec raccord direct au cylindre <i>Thermal valve directly fitting to the cylinder</i>
2700413	Soupape de sélection dotée de raccord femelle 1/8" Gaz <i>Selector valve directly fitting to the cylinder 1/8" Gas cuopling</i>
2700412	Soupape de sélection avec raccord direct au cylindre <i>Selector valve with directly fitting to the cylinder</i>

## Dispositifs de réalisation (seul pour cylindre Ø 40 mm) / Actuating devices (only for cylinder Ø 40 mm)



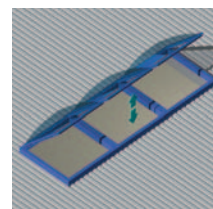
2700435



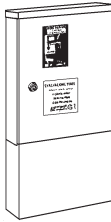
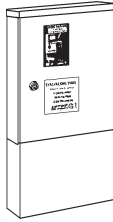
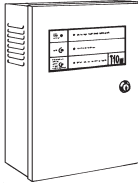



AMPOULE THERMOFUSIBLE  
THERMOFUSIBILE LAMPE

## DISPOSITIFS DE REALISATION (seul pour cylindre Ø 40 mm) / ACTUATING DEVICES (only for cylinder Ø 40 mm)

CODE CODE	DESCRIPTION DESCRIPTION
2700435	Vérin pyrotechnique <i>Pyrotechnical actuator</i>
2700431	Ampoule thermofusibile - réglage 68°C (rouge) <i>Thermofusibile Lampe - Fusing at 68°C (red)</i>
2700432	Ampoule thermofusibile - réglage 93°C (vert) <i>Thermofusibile Lampe - Fusing at 93°C (green)</i>
2700433	Ampoule thermofusibile - réglage 141°C (bleu) <i>Thermofusibile Lampe - Fusing at 141°C (blu)</i>
2700434	Ampoule thermofusibile - réglage 182°C (mauve) <i>Thermofusibile Lampe - Fusing at 182°C (mauve)</i>



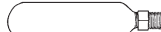



## Dispositifs de commande à distance / Remote controls

			
2700415	2700416	2700436	2700640
			
2700061	2700638		

### DISPOSITIFS DE COMMANDE À DISTANCE (seul pour cylindre Ø 40 mm) / REMOTE CONTROLS (only for cylinder Ø 40 mm)

CODE CODE	DESCRIPTION DESCRIPTION
2700415	Box grand ouverture/fermeture <i>Large box - opening/closing</i>
2700416	Box grand uniquement ouverture <i>Large box - only opening</i>
2700436	Centrale détection commande - 1 canal <i>Unit for detection and control - 1 channel</i>
2700640	Batterie 12V - 1,9 AH <i>1,9 AH - 12V battery</i>
2700061	Détecteur de fumée optique - 2 fils <i>Optical smoke detector - 2 Wires</i>
2700638	Détecteur de température 60°C <i>60° C temperature detector</i>

### Bouteille CO2 (seul pour cylindre Ø 40 mm) / CO2 Cylinder (only for cylinder Ø 40 mm)

   		
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### BOUEILLE CO2 (seul pour cylindre Ø 40 mm) / CO2 CYLINDER (only for cylinder Ø 40 mm)

CODE CODE	DESCRIPTION DESCRIPTION
2700418	Bouteille CO2 g. 20 temp. 70°C <i>CO2 cylinder gr. 20 (fitting to valve) - Max temperature 70°C</i>
2700420	Bouteille CO2 g. 30 temp. 70°C <i>CO2 cylinder gr. 30 (fitting to valve) - Max temperature 70°C</i>
2700422	Bouteille CO2 g. 50 temp. 70°C <i>CO2 cylinder gr. 50 (fitting to valve) - Max temperature 70°C</i>
2700424	Bouteille CO2 g. 75 temp. 45°C <i>CO2 cylinder gr. 75 (to be used with box) - Max temperature 45°C</i>
2700425	Bouteille CO2 g. 100 temp. 45°C <i>CO2 cylinder gr. 100 (to be used with box) - Max temperature 45°C</i>
2700426	Bouteille CO2 g. 200 temp. 45°C <i>CO2 cylinder gr. 200 (to be used with box) - Max temperature 45°C</i>
2700427	Bouteille CO2 g. 300 temp. 45°C <i>CO2 cylinder gr. 300 (to be used with box) - Max temperature 45°C</i>
2700429	Bouteille CO2 g. 500 temp. maxi 45°C (version courte) <i>CO2 cylinder gr. 500 (to be used with box) - Max temperature 45°C (short version)</i>