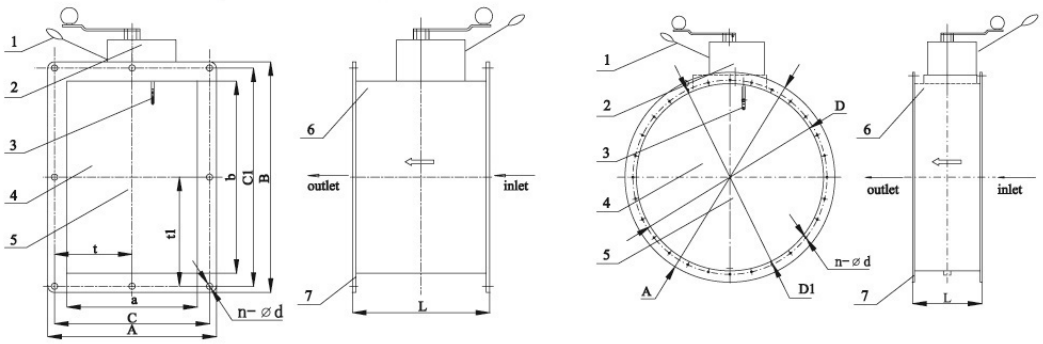
CFH-S CFHD-S TYPE MARINE MANUAL FIRE DAMPER

1. Features

- Fire damper is open in normal condition;
- If the temperature of air within damper duct exceeds 70±3℃,the fusible link of fire damper will be broken to close the fire damper;
- Handle steel dragline could shut off the fire damper locally, the dragline is 1.5m in length;
- The electrical signal could be output according to user's requirement;
- Fire damper should be reset manually;

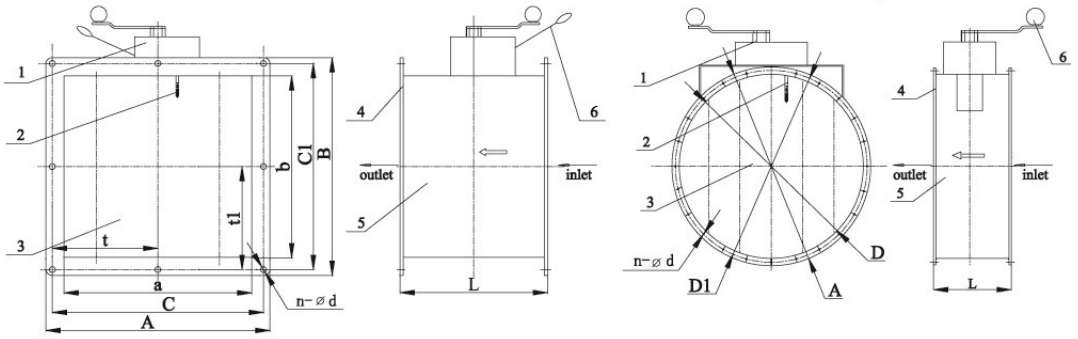
2. Outline drawing



1.handle dragline 2.manual actuator 3.temperature inductor 4.valve plate 5.main axle 6.valve body 7.flange

1
（Rectangular single-blade）

2
（Circular single-blade）



1.manual actuator 2.temperature inductor 3.valve plate 4.flange 5.valve body 6.handle dragline

3
（Rectangular multi-blades）

4
（Circular multi-blades）

3. Type & Parameter

1 Rectangular single-blade manual fire damper

Type	axb	L	Flange size
CFH-S axb	100x100~500x700	≥250	GB1561-79 According to GB1561-79

2 Circular single-blade manual fire damper

Type	D	L	Flange size
CFH-S ΦD	100~500	≥250	GB1561-79 According to GB1561-79

3 Rectangular multi-blades manual fire damper

Type	axb	L	Flange size
CFHD-S axb	300x400~1600x2000	≥250	GB1561-79 According to GB1561-79

4 Circular multi-blades manual fire damper

Type	D	L	Flange size
CFHD-S ΦD	300~1800	≥300	GB1561-79 According to GB1561-79

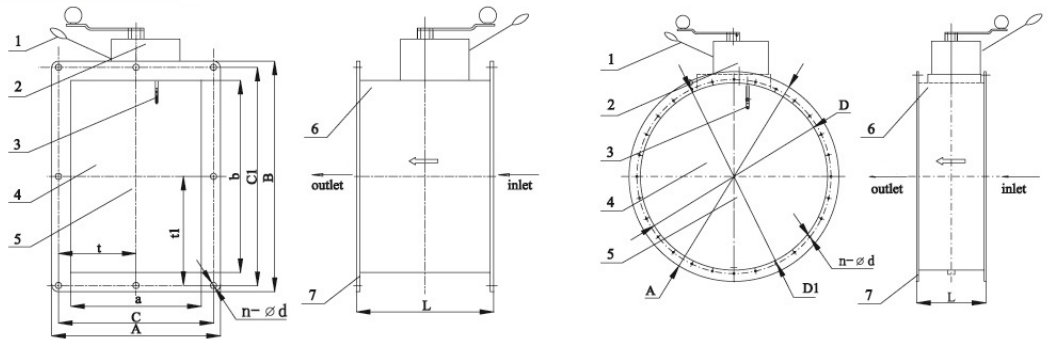
Note: Flange size of all fire dampers could be fabricated according to user's requirement.

CFH-S CFHD-S TYPE MARINE MANUAL FIRE DAMPER

1. Features:

- Fire damper is open in normal condition;
- If the temperature of air within damper duct exceeds 70±3℃,the fusible link of fire damper will be broken to close the fire damper;
- Handle steel dragline could shut off the fire damper locally, the dragline is 1.5m in length;
- The electrical signal could be output according to user's requirement;
- Fire damper should be reset manually;

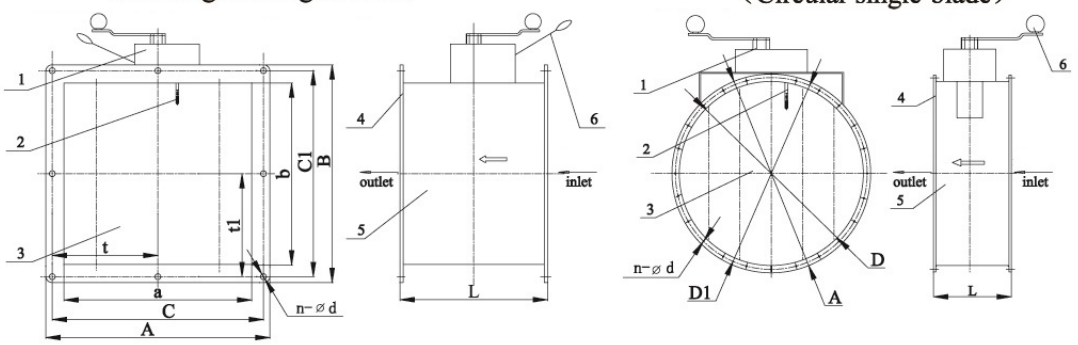
2. Outline drawing



1.handle dragline 2.manual actuator 3.temperature inductor 4.valve plate 5.main axle 6.valve body 7.flange

1
（Rectangular single-blade）

2
（Circular single-blade）



1.manual actuator 2.temperature inductor 3.valve plate 4.flange 5.valve body 6.handle dragline

3
（ Rectangular multi-blades）

4
（Circular multi-blades）

3. Type & Parameter

1 Rectangular single-blade manual fire damper

Type	axb	L	Flange size
CFH-S axb	100x100~500x700	≥250	GB1561-79 According to GB1561-79

2 Circular single-blade manual fire damper

Type	D	L	Flange size
CFH-S ΦD	100~500	≥250	GB1561-79 According to GB1561-79

3 Rectangular multi-blades manual fire damper

Type	axb	L	Flange size
CFHD-S axb	300x400~1600x2000	≥250	GB1561-79 According to GB1561-79

4 Circular multi-blades manual fire damper

Type	D	L	Flange size
CFHD-S ΦD	300~1800	≥300	GB1561-79 According to GB1561-79

Note: Flange size of all fire dampers could be fabricated according to user's requirement.

CFH-D　CFHD-D TYPE MARINE ELECTRICAL FIRE DAMPER

1. Features

- Control voltage DC24V/AC220V/AC110V is supplied, the fire damper should normal open and close on outage.

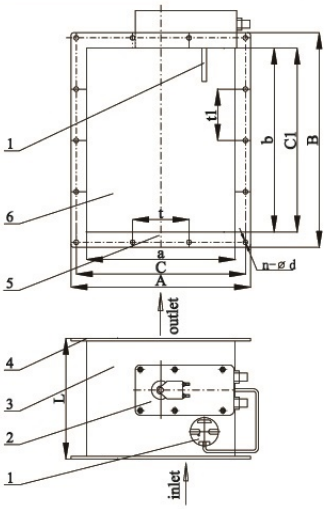
- Central control room can cut off the electric source to close the fire damper in emergency, and reconnect the power to open the fire damper again.

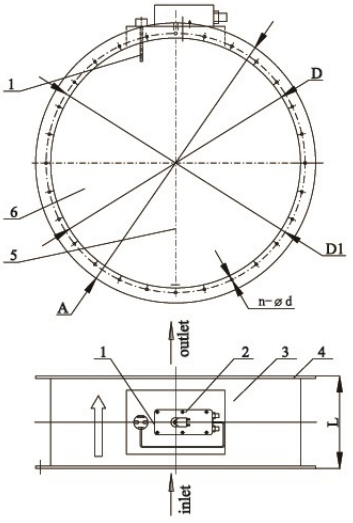
- If the temperature of air within damper duct exceeds 70±3℃ or outside air temperature around duct near 95℃, the fusible link of fire damper will be broken and cut off the control electrical power to close the fire damper.

- On/Off signal output when the fire damper is open/close.

- Each fire damper is supplied with one electrical control box to control on/off operation of the fire damper locally or remotely.

2. Outline drawing

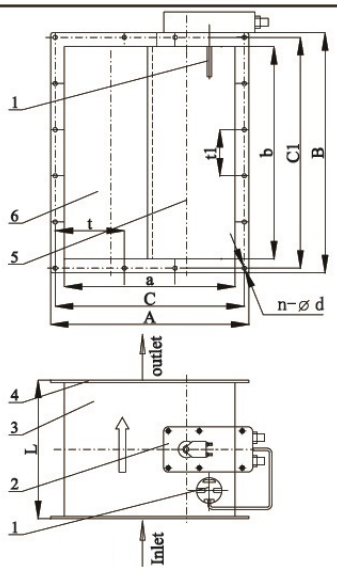


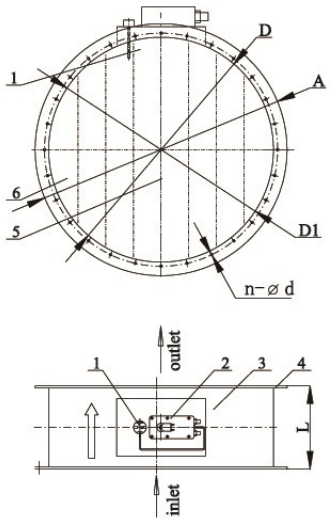


1.temperature inductor 2.electrical actuator 3.valve body 4.flange 5.main axle 6.valve palte

1
（Rectangular single-blade）

2
（Circular single-blade）





1.temperature inductor 2.electrical actuator 3.valve body 4.flange 5.main axle 6.valve palte

3 （Rectangular multi-blades）

4 （Circular multi-blades）

3. Supply Scope

1) Electrical control box 1set

2) Junction box 1set

User should clearly specify in order list if have special requirement.

4. Type & Parameter

1 Rectangular single blade electrical fire damper

Type	axb	L	Flange size
CFH-D axb	100x100~500x700	≥250	GB1561-79 According to GB1561-79

2 Circular single blade electrical fire damper

Type	D	L	Flange size
CFH-D ΦD	100~500	≥250	GB1561-79 According to GB1561-79

3 Rectangular multi-blades electrical fire damper

Type	axb	L	Flange size
CFHD-D axb	300x400~1600x2000	≥250	GB1561-79 According to GB1561-79

4 Circular multi-blades electrical fire damper

Type	D	L	Flange size
CFHD-D ΦD	300~1800	≥300	GB1561-79 According to GB1561-79

Note: Flange size of all fire dampers could be fabricated according to user's requirement.

CFH-Q CFHD-Q TYPE MARINE PNEUMATIC FIRE DAMPER

1. Features

- The fire damper should normal open on getting compressed air & electric power, and should be close on loss of compressed air or electric power. Pneumatic operating pressure is 0.5~0.8Mpa;

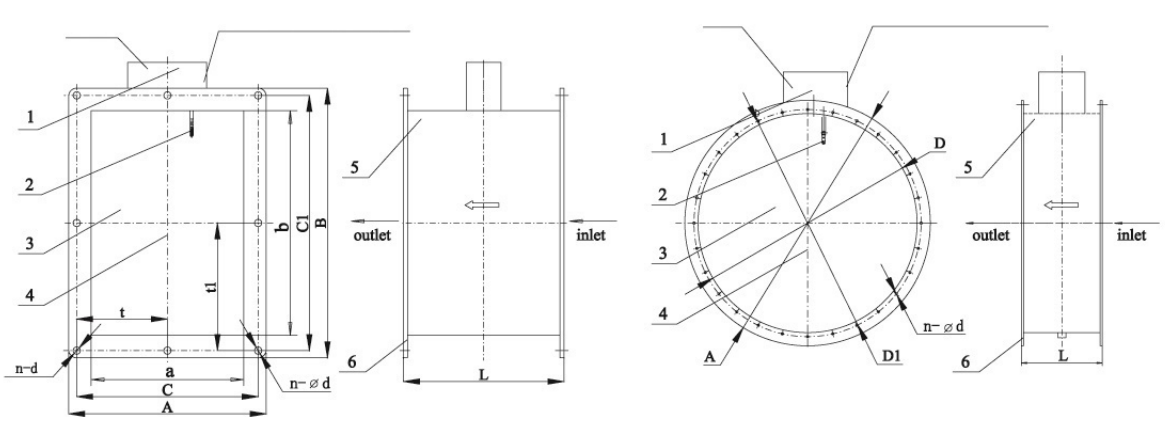
- If the temperature of air in damper duct exceeds 70±3℃, the fusible link of fire damper will be broken and the change valve will cut off the compressed air source to close the fire damper;

- On/off status of control electric source for solenoid change valve could be controlled locally or remotely, thus open/close the fire damper;

- Manual change valve can be controlled by handle dragline, and the fire damper can close locally or remotely.

- On/Off signal output when the fire damper is on/off.

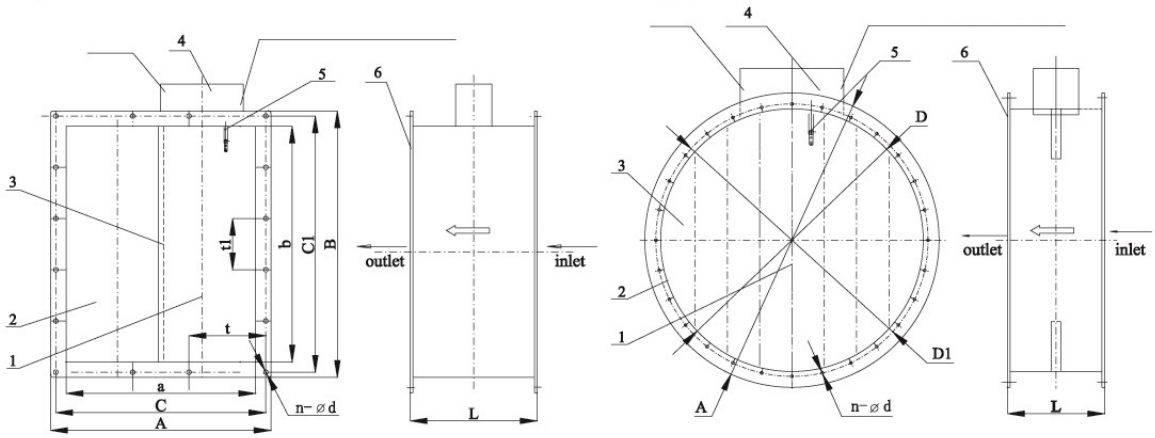
2. Outline drawing



1.pneumatic actuator assemblage 2.temperature inductor 3.valve palte 4.main axle 5.valve body 6.flange

1
（Rectangular single-blade）

2
（Circular single-blade）



1.main axle 2.valve body 3.valve plate 4.pneumatic actuator assembled 5.temperature inductor 6.flange

3
（Rectangular multi-blades）

4
（Circular multi-blades）

3. Supply Scope

1) Electrical control box 1set
2) Junction box 1set
3) Pneumatic actuator system 1set (include: Cylinder, change valve, solenoid valve, manual change valve each)
4) The material of cylinder should be aluminum alloy or stainless steel according to user's requirement

4. Type & Parameter

1 Rectangular single blade pneumatic fire damper

Type	axb	L	Flange size
CFH-Q axb	100x100~500x700	≥250	GB1561-79 According to GB1561-79

2 Circular single blade pneumatic fire damper

Type	D	L	Flange size
CFH-Q ΦD	100~500	≥250	GB1561-79 According to GB1561-79

3 Rectangular multi-blades pneumatic fire damper

Type	axb	L	Flange size
CFHD-Q axb	300x400~1600x2000	≥250	GB1561-79 According to GB1561-79

4 Circular multi-blades pneumatic fire damper

Type	D	L	Flange size
CFHD-Q ΦD	300~1800	≥300	GB1561-79 According to GB1561-79

Note: Flange size of all fire dampers could be fabricated according to user's requirement.