

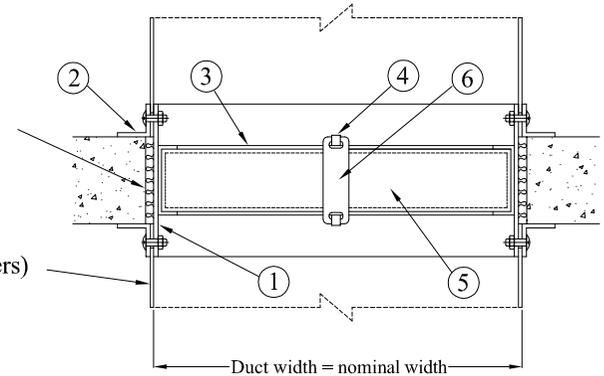
No	Descriptions	Materials
1	Damper Sleeve	Galvanised Steel or Stainless Steel 2.5 thk.
2	Retaining Angle	Galvanised Steel or Stainless Steel 2.5 thk.
3	Damper Frame	Galvanised Steel or Stainless Steel 1.2 thk.
4	Fusible Link Bracket	Galvanised Steel or Stainless Steel 1.5 thk.
5	Blade	Galvanised Steel or Stainless Steel 1.0 thk.
6	Fusible Link	Rated at 74°C
7	Spring	Stainless steel SUS304

Submittal

Floor mounted damper Model RC400H-A

Expansion gap filled with high temperature insulation at all round (by others)

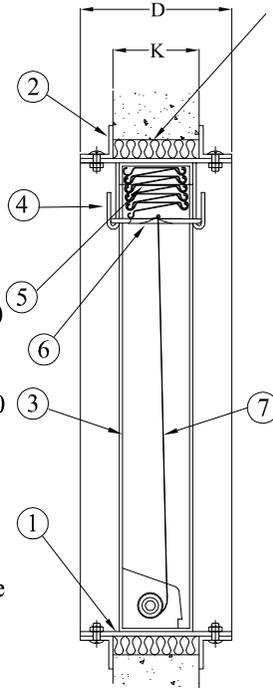
Connection duct (by others)



Section Y-Y

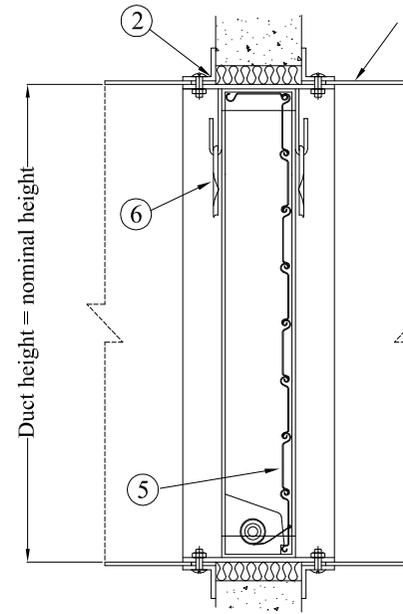
Expansion gap filled with high temperature insulation at all round (by others)

Connection duct (by others)



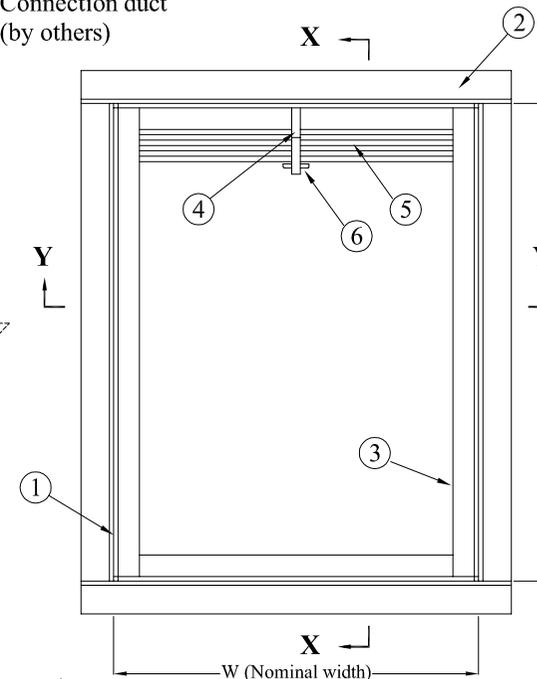
Section X-X

(Damper in open position)



Section X-X

(Section showing duct connection and damper is in close position)



Notes:

- Damper are available in single or multiple modules in 1 and 2 rows assembly.
- Min. size: 150 (W) x 150 (H) mm
Max. size for single module: 1200 (W) x 1686 (H) mm
Max. multiple module (2x2): 2400 (W) x 3373 (H) mm

3. K: Floor thickness
D: K + 76 mm

4. Floor opening = damper size x 1.01 + 10 mm (GI)
Floor opening = damper size x 1.015 + 10mm (SS304/316)

Example:

For galvanized steel damper with nominal size 800 (W) x 600 (H), the opening size shall be calculated as follows:

$$800 \times 1.01 + 10 = 818 \text{ mm}$$

$$600 \times 1.01 + 10 = 616 \text{ mm}$$

hence, min. opening size = 818 (W) x 616 (H) mm.

For small damper with expansion gap smaller than 19mm, the max. opening size may be based on the expansion gap of 19mm.

Hence max. opening size = 838 (W) x 638 (H) mm.

In the interest of product improvement, we reserved the right to make change without notice.

All dimensions are in mm

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Title:

**4 hours rated curtain type floor mounted fire damper
- Model RC400H-A**

Dwn. By:	Edward Chan	Date:	17/12/2019	Scale:
Chk. By:	Han Jee	Dwg. No.:	DAXEP008-R2	N.T.S
App. By:	Wong wong			