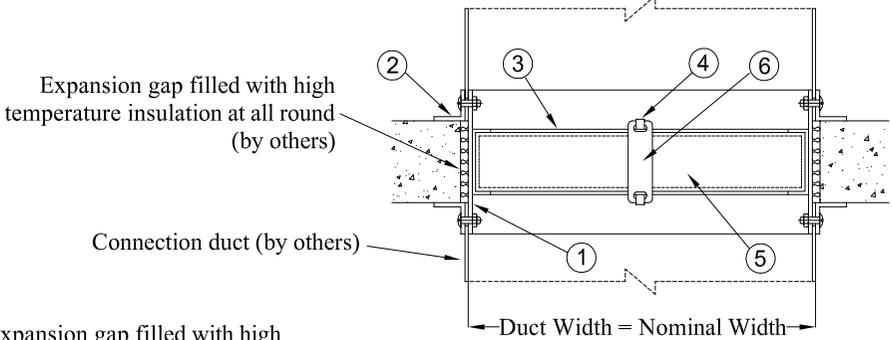


No	Descriptions	Materials
1	Damper Sleeve	Galvanised Steel or Stainless Steel 1.5 - 2.5 thk.
2	Retaining Angle	Galvanised Steel or Stainless Steel 1.5 - 2.5 thk.
3	Damper Frame	Galvanised Steel or Stainless Steel 1.2 thk.
4	Fusible Link Bracket	Galvanised Steel or Stainless Steel 1.5 thk.
5	Blade	Galvanised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

Submittal

Wall mounted damper Model RC400V-A



Section Y-Y

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

Connection duct (by others)

Duct Width = Nominal Width

Notes:

- Damper are available in single or multiple modules in 1, 2, and 3 rows assembly, depending on wall type.
- Min. size: 150 (W) x 150 (H) mm
Max. size:

Single module: 1500 (W) x 1500 (H) mm

Damper above size 1500 (W) x 1500 (H) may be supplied in multiple modules

- K: Wall thickness
D: K + 76 mm

- Wall opening = damper size x 1.01 + 10 mm (GI)
Wall opening = damper size x 1.015 + 10mm (SS304/316)

Example:

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

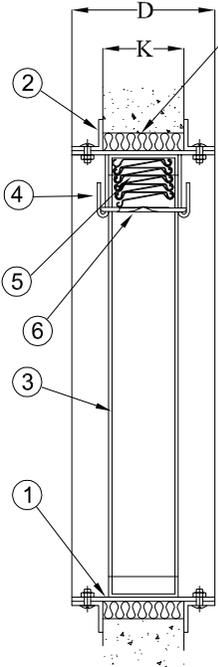
$$800 \times 1.01 + 10 = 818 \text{ mm}$$

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

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.



Section X-X

(Damper in open position)

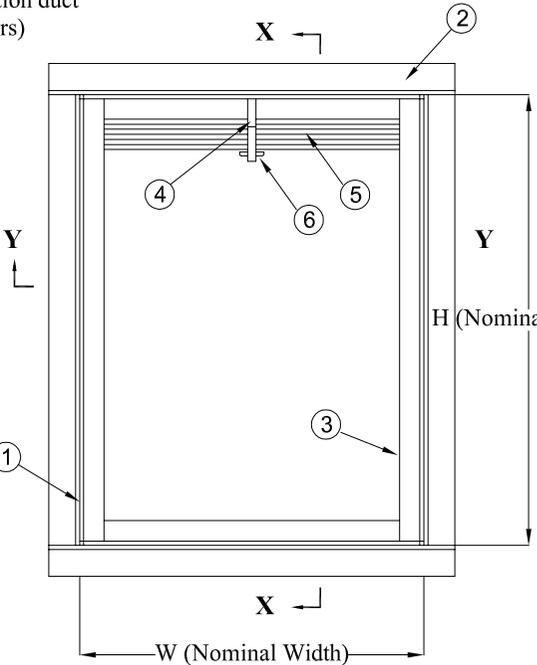
Expansion gap filled with high temperature insulation at all round (by others)

Connection duct (by others)

Duct Height = Nominal Height

Section X-X

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



W (Nominal Width)

H (Nominal Height)

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

All dimensions are in mm

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Title :
4 hours rated curtain type wall mounted fire damper
- Damper with duct collar (Model RC400V-A)

Dwn. By :	Edward Chan	Date :	17/12/2019	Scale :
Chk. By :	Han Jee	Dwg. No. :	DAXEP001-R3	N.T.S
App. By :	Wong wong			