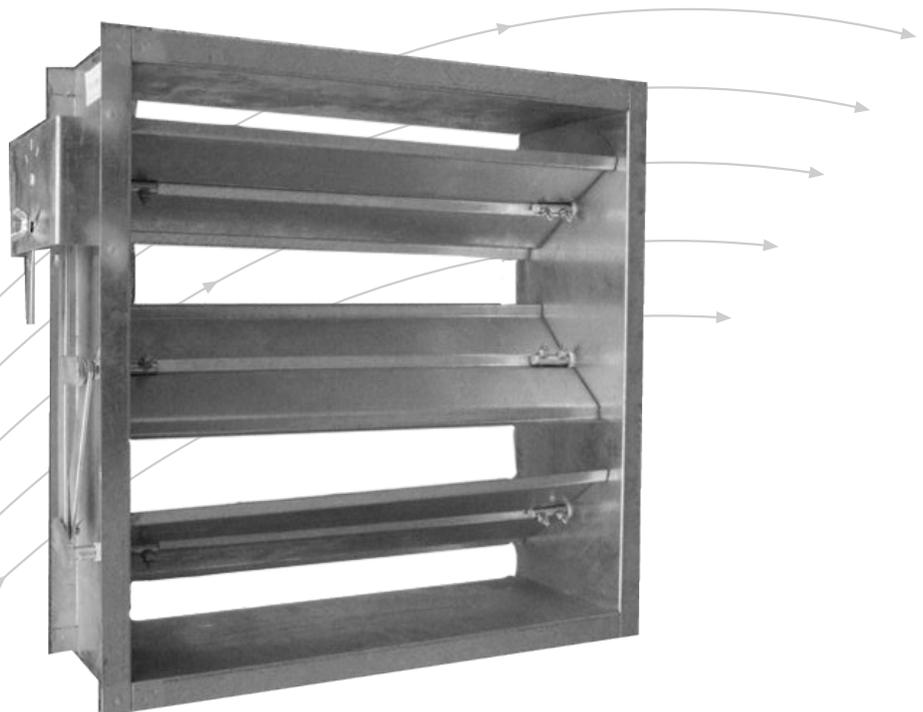


# Multi-Leaf Damper

Type JS



**TROX<sup>®</sup> TECHNİK**

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# Description

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The Multi-leaf damper is used primarily for volume control. It consists of a formed channel section frame, containing linked single skin formed blades, which can be arranged for either opposed or parallel operation. The unit is operated by an external lever which is suitable for connection to electric or pneumatic actuators, or to a locking quadrant for hand operation.

## Construction:

Casing and blades are made from galvanised sheet steel:

casing = 1,0mm

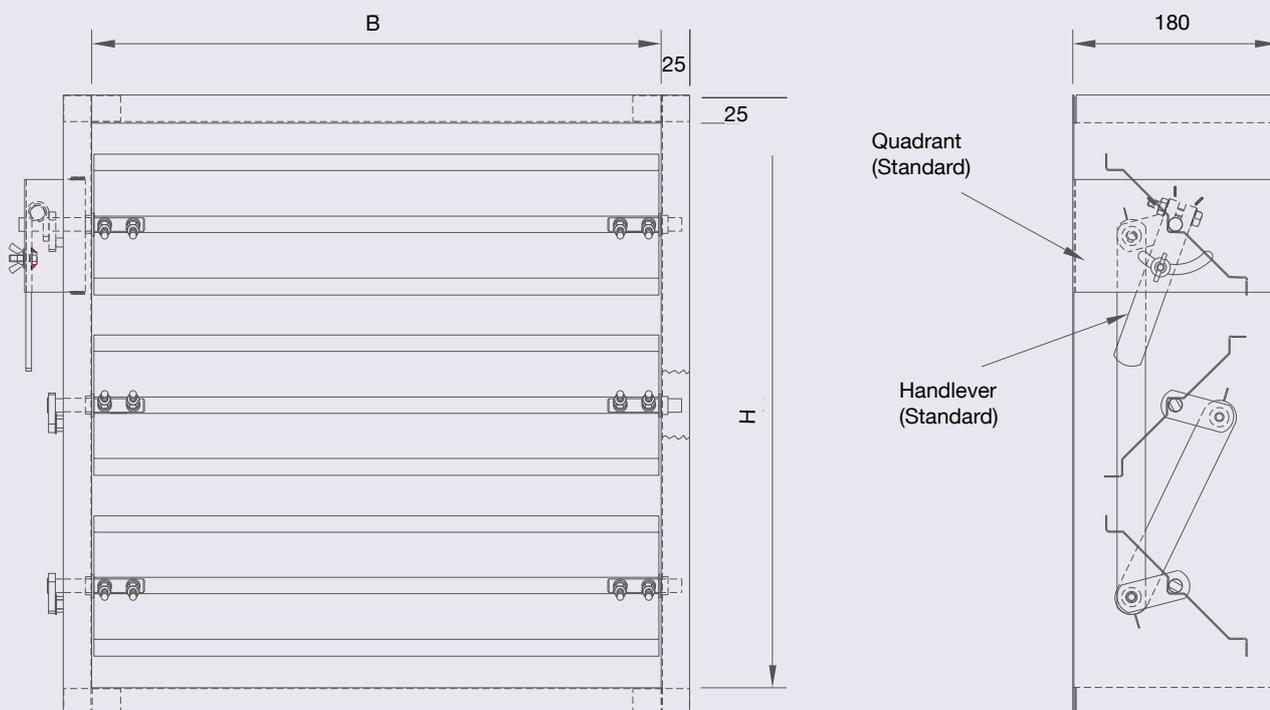
blades = 1,0mm

Blade spindles and external linkages are made from galvanised steel.

Plain bushes are made from ACETAL RESIN (max temp 110°) but can be made of brass if requested.

Drive arm is made from galvanised steel. (An extended spindle can be supplied as an option for use by the client. However, this is standard when the damper is supplied with an electric or pneumatic actuator).

Locking quadrant may be supplied as an option. The locking quadrant is used in conjunction with a U-channel for manual positioning and locking of the blade position. Actuators (if ordered) will be supplied and mounted on all dampers of single construction. Where dampers are split (see config 1 & 2 on page 3) the actuator will be supplied separately with mounting bracket for assembly on site by others.

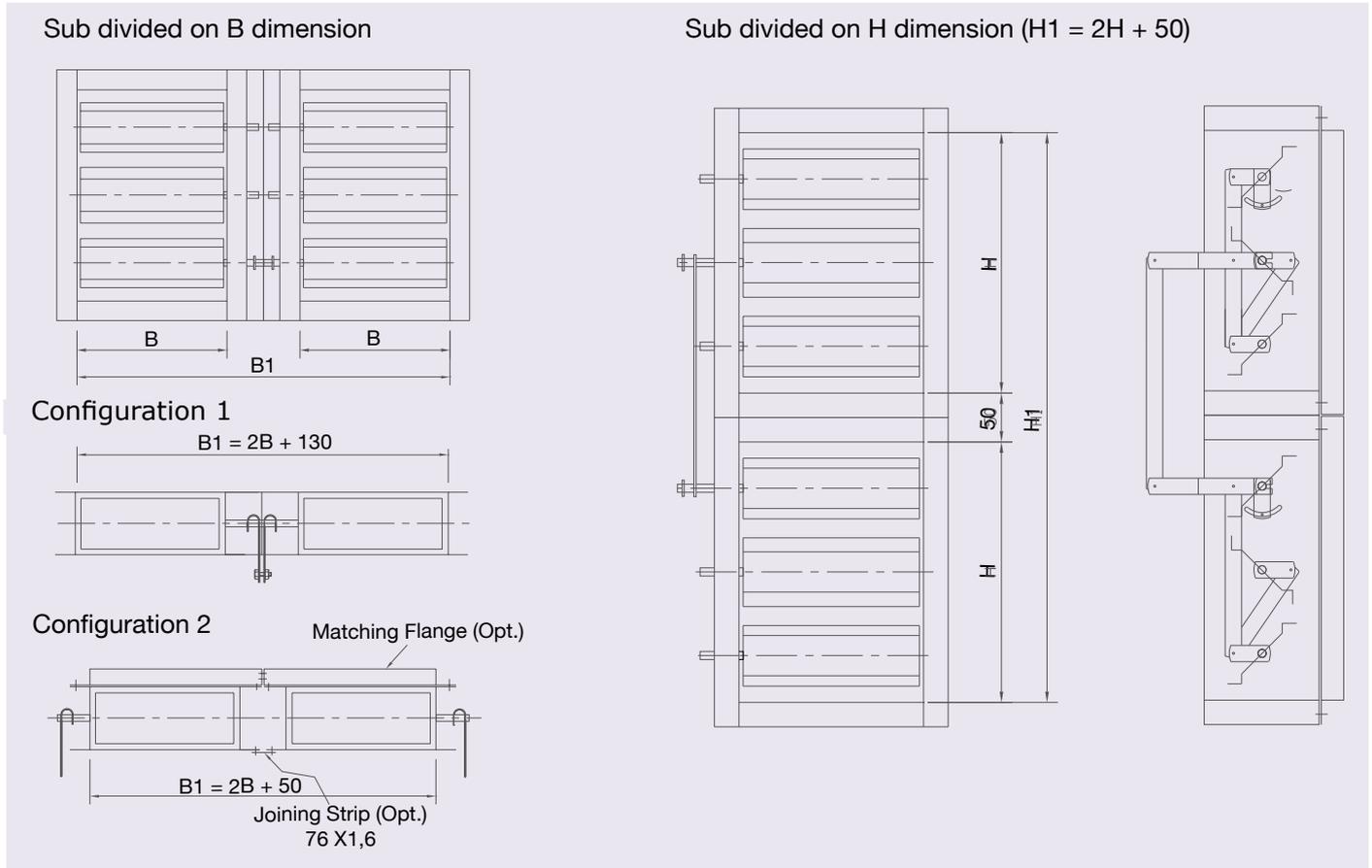


# Construction & Installation

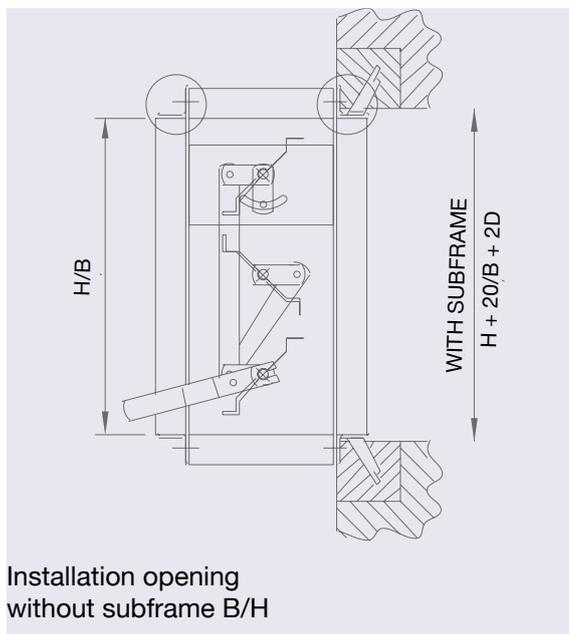
Where the B and H dimensions are greater than 1200, 2 dampers will be supplied for installation side by side or one above the other. They may be installed either with or without a masonry subframe.

Configuration 1: The actuator can be fitted by others on site.

Configuration 2: Acuator can be fitted by others on site, where actuators drive individual sections.



## Installation Details



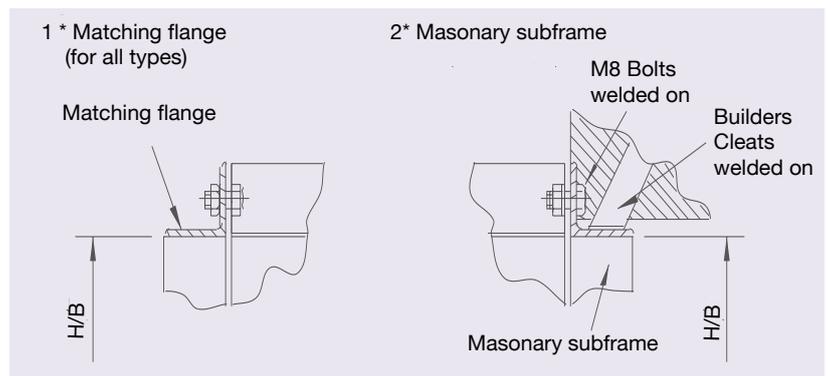
Dampers are mounted using M8 bolts, making for easy de-mounting and re-installation (See figs 1 & 2 below).

Scope of supply for masonry sub-frames:

Masonry sub-frame made from galvanised steel 40 x 40 x 3 angle with welded builders cleats. Galv bolts, nuts and washers are supplied for assembly by others.

Scope of supply for matching flange:

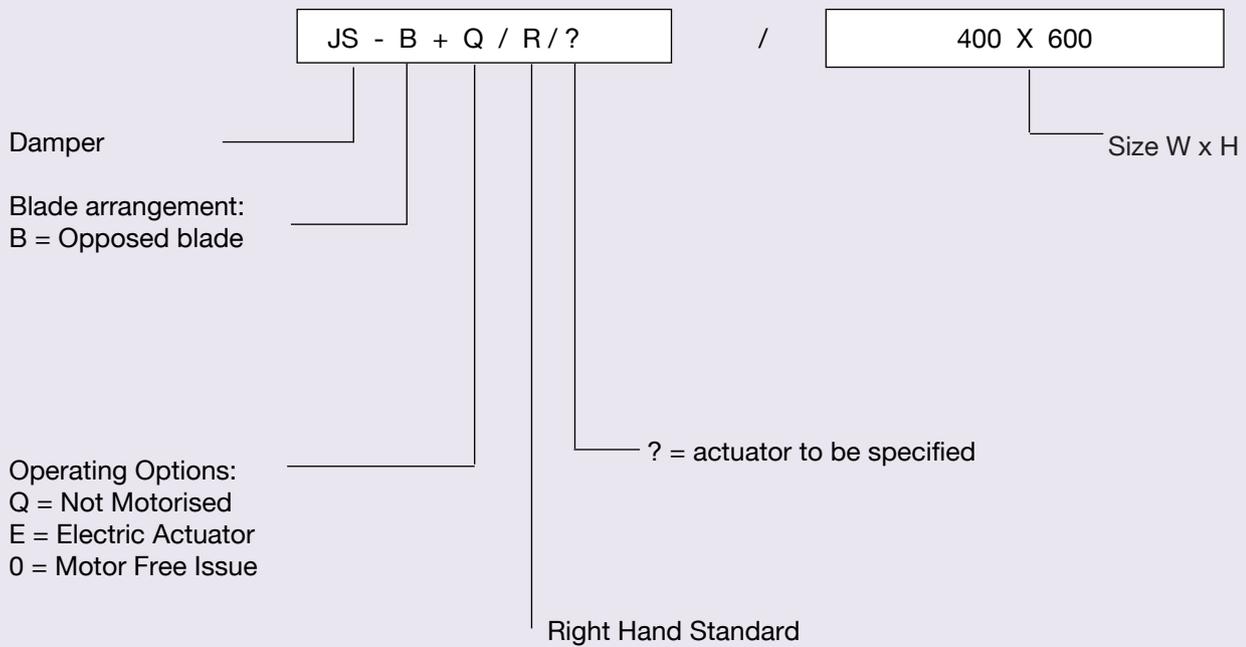
Matching flange made from galvanised steel 40 x 40 x 3 angle. Galvanised bolts, nuts and washers are supplied for assembly by others.



# Order Details



Order Code JS



Order Example:

Make: TROX

Type : JS - B - E / R / LM230A / 400 X 600