

# (ROBS) Round Opposed Blade Sealed Damper

## Description:

The ROBS is our round opposed blade sealed damper designed to fit inside pipe sizes ranging from 16" to 48" round. The welded 2" deep frame is undersized 1/4" for ease of installation, the damper blades are a formed 16ga galvanized steel with linkage in the airstream for better blade operation. To keep leakage to a minimum we have installed spring stainless steel to the side jambs, BES vinyl seals on the blades and neoprene gasket on the frame for the curved edge of the blade to seal up tightly against.

## Standard Construction:

List damper as duct size – damper will be 1/4" smaller

<b>Frame:</b>	2" x 10ga galvanized - welded
<b>Blades:</b>	16ga galvanized formed steel
<b>Bushings:</b>	1/2" round bronze oilite
<b>Control rods/axes:</b>	1/2" round plated steel
<b>Hardware:</b>	Plated and riveted with 1/4" linkage

## Sealed Damper Construction:

Side seals:	304 spring stainless steel
Blade seals:	BES vinyl self sealing
	Neoprene gasket for curved edge

## Damper Sizes:

Damper size	Number of blades
16" round to 18" round	2 blades
20" round to 30" round	3 blades
32" round to 44" round	5 blades
46" round to 48" round	7 blades

## Material Options:

**Galvanized:** Our Standard Construction

**Aluminum:** Aluminum with stainless steel set screws/bronze bushings

**Stainless steel:** All stainless steel

## Options:

Nylon bushings

Sleeves – with or without motor mounts

Belimo – electric actuators (See PDF Belimo actuators)

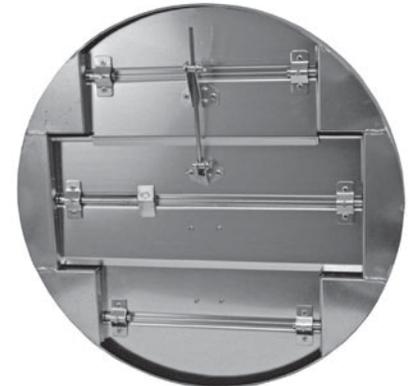
Quadrants

## Quadrants Options:

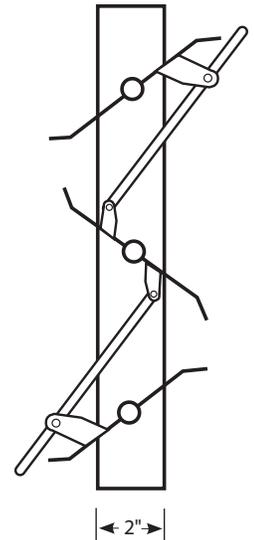
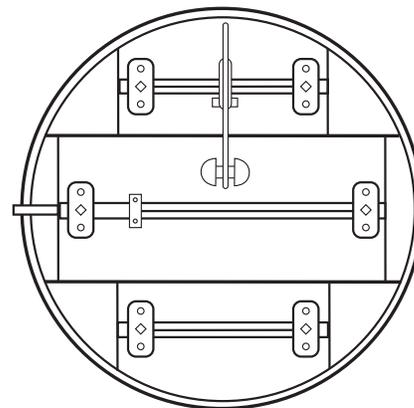
Galvanized or stainless steel (both with cast handles)

Quadrants for round dampers are on a 2" standoff of galvanized, stainless steel or aluminum.

Multi Blade: 16" & Up



Model: ROBS  
Round Opposed Blade  
Sealed Damper



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