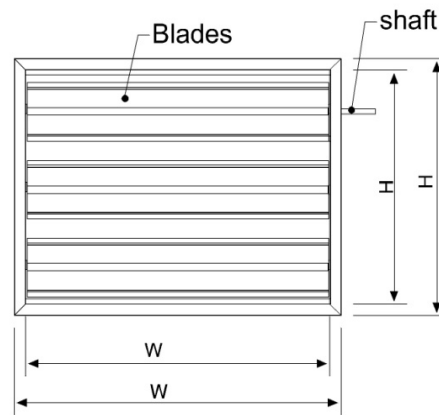
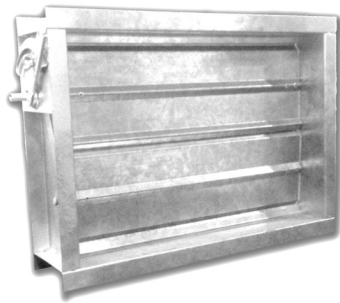




## FLANGE TYPE ( SARA-VDF )

### VDF SECTION DETAILS

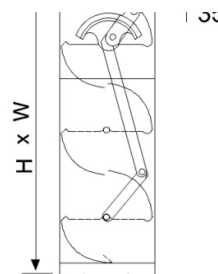
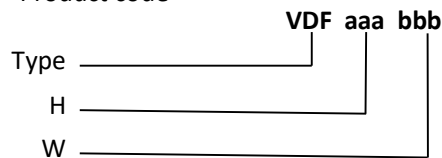


### DESCRIPTION

Volume control damper are designed to suit client individual requirements, maintain and safe air flow level in ventilation system.

#### Ordering

Product code



Opposite Blade

### SPECIFICATION

- Parallel volume control damper
- Opposed volume control damper

Frame: Manufactured from galvanized formed steel channel G90 150mmx35x1.2mm (18Ga)

Blades: Galvanized steel (1.0mm) (20 Ga)

Bushings: Self oiling bronze bushings 12.7mm diameter

Bearing Pin: Plated steel rod 12.7mm diameter

VDF Available – Parallel or opposed blasé  
 - Manual Quadrant or motorized

Damper up to 305mm high are single blade construction otherwise will be multiblade damper

Damper size 1200x1200mm is manufactured as single section bigger sizes will be multiple sections

W mm	H mm	Number of Blades
100	100	1
150	150	1
200	200	1
250	250	1
300	300	1
350	350	2
400	400	2
450	450	2
500	500	3
550	600	3
600	700	4
650	800	4
700	900	5
750	1000	5
800	1100	6
850	1200	7
900	1300	7
950	1400	8
1000	1500	9
1050	1600	9
1100	1700	10
1200	1800	12

PRODUCT OPTION STAINLES STEEL

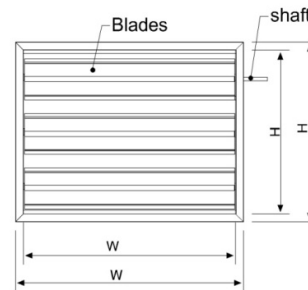
# SLEEVE TYPE ( SARA-VDS )



## VDS



**SECTION DETAILS**

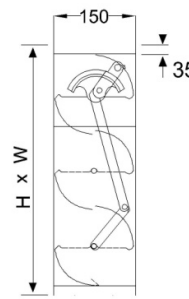
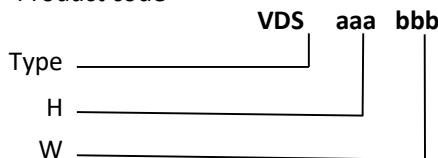


## DESCRIPTION

Volume control damper are designed to suit client individual requirements, maintain and safe air flow level in ventilation system.

### Ordering

Product code



## SPECIFICATION

- Parallel volume control damper
- Opposed volume control damper

Frame: Manufactured from galvanized formed steel channel G90 150mmx35x1.5mm (16Ga)

Blades: Galvanized steel (1.2mm) (18 Ga)

Bushings: Self oiling bronze bushings 12.7mm diameter

Bearing Pin: Plated steel rod 12.7mm diameter

- VDF Available
- Parallel or opposed blasé
  - Manual Quadrant or motorized

Damper up to 305mm high are single blade construction otherwise will be multiblade damper

Damper size 1200x1200mm is manufactured as single section bigger sizes will be multiple sections

**PRODUCT OPTION STAINLES STEEL**

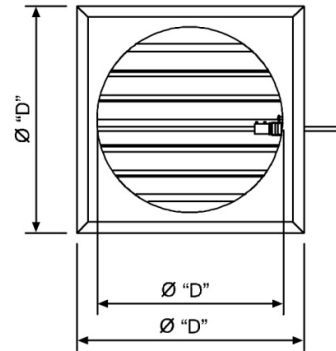
W in mm	H in mm	Number of Blades
100	100	1
150	150	1
200	200	1
250	250	1
300	300	1
350	350	2
400	400	2
450	450	2
500	500	3
550	600	3
600	700	4
650	800	4
700	900	5
750	1000	5
800	1100	6
850	1200	7
900	1300	7
950	1400	8
1000	1500	9
1050	1600	9



# ROUND SPIGOT DAMPER ( SARA-RSD)



## SECTION DETAILS

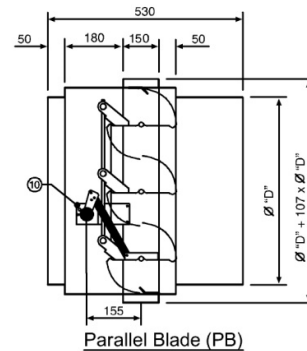
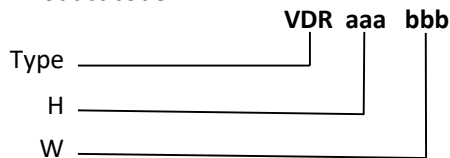


## SPECIFICATION

Volume control damper are designed to suit client individual requirements, maintain and safe air flow level in vent

### Ordering

Product code



## SPECIFICATION

- Parallel volume control damper
- Opposed volume control damper

Frame: Manufactured from galvanized formed steel channel G90 150mmx35x1.5mm (16Ga)

Blades: Galvanized steel (1.2mm) (18 Ga)

Bushings: Self oiling bronze bushings 12.7mm diameter

Bearing Pin: Plated steel rod 12.7mm diameter

- VDF Available
- Parallel or opposed blasé
  - Manual Quadrant or motorized

Damper up to 305mm high are single blade construction otherwise will be multiplied damper

Damper size 1200x1200mm is manufactured as single section bigger sizes will be multiple sections

PRODUCT OPTION STAINLES STEEL

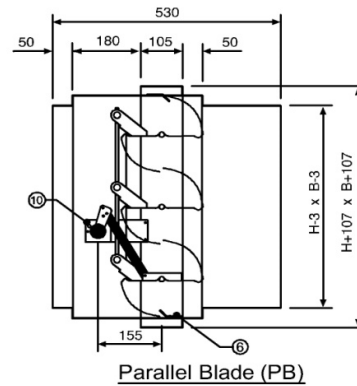
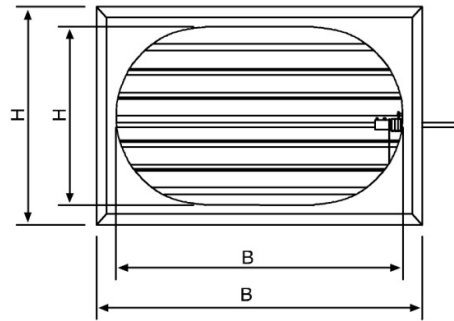
W in mm	H in mm	Number of Blades
550	550	3
600	600	4
650	650	4
700	700	5
750	750	5
800	800	6
850	850	7
900	900	7
950		
1000		
1050		
1100		
1200		



# OVAL SPIGOT DAMPER ( SARA-OSD )



## SECTION DETAILS

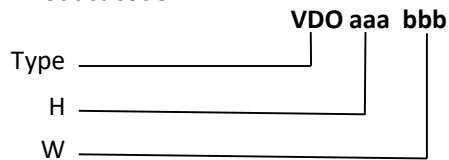


## DESCRIPTION

Volume control damper are designed to suit client individual requirements, maintain and safe air flow level in ventilation system.

### Ordering

Product code



## SPECIFICATION

- Parallel volume control damper
- Opposed volume control damper

Frame: Manufactured from galvanized formed steel channel G90 150mmx35x1.5mm (16Ga)

Blades: Galvanized steel (1.2mm) (18 Ga)

Bushings: Self oiling bronze bushings 12.7mm diameter

Bearing Pin: Plated steel rod 12.7mm diameter

VDF Available – Parallel or opposed blasé  
 - Manual Quadrant or motorized

Damper up to 305mm high are single blade construction otherwise will be multiplied damper

Damper size 1200x1200mm is manufactured as single section bigger sizes will be multiple sections

W in mm	H in mm	Number of Blades
100	100	1
150	150	1
200	200	1
250	250	1
300	300	1
350	350	2
400	400	2
450	450	3
500	500	3
550	600	3
600	700	4
650	800	4
700	900	5
750	1000	5
800	1100	6
850	1200	7
900	1250	7

VOLUME CONTROL DAMPER

PRODUCT OPTION STAINLES STEEL



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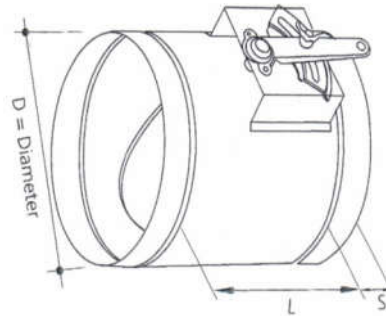
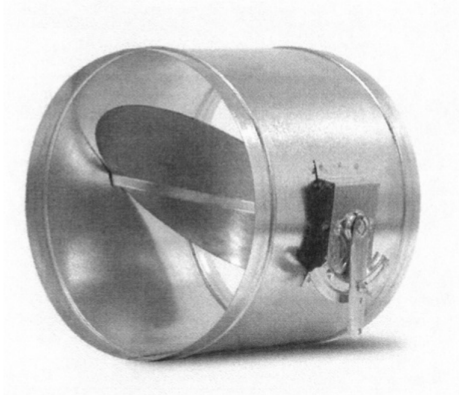


# ROUND VOLUME CONTROL DAMPER

( SARA-RVCD )



## SECTION DETAILS

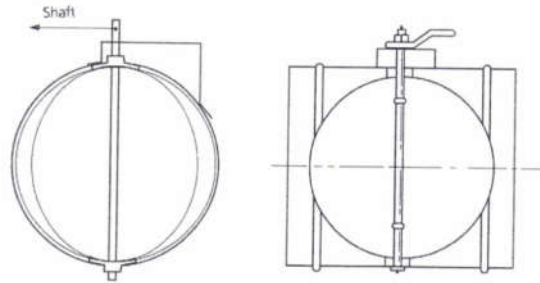
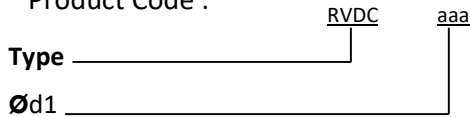


## SPECIFICATION

- Housing-made of galvanized steel materials Ga.20
- Blade-made of galvanized steel material Ga.18
- Bearing pin-plated steel rod 12.7mm diameter
- Bushing-self oiling bronze bushing 12.7mm diameter
- Quadrant; locking quadrant with position indicator

### Ordering

Product Code :



D	100	150	200	250	300	350	350	400	450	500	550	600
L	150	150	150	200	200	200	200	200	200	200	200	200

PRODUCT OPTION STAINLES STEEL

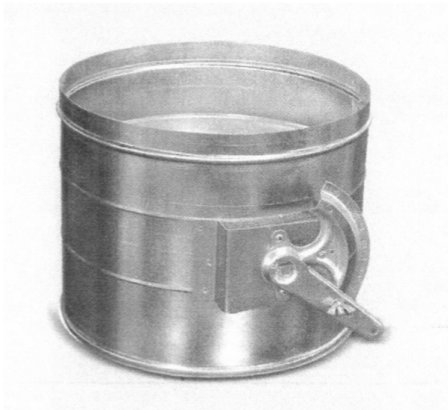
VOLUME CONTROL DAMPER



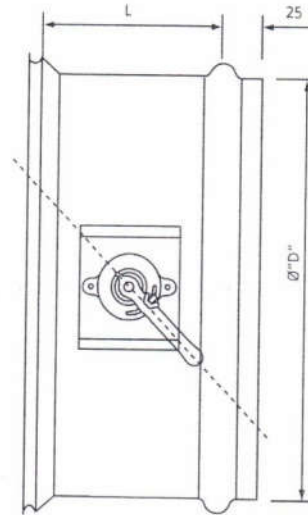


# SPIN COLLAR DAMPER

( SARA-SCD )



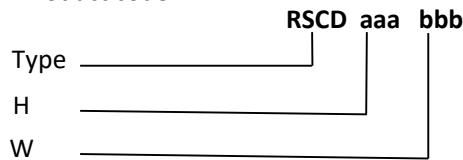
## DIMENSIONS



## DESCRIPTION

### Ordering

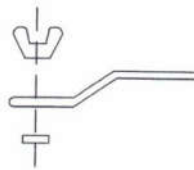
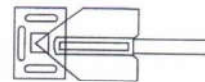
Product code



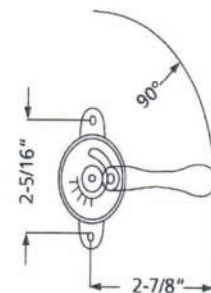
## SPECIFICATION

Standard Materials & Construction

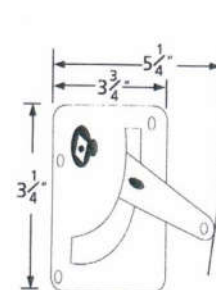
- Frame: 24 Gauge Galvanized Steel
- Blade: 20 Gauge Galvanized steel
- Operation: Hand quadrant fro manual operation with position indicator



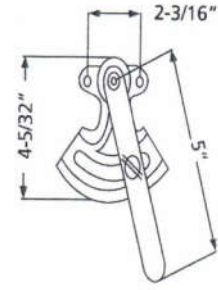
'RAPIT' REGULATOR UP TO Ø 150mm



1/4" DIAL REGULATOR SEATS & BEARING UP TO Ø 200mm



3/8" WEDGELOC" REGULATOR SEATS UP TO Ø 250mm



3/8" QUADRANT SETS Ø300mm & above

D	100	150	200	250	300	350
L	200	200	200	250	300	350

PRODUCT OPTION STAINLES STEEL

VOLUME CONTROL DAMPER

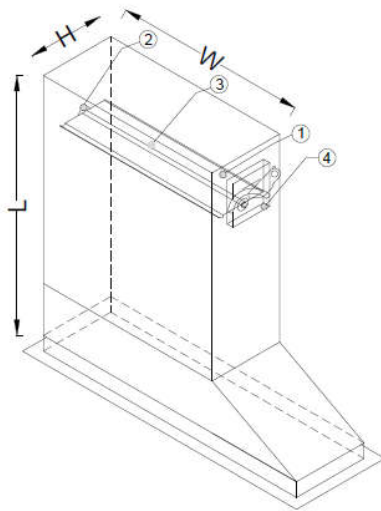


# SARA VOLUME CONTROL DAMPER

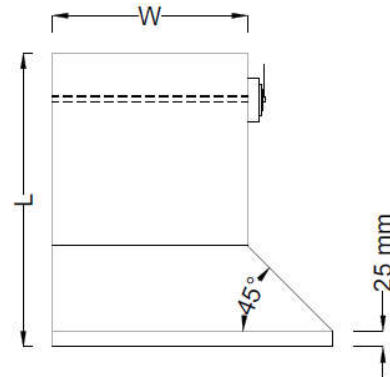
## TAKE OFF WITH VCD



Parallel Blades



Vertical Mounting



- 1) BLADES:  
Galvanized 1.20mm (18) galvanized steel
- 2) BUSHINGS:  
Self Oiling Bronze Bush 12.70mm Diameter
- 3) BEARING PIN:  
Plated steel rod 12.70mm
- 4) QUADRANT:  
Manual Quadrant or Motorizes

Damper up to 305mm high are single blades construction. Otherwise will be multiplied damper.

Damper size 1200 x 1200 mm is manufactured as a single section bigger sizes will be multiple sections

### Standard Sizes

- 500 x 100 – 300
- 500 x 100 – 350
- 500 x 100 – 400
- 500 x 150 – 300
- 600 x 100 – 300
- 600 x 100 – 350
- 600 x 100 – 400
- 600 x 150 – 300
- 600 x 150 – 350
- 600 x 150 – 400
- 600 x 150 – 450

PRODUCT OPTION STAINLES STEEL

VOLUME CONTROL DAMPER



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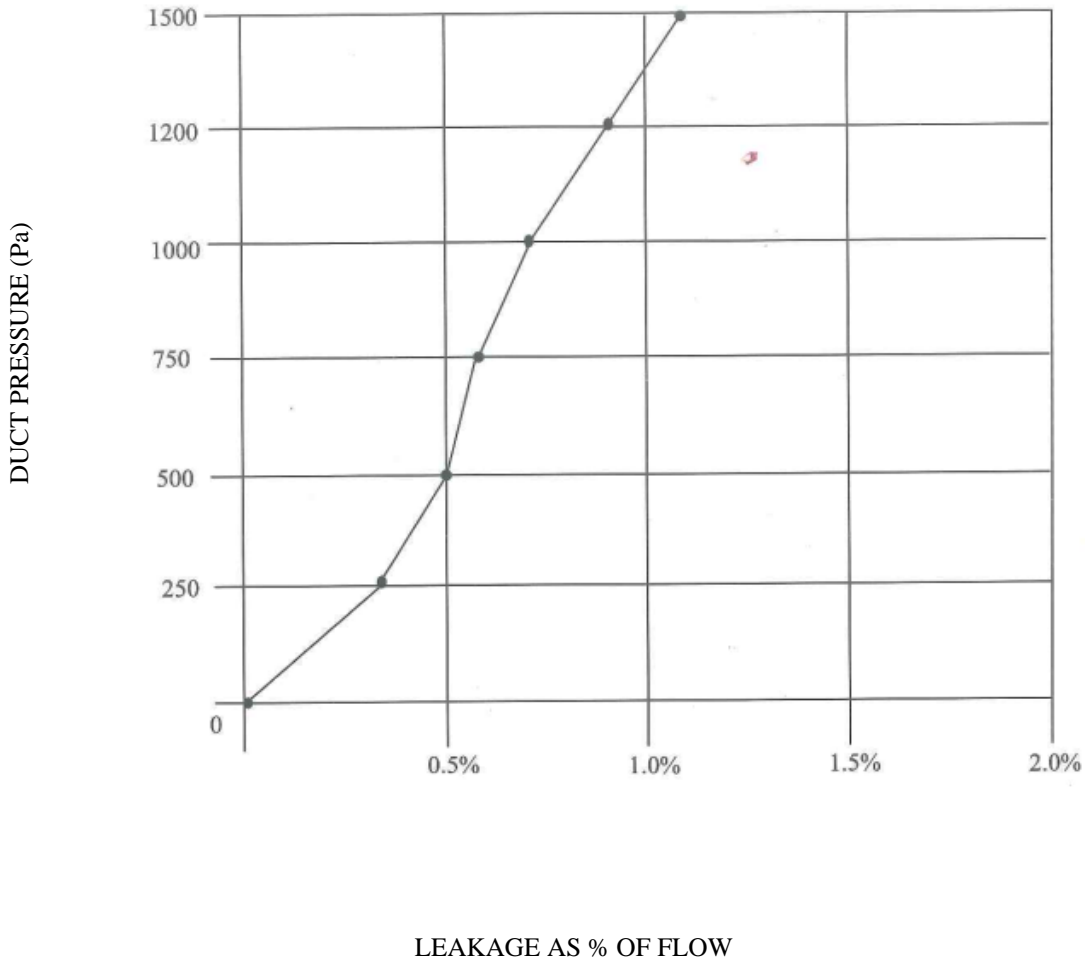
# SARA VOLUME CONTROL DAMPER

## PERFORMANCE CHART

### LEAKAGE DATA



VOLUME CONTROL DAMPER



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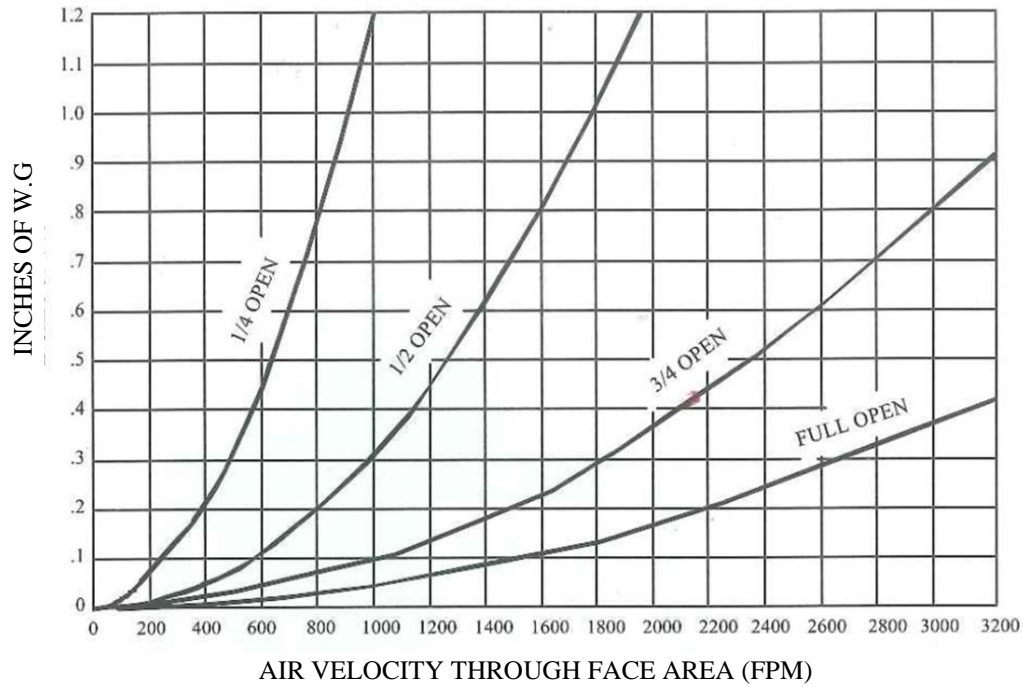


# SARA VOLUME CONTROL DAMPER



## PERFORMANCE CHART

### Pressure Drop Data for Parallel Volume Damper



### Pressure Drop Data for Opposed Volume Damper

