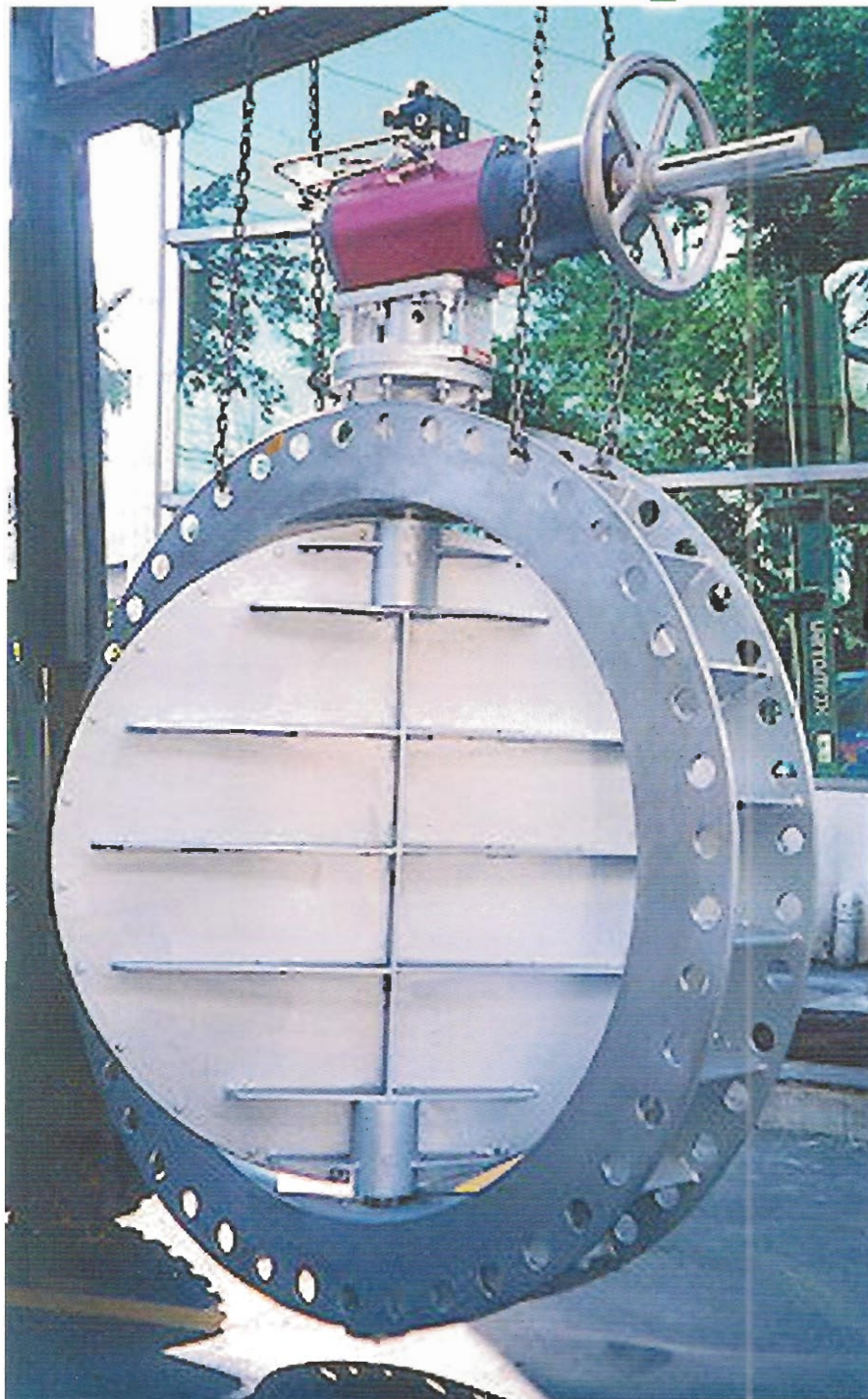




Value in Valving

# BUTTERFLY

# Damper Valve



*GEAR · PNEUMATIC  
ELECTRIC OPERATED.*



**VALUE VALVES CO., LTD.**  
[www.valuevalves.com](http://www.valuevalves.com)

**Value Valves Co., Ltd.** has been supplying a complete line of damper valves both metal seated and soft seated. This damper valve was designed to suit all corrosive and non-corrosive gas environments, high and low temperature service as well. The flange drilling could be made as customer's requirement.

### Design Features

- ◆ Five different kinds of seat design to meet all customer requirements.
- ◆ The shaft packing is fully adjustable and self-lubricating.
- ◆ Standard laying lengths confirm to ISO5752 and may be altered on customer requested.
- ◆ The thin profile disc design could offer high flow rate (Cv).
- ◆ The actuator mounting of damper valves confirm to ISO5211.
- ◆ Extended neck for isolation is available on requested.

### Material Selection

Body, Flange & Disc - Stainless steel F304, F316. Carbon steel  
 Stem - SS304, SS316.  
 Seat - Metal, Rubber & PTFE.

### Pressure rating

Max. shut off pressure - 1 bar (15 psi).

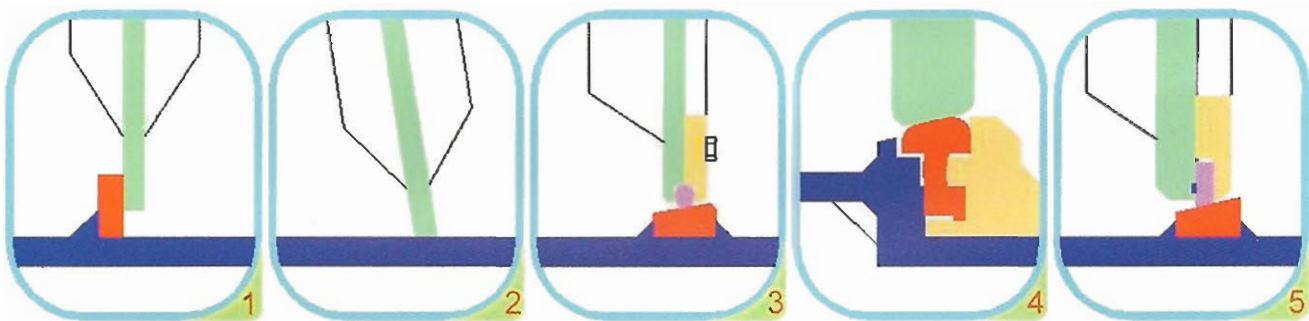
### Seat design -

**Stepping Seat** - Clockwise to close is standard. Suitable for maximum 3% leakage any temperature range. Provided service conditions are clean.

**Angle** - Clockwise to close is standard. Suitable for maximum 1% leakage where service conditions are clean and temperature is under 1093°C.

**Metal Seat** - Clockwise to close is standard. Suitable for leakage class VI where service conditions are clean and temperature is under 1093°C.

**Soft seat** - Clockwise to close is standard. Suitable for tight shut off where service conditions are clean and temperature is under 210°C.



Item	Leakage Ratio	Type of Valve	Body Design	Temperature Range	Model	Valve Size
1	3% Leakage Metal seated	CENTRIC	Wafer Short body flange Long body flange	2000°F ~ -50°F 1093°C ~ -46°C	VF-350 VF-356 VF-357	2" ~ 24" 14" ~ 96" 14" ~ 96"
2	1% Leakage Metal seated	CENTRIC	Wafer Short body flange Long body flange	2000°F ~ -50°F 1093°C ~ -46°C	VF-360 VF-366 VF-367	2" ~ 24" 14" ~ 96"
3	Bubble tight Rubber seated	DOUBLE ECCENTRIC	Short body flange Long body flange	248°F ~ -4°F 120°C ~ -20°C	VF-376 VF-377	14" ~ 48"
4	Bubble tight PTFE seated	DOUBLE ECCENTRIC	Short body flange Long body flange	410°F ~ -20°F 210°C ~ -29°C	VF-386 VF-387	14" ~ 96"
5	Leakage: Class 4 Metal seated	TRIPLE ECCENTRIC	Short body flange Long body flange	2000°F ~ -50°F 1093°C ~ -46°C	VF-396 VF-397	14" ~ 96"

Please contact us for further information.



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