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## Sea Water Material 5A Lug Type Triple Eccentric Butterfly Valve

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options:Size,pressure, material, connection type,operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



### Lug Triple Offset Butterfly Valves-CF3

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options:Size,pressure, material, connection type,operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



# **Bronze C95800 Lug Triple Eccentric Butterfly Valves**

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options:Size,pressure, material, connection type,operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



### **Lug Concentric Butterfly Valve**

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options: Size, pressure, material, connection type, operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



# Double Offset Butterfly Valves Lug Type

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options:Size,pressure, material, connection type,operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



### **High Performance Butterfly Valves**

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options: Size, pressure, material, connection type, operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



## Lug Type Triple Offset Butterfly Valve

- 1. Model: E01
- 2. Brand: DBV or Custom
- 3. Custom Options:Size,pressure, material, connection type,operation type, logo, packaging, etc.
- 4. Valve Actuators: pneumatic or custom (hydraulic, electric, and spring)
- 5. Available Materials: Stainless steel, Ductile iron, Carbon steel, Brass, Aluminium, Cast steel, Titanium, Bronze, etc.



# Bronze C95800 Lug Triple Eccentric Butterfly Valves

#### Product description:

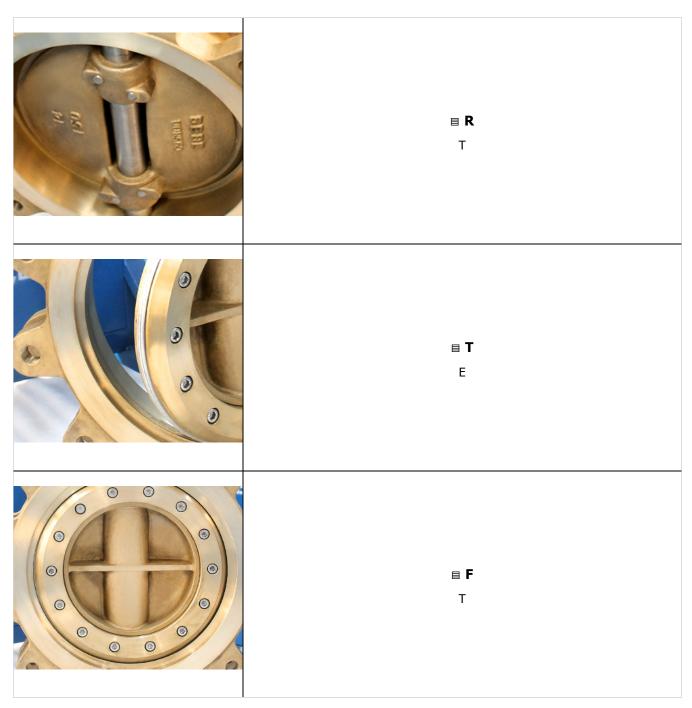
Lug triple eccentric Butterfly Valve body material: bronze C95800; Disc: bronze C95800, Stem: Monel K500. Seal: SS304+Graphite gear operated

Body Material	С	
Nominal Pressure	P	
Nominal Diameter	D	
End Connection	W	
Operation type	В	
Test & Inspection	E	

Design Standard	F F
Design Standard	_

 $\blacksquare$  Special Notes : We also can do special material according to customer's requirements

#### **Valve Details**





### Worm Gear WCB Lug Butterfly Valve Class 300

#### Product description:

Worm Class300 WCB Wafer Butterfly Valve Material: Body: WCB; Disc: WCB, seal ring: \$\$304+Graphite Nominal Pressure Class 150 Nominal Diameter:12" (DN300)

Body Material	WCB		
Nominal Pressure	CL300		
Nominal Diameter	DN300,12"		
End Connection	Lug		
Operation type	Worm gear		
Test & Inspection	API 598/ISO 5208		

Design Standard API 609

 $\ensuremath{\sqsubseteq}$  Special Notes : We also can do special material according to customer's requirements

#### **Valve Details**



#### **■ Standard Bolts & Nuts**

DBV ball valve adopts the standard bolts and nuts. It could extend the valve longer service life.



#### **■ Plat pin design**

Disc fixed on the stem with two pins without Chink to prevent the disc shaken.
 DBV ball valve adopts the 2. Prevent the butterfly from jumping



### Fully forged Lug type metal to graphite butterfly valve with special material F55

#### Product description:

Forged Body Triple offset butterfly valve. Body:F55 Disc:F55 Seal:F55+Graphite Connection:Lug Operation:Worm Gear Size:6" Pressure:300# Perfect Europe design,Long using life in non-corrosive service.

Body Material	F55	
Nominal Pressure	300#	
Nominal Diameter	6"	
End Connection	Lug	

Operation type	Worm gear		
Test & Inspection	ISO 5208/API 598		
Face To Face	API 609		

 $\ensuremath{\sqsubseteq}$  Special Notes : We also can do special material according to customer's requirements

#### **Valve Details**



#### **■ Multi-layer Sealed Structure**

This type design of butterfly valve has thoroughly eliminated the mechanical wear and scratch between the two sealing faces , making the sealing performance and service life of butterfly valves greatly improved



#### **■ Marking**

Every valve in DBV with clear and beautiful marking on the valve body,we usually do as our customers requirement



#### **■ Flange face finish**

Our flange face finish processing is very precise



### Sea Water material 5A Lug Type Triple Eccentric Butterfly Valve

#### Product description:

One type of DBV valves:Lug type butterfly valve, Worm Gear 5A CL150 Butterfly Valves with high quality

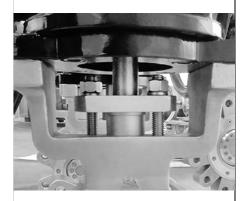
Body Material	5A		
Nominal Pressure	150#		
Nominal Diameter	8"		
End Connection	Lug		
Operation type	Gear Box		
Test & Inspection	API598		
Design Standard	API609		

#### **Valve Details**



#### **■ Flange face finish**

that the flange face(raised face and flat face)has a specific roughness to ensure that this surface be compatible with the gasket and provide a high quality seal.



#### **■ Integral Yoke**

With beautiful design, reduce leakage point



#### **■ Unique Plum Pin Design**

Adopts the plum pin design, which DBV butterfly valve is different from traditional pin design. As we all know, traditional pin is straight to the stem, but the plum pin is tilted to the stem. From the aspect of application, the plum pin could afford higher pressure and larger diameter.



#### **■ Up Blow-out Proof and Bottom Cover Gasket Design**

DBV butterfly valve adopts the design of stepped shaft with the gland. It is effectively that prevent the stem blows out from the top.



# Worm Gear Lug WCB Triple Eccentric Butterfly Valve

#### Product description:

Worm Gear Lug WCB+6A Triple Eccentric Butterfly Valve Material: Body: WCB; Disc: 6A, Stem: 316. Seat: surface STL, Sealing ring: SS316+STL Nominal Pressure Class 150LB Nominal Diameter: DN600

Body Material	WCB		
Nominal Pressure	150#		
Nominal Diameter	24"		
End Connection	Lug		
Operation type	Worm gear		
Test & Inspection	ISO 5208/API 598		

Face To Face API 609

■ Special Notes: We also can do special material according to customer's requirements

#### **Valve Details**



#### **■ Oval Turtle Disc Design**

DBV butterfly valve adopts the unique oval turtle advantages such as high strength, good flow truss structure design of the disc. It has several characteristics and low flow-resistance coefficient.



#### **■ Unique Plum Pin Design**

DBV butterfly valve adopts the plum pin design, which is different from traditional pin design. As we all know, traditional pin is straight to the stem, but the plum pin is tilted to the stem. From the aspect of application, the plum pin could afford higher pressure and larger diameter.



#### **■ Internal Snap Ring and Bottom Cover Design**

DBV butterfly valve adopts the unique stem design. The bottom of the stem is slotted. The ring is embed-ded to prevent the stem blow out. Then, the snap bottom cover plays a same role. This design suits for the valve which is larger than four inches.



# Lug Triple Offset Butterfly Valves-CF3

#### Product description:

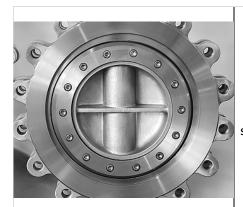
Triple Offset Butterfly Valves Material: Body: CF3; Disc: CF3, Stem: 17-4PH.Seal: SS304+Graphite metal to graphite butterfly valve

Body Material	CF3		
Nominal Pressure	PN16		
Nominal Diameter	DN200~DN400		
End Connection	Lug		
Operation type	Worm gear		
Test & Inspection	ISO 5208/API 598		

Design Standard API 609

■ Special Notes: We also can do special material according to customer's requirements

#### **Valve Details**



#### **■ Oval Turtle Disc Design**

DBV butterfly valve adopts the unique oval turtle advantages such as high strength,good flowtruss structure design of the disc. It has several characteristics and low flow-resistance coefficient.



#### **■ Up Blow-out Proof Design**

DBV butterfly valve adopts the design of stepped shaft with the gland. It is effectively that prevent the stem blows out from the top.

# Lug Triple Eccentric Metal Seated Butterfly Valve

#### **ASME Standard**

Nominal	Nominal Test Pressure (Mpa) Pressure		Applicable	Applicable	
(Mpa)	Shell Test	Seal Test Air Test Tempera	Temperature	Medium	
CL150	2.93	2.07	0.6		Water, Steam
CL300	7.58	5.52	0.6	-29°C ~ 425°C	Oil, Seawater etc.
CL600	15.0	11.03	0.6		

PS: We also can do according to customer's requirements.

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