

Customer Centric

NEWSLETTER 2024 - VOL 4

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Welcome to another edition of  
newsletter on **GESCO**  
**BUTTERFLY VALVES**  
**REPAIR KITS** – Perfect  
Solution for Environment and  
Technology, Proven Reliability  
and Performance

## GESCO BUTTERFLY VALVES – REPAIR KITS

We at GESCO are committed to provide quality service and faster deliveries for our esteemed clients. In line to our continuous improvements GESCO will be including Repair Kits for the Butterfly valves with no extra cost.

The complete set of repair kit will be included with each GESCO Butterfly valve upon delivery.

The repair kit will include: Bolt, Nut, Washer, Grease Nipples and O-Rings in a zipper bag.

Free of charge.

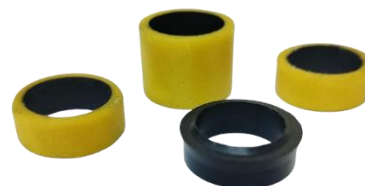
GROOVE SCREW



FASTNERS



PTFE BUSH



GREASE NIPPLES



O-RINGS



SPIRAL PIN



ZIP BAG

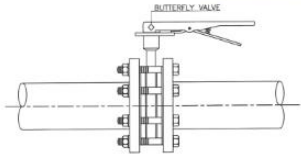




Butterfly valve Installation, Operation, and maintenance instructions manual will be attached with every Butterfly valve shipment prior any deliveries.

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**GESCO**  
We Control the Flow



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

- 1. INSTALLATION:**
  - Thoroughly clean and prepare the piping system before valve installation.
  - Inspect the valve port and seating surfaces for cleanliness just prior to installation.
  - Support the valve to prevent unnecessary stresses induced by connecting pipe.
  - Be sure the rating of the valve is compatible with the intended service conditions.
  - Operate the valve from the open to closed position.
  - Butterfly valves are designed for installation between Class 125 cast iron or Class 150 flanges. Butterfly valves require gaskets for installation.
  - Wafer butterfly valves should be centered between the flanges by installing bolts through the alignment lugs and rotating the valve into position. There should be full and even contact between the elastomer and the flange face. The valve should be installed with the disc.
  - In the almost closed position. It is recommended that butterfly valves on horizontal installations have the stem in the horizontal position. Never force the valve into place if flange spacing is incorrect as damage can occur to the elastomer.
  - Prior to tightening any flange bolts, the valve should be carefully cycled to the open position to check for possible disc interference. Interference may occur when the butterfly valve is installed on systems using pipe that has extra heavy wall thicknesses. Corrective action would include tapering the pipe ID, or the use of spool pieces.
  - Flange bolts should be tightened, using a star or crisscross pattern to evenly load the bolts.
  - Verify the gear operator travel stops after installation. Adjust as necessary. (in case of gear operated valve)
- 2. OPERATION:**  
Manual butterfly valves can be operated by a lever handle or a gear operator. It is usually recommended that gear operators be used for valves 8" and larger. The lever handle gives an indication of disc position. Gear operators provide position indication with indicator dial located on the top of the operator. Valves that are used infrequently should be cycled on a regular basis from open to close to prevent the build-up of material inside the valve.
- 3. INSPECTION & MAINTENANCE:**  
Butterfly valves require no routine maintenance. Periodic cycling of the valve is highly recommended.
- 4. REPAIR PARTS**  
Under normal conditions, spare parts are not required. Consult factory for availability of repair parts

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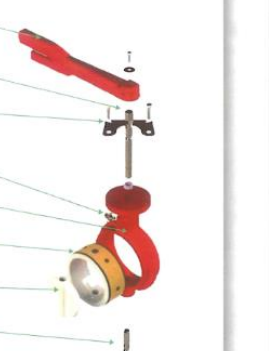
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**Non-Hazardous Application**



**Hazardous Application**



GESCO BUTTERFLY VALVE SPARE PARTS				
ITEM NO.	DESCRIPTION	NBR BUTTERFLY VALVE	NR BUTTERFLY VALVE	PTFE BUTTERFLY VALVE
1	Handle	Forged Steel	Forged Steel	Forged Steel
2	Top Stem	SS 410	SS 410	SS 410
3	Lock Plate	SS316L	SS316L	SS316L
4	Grease Nipple	SS 304	SS 304	SS 304
5	Body	Ductile Iron (DI)	Ductile Iron (DI)	Ductile Iron (DI)
6	Seat	NBR/SIUNA/EPDM	NR	PTFE
7	Disc	DI/Alloy Steel	SS	SS + PTFE Lined
8	Bottom Stem	SS 410	SS 410	SS 410

Example: Part No. BF02PTPTPA

Abbreviation: PTFE-PT, NBR-NB, Natural Rubber-NR, SS316L-CF, Pneumatic Actuator-PA, Hand Lever-HL, Gear Box-GB

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## Company profile

GESCO name is synonymous with Oilfield & Industrial sector. Head office strategically in emirates of Sharjah, UAE with manufacturing facility, provides gateway for the MENA region as well. GESCO broadly caters two verticals: Manufacturing and Trading.

Our strong emphasis on Providing optimal engineering solution, reducing life cycle cost of the product, Stringent quality inspection, On-time delivery & After sales service steered us through the crest.



## Why GESCO stands out in the industry?



**Quality Assurance:** Our Butterfly valves undergo rigorous testing to ensure compliance with international standards, guaranteeing reliable and consistent performance in even the most demanding environments.



**Custom Solutions:** We understand that every project has unique requirements. That's why we offer customizable Butterfly valve solutions tailored to our specific needs, ensuring seamless integration and maximum efficiency.



**Expert Support:** Our team of experienced engineers and customer support specialists is dedicated to providing personalized assistance every step of the way, from product selection to installation and beyond.



**Brand Reputation:** Our brand creating a reputation of quality and economical products in global market. We can offer some valuable insights and solutions to help you with your business outcome.



**24/7:** We are in the business of all resilient Butterfly valves in oilfield industry, excels in wide range of applications specializing in Design, Manufacturing of industry valves. We are also attentive to after sales needs and have our Customer Service team to attend to your needs 24/7.



### GESCO BUTTERFLY VALVES

Made in UAE – Exact replacement of FMC valves and our specifically 'Assembled in UAE'. Our Products are being used by familiar oil field companies – ADNOC, OILSERV, NESR, TAQA, ABRAJ, GOFSCO, AL MANSOORI and many other leading oilfield companies in UAE & GCC.

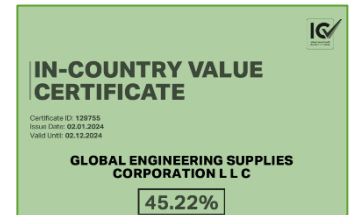
# PATRONS



## OUR PATRONS



# ACCREDITATIONS



## “GESCO” Certifications



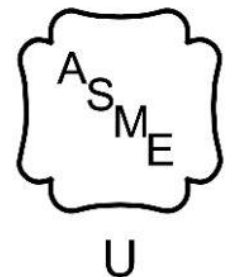
ISO 9001: 2015



ISO 14001: 2015



ISO 45001: 2015



NB Certificate





# GET IN TOUCH

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## GESCO

### Thank You