

**По вопросам продаж и поддержки обращайтесь:**

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

# triple eccentric butterfly valve metal seal flange type



triple eccentric butterfly valve metal seal flange type, which can be widely used in water supply and drainage project.

## Details

### Technical Specification:

**Nominal Diameter:** DN50-2400

**Design standard:** API609/ AWWA C504/ EN BS5155/ DIN 3354

**Face to Face Dimensions:** ASME B16.10/AWWA C504/ EN558/DIN 3202

**Flange connection:** ASME B16.5/ASME B16.47/AWWA C207/EN 1092/DIN 2542-2545

**Test and Inspection:** API 598/AWWA C504/EN12266-1/ DIN3230

**Pressure:** PN6/10/16/40/63

CLASS 125/150/300/600

# Advantages of a Butterfly Valve

Butterfly valves are similar as ball valves but have more advantages. They are open and close very quickly when actuated pneumatically. The disc is more lighter than a ball, and the valves require less structural support than a ball valve of comparable diameter. Butterfly valves are very precise, which makes them advantageous in industrial applications. They are quite reliable and require very little maintenance.

1. Turning on/off easily and rapidly with less force. Having less fluid resistance and can be operated frequently.
2. Simple structure, small size and short face to face dimension, which suitable for large diameter valves.
3. Can be used for transmitting mud, less liquids are stored at apertures of pipe.
4. Long service life. Standing the test of tens of thousands opening/closing operations.
5. Butterfly valves have excellent regulation performance.
7. Small torque. The pressure on disc at the two sides of spindle is almost equal, causing contrary torque. Thereby, the valves can be opened with less force.
8. Sealing face is generally made of rubber or plastic. So the butterfly valves can be with good sealing under low pressure.

## Material List:

1. End cap: Carbon steel/ Stainless steel
2. Thrust Ring: Carbon steel/ Stainless Steel
3. Stem: F6a/SS420/SS316/SS304/17-4PH
4. Body: Carbon steel/ Stainless steel
5. Seal Ring: SS+graphite gasket/ PTFE
6. Retainer Ring: Carbon steel/ Stainless steel
7. Disc: Carbon steel/ Stainless steel
8. Pin: F6a/SS420/SS316/SS304/17-4PH
9. Packing: Graphite/ PTFE
10. Gland: Carbon steel
11. Bolt: Carbon steel/ Stainless steel
12. Nut: Carbon steel/ Stainless steel
13. Yoke: Carbon steel

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