

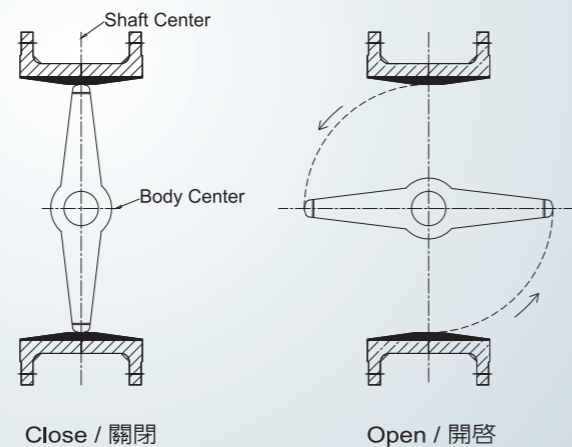
Our butterfly valve's shaft and seat design provides on-center, single, double, and tri-eccentric options, which differ in the number of offsets relating to the shaft and the disc.

蝶型閥依閥座與閥軸中心或閥體中心的相對位置可分為中軸型蝶閥、單偏心蝶閥、雙偏心蝶閥、三偏心閥

Centric Shaft 中軸型設計

Centric-type butterfly valves have no offset, which makes This type of butterfly valve has a fully rubber-lined body, protecting the body against corrosion buildup; since the entire valve's inlet is lined with rubber, the shaft has no contact with liquid.

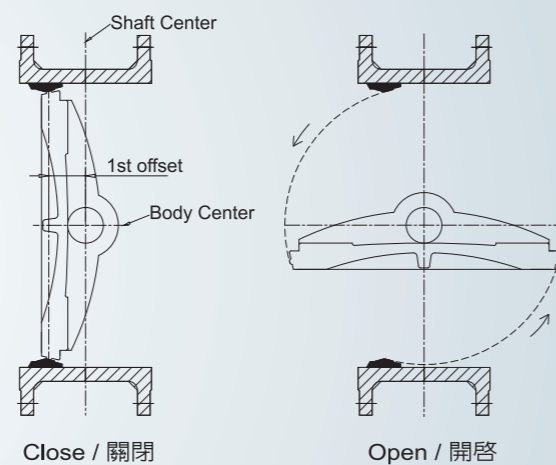
中軸型蝶閥通常為全內襯橡膠設計，且閥瓣具有雙面持壓特性，閥體內襯之軸部橡膠可以完全隔絕閥軸與流體接觸，是構造簡單便宜的高C/P值蝶閥。



Single Eccentric 單偏心設計

Single eccentric design offsets the shaft from the body center of the discs, reducing the compression and wearing between the discs and the seat during open/close operation.

當閥瓣開啓時，閥座封會與閥座逐漸分離，當全開時唯有靠近閥軸兩側部分的座封會與閥座接觸但趨近於分離狀態，此設計型式比中軸型設計更為優良，能減少蝶閥在操作行程中座封與閥座之間所產生的擠壓和磨損。



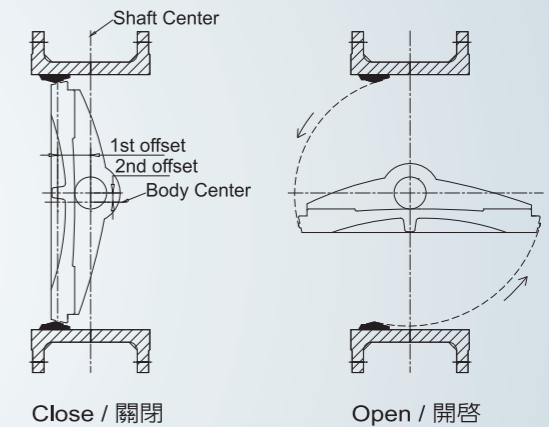
Dual Eccentric 雙偏心設計

Double eccentric construction has a better sealing function on the designed fluid-flowing side. The advantages of 2nd offset on the disc include reducing friction and torque required during the operation of open/close, so as alonger service time.

The double eccentric dramatically decrease the wearing and compression between the disc and the seat while the disc is opening/closing. The disc is entirely separate from the seat when it is fully open.

雙偏心的閥座設計，使閥瓣位於全關位置時，擁有更理想的密封耐壓性能，並且能有效降低操作扭矩以及增加座封的使用壽命。

當閥瓣開啓時，閥座封與閥座能更快的分離，且當全開時座封與閥座能徹底分離，能避免靠近閥軸兩側部分的座封產生永久性變形，影響閥的密封性能。



Tri-Eccentric 三偏心設計

Tri-Eccentric construction further enhances the sealing function and reduces the operating torque; therefore, the valve's service time can be extended further.

When the disc opens, the entire disc will leave the seat immediately; throughout the stroke, the disc will not touch the seat. For a tri-eccentric design, the seat and disc are metal to metal. It is suitable to work under high-pressure and high-temperature working environments.

三偏心的閥座設計，使閥瓣位於全關位置時，擁有完美的密封耐壓性能，並且能大大降低操作扭矩以及大大增加座封的使用壽命。

當閥瓣開啓時，座封與閥座能立刻的分離，操作過程中幾乎無任何的摩擦行程，能徹底消除座封與閥座間所產生的機械磨損和擦傷，因此通常應用於金屬-金屬的閥座設計，適用於高溫、高壓的流體環境。

