

# 金口展場DM W63xH29.7cm / 150磅雪銅 + 包折

正面

9大商品圖

封底

封面

## BELLOWS SEALED VALVE SERIES

INTRODUCTION OF PRODUCTS · 伸縮囊密封型閥門諸元簡介

- PN16/PN25/ JIS10K/20K/ Class 150/Class 300
- Bellows Sealed Globe valve
- Flanged/Socket welded/Butt weld
- JIS1025(GGG 40.3)/ FCD 450-10/ FCD-S /WCB/ CF8/CF8M
- 1/2"~8"

## BELLOWS SEALED VALVE SERIES

INTRODUCTION OF PRODUCTS · 伸縮囊密封型閥門諸元簡介

- Class 800/Class 150/Class 300/ Class 600
- Forge Long Bellows Sealed Gate Valve
- Flanged/ Threaded/Socket welded/Butt weld
- A105/F304/F316
- 1/2"~2"

- Class 150/Class 300/ Class 600
- Long Bellows Sealed Globe valve
- Flanged/Socket welded/Butt weld
- WCB /CF8/CF8M
- 1/2"~12"

- JIS10K/JIS20K
- Ultra-High Purity Valves
- Flanged/ Pipe/Tube/VCR (Metal Seal)/Lok (Compression)
- F304/F316/F316L/SCS13A/SCS14A/SCS16A
- 1/8"~ 1", 15A~200A

**KING GATE** 金口金屬股份有限公司  
KingGate METAL CORP.

429-52 台中市神岡區厚生路57號  
NO.57 HO-SHENG ROAD, 429-52 SHEN KANG DIST.TAICHUNG CITY, TAIWAN R.O.C.  
TEL:04-2562-3111 (代表號) FAX:04-2562-3113  
E-mail:sales@kinggate.com.tw http://www.kinggate.com.tw

# KING GATE

QUALITY · SATISFACTION · TECHNOLOGY

## BELLOWS SEALED VALVE SERIES

- Maintenance-Free
- Zero emission
- ECO-FRIENDLY

伸縮囊密封型閥門

- 免維修 · 零洩漏 · 環保節能

<http://www.kinggate.com.tw>

## 特色說明

## BELLOWS SEALED GLOBE VALVE

CHARACTERISTIC EXPLANATION · 伸縮囊密封型球型閥門-產品特點說明

**金口伸縮囊密封型閥門系列:**

- 設計與製造完全合乎API、ANSI、ASTM、ISO、DIN、JIS、JV標準。
- 完美的利用金屬伸縮囊做為閥桿防外漏設計，可使用在毒性氣體及其他特殊流體用途上。
- 免保養，可提供2,000至20,000次開關使用壽命。
- 適合用在蒸汽管線，能適止因洩漏所造成的能源損耗。

**KING GATE bellows valves are:**

- Designed and manufactured in strict conformance to API, ANSI, ASTM, ISO, DIN, JIS and JV standards.
- Reliability and total containment of toxic and aggressive fluids is achieved with bellows sealed stem.
- Maintenance-free service for 2,000 to 20,000 cycles.
- Ideal for steam, which is difficult to contain and where loss of energy is very costly.

※金口所生產的伸縮囊密封型閥門，應用在下列不同嚴格要求之工業及應用環境條件中：

※ Our Bellows sealed valves are built to meet the exacting demands and rugged service conditions of industries such as:

類別/Field	適用液體/Applicable fluid	適用液體/Applicable fluid
石化業/Petrochemical industry	各種碳氫化合物(非氧化性酸除外)、合成橡膠、石油液體	蒸汽、氨氣、氯氣、氫氣、乙炔
化學業/Chemical industry	各種強酸(非氧化性酸除外)、有機液體、石油液體	蒸汽、氨氣、氯氣、氫氣、乙炔、氫氰酸、氫氣
半導體業/Semiconductor industry	半導體製程、矽液、化學液、光阻液	蒸汽、氨氣、氯氣、氫氣、乙炔、氫氰酸、氫氣
一般工業/General industry	各種工業用液體、紙漿、紙張、印刷液、藥劑	蒸汽、熱水、熱油
真空工業/Vacuum industry	真空工業用液體、各種真空系統	各種工業用液體

**伸縮囊密封型閥門主要特性:**

- 格爾零洩漏-金屬波紋管為閥桿設置防外漏第一道機構，絕無外漏疑慮。
- 節省能源效果優異，沒有能源損耗，保護臭氧層及改善環境安全方面具有卓越功能。
- 有效的防止極微小洩漏，所有金屬波紋管都經過正壓及真空氣密測試。
- 使用於含有易燃流體、有毒流體、有氣味的流體和VOC (揮發性有機物) 的流體，能確實防止洩漏。
- 免保養，免維修-不須定期檢測格爾緊閉狀態，可以減少維修成本。
- 維持管內流體品質。

**General Feature of Bellows valve:**

- No leakage from glands-The bellows blocks out leakage from the gland.
- Effective for energy-saving effect-No energy loss due to leakage contributes to prevention of global warming and protection of environment.
- Effective for subtle leakage prevention-All bellows are Helium leak test and bubble test under water.
- Positive effects in bad-smelling/safety measures-Block out leakage of inflammable fluid, toxic fluid, bad-smelling fluid and VOC.
- Easy maintenance-No need to fully tighten the gland packing periodically, which reduces maintenance cost
- Continuous fluid quality-Complete sealing of valve shaft and gland part with the bellows allows no contact with the fluid inside the tube and no contamination of fluid by grease etc.

**嚴格品質確保零洩漏:**

- 金口擁有優良研發團隊，專業開發金屬伸縮囊密封型相關閥門系列產品。
- 金口金屬伸縮囊至少兩層結構設計，多層結構設計優於單層設計。
- 精密微流離子彈，提供優良的金屬伸縮囊組合零件焊接品質。
- 100%全數伸縮囊組合零件，以氦氣氣密測試。
- 洩漏量小於1 X 10<sup>-6</sup> Atm cc/sec

**Sensitive Factory Leak Testing Ensures Zero Emissions:**

- KING GATE commitment to excellence is particularly true in the R&D's activity related to bellows seal:
- All Bellows are designed with a minimum of two plies. Multi-ply bellows are superior to single ply.....
- Microplasma welding provide a hermetically sealed Bellows assemblies.
- All Bellows assemblies are helium leak tested with a Auto-Test Leak Detectors
- Bellows are rejected if leakage exceeds Test sensitivity 1 X 10<sup>-6</sup> Atm cc/sec.

## 短頸

## BELLOWS SEALED GLOBE VALVE

STANDARD DESIGN · 伸縮囊密封型球型閥門-標準設計說明

- Non-rising handwheel ideal in confined spaces**  
非昇轉式手輪，節省管線安裝空間。
- Rising non rotating stem in stainless steel. Reduces stem friction. Prevents torsion of bellows.**  
不旋轉材質閥桿只允許向上昇下降並無旋轉動作，減少與填料磨擦損耗，防止波紋管扭曲。
- Antirotation device and mechanical position indicator. Prevents torsion of bellows.**  
防旋轉及機械指示裝置，防止波紋管扭曲。
- Packing for safety pure graphite asbestos-free**  
Additional reliability against failure  
大型結構石墨填料包層閥桿，不含石棉成份，波紋管失效功能防第二道防外漏設計。
- Metal back seat, stroke limiter and anti-vibration device**  
閥桿於上昇限位時，與閥蓋產生一金屬密封面，做為行程固定與防震動裝置。
- Robust yoke guarantees the reliable functioning**  
牛軋設計，結構堅固，確保整體功能完整。
- Hydraulically formed multilayer bellows designed for 10,000 operations long service life**  
Bellows protected against pressure surges due to confined bellows when valve is fully open. Also bellows are welded to stem: no vibrations transmitted from disc to bellows.  
液壓成形之多層U型金屬伸縮囊管，閥門全開狀態，波紋管保護在狹窄範圍內無壓力衝擊，波紋管焊接在閥桿上，不會因為閥門的受到流體正面衝擊將震動與傳導至金屬波紋管，常溫額定壓力下，開關次數可達10,000次以上。
- Hydraulically formed multilayer bellows designed for 5,000 operations long service life**  
液壓成形之雙層U型金屬伸縮囊管，在常溫額定壓力下，開關次數可達5,000次以上。
- Stainless Adhesive Graphite Gasket prevents external leakage**  
鐘蓋密封採用金屬粘膠性石墨墊片，防外洩效果佳。
- Stainless Adhesive Graphite Gasket Tongue and Groove design: No gasket slip possible, long service life**  
鐘蓋密封採用金屬粘膠性石墨墊片，鐘蓋以凸槽式法壓緊，使密封墊片，不會有偏移及脫落疑慮，使用壽命長。
- Disc with conical shaped seat made from straight-chromium steel, vacuum hardened or steilled**  
Mirror-finished seat surface treatment for prevention of internal leakage  
扁田軟鋼不銹鋼閥門採錐形設計，表面能以噴霧加工止內洩效果更佳，真空熱處理或噴霧處理出爐合金，提升閥門表面硬度及耐用性。
- Marginal seats with conical seating are better for flow are more suitable for throttling and regulating functions**  
Self-cleaning due to angular seat!  
配合閥門角度，但兩者錐形相差1°，形成線性接觸面，防內洩效果佳兼具流量調節功能，線性接觸面，不易在接觸面上積存污物，避免積垢阻塞。

## 長頸

## BELLOWS SEALED GLOBE VALVE

HIGH PERFORMANCE DESIGN · 伸縮囊密封型球型閥門-高性能設計說明

- Non-rising handwheel ideal in confined spaces**  
非昇轉式手輪，節省管線安裝空間。
- Rising non rotating stem in stainless steel. Reduces stem friction. Prevents torsion of bellows.**  
不旋轉材質閥桿只允許向上昇下降並無旋轉動作，減少與填料磨擦損耗，防止波紋管扭曲。
- Antirotation device and mechanical position indicator. Prevents torsion of bellows.**  
防旋轉及機械指示裝置，防止波紋管扭曲。
- Packing for safety pure graphite asbestos-free**  
Additional reliability against failure  
大型結構石墨填料包層閥桿，不含石棉成份，波紋管失效功能防第二道防外漏設計。
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