





厦门斯嘉达阀门科技有限公司

XIAMEN STAVAL VALVE TECHNOLOGY.,LTD

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PRODUCT CATALOGUE XIAMEN STAVAL VALVE TECHNOLOGY CO.,LTD





COMPANY PROFILE

XIAMEN STAVAL VALVE TECHNOLOGY Co., Ltd. Marketing department is located in Xiamen, China, a beautiful garden city with developed economy and convenient transportation, attracting a large number of talents and creating value for world development. And the manufacturing headquarters is located in Wenzhou, the hometown of China pumps and valves.

STAVAL is a valve company providing one-stop solution integrating production, trade and inspection services. We are committed to engineering design, manufacturing and supplying superior products, and providing excellent personal service to our customers. We have a well-established system equipped with a capable team of responsible technicians and inspectors, perfect workshop management and experienced sales department. After years of accumulation, STAVAL has a wide range of business radiation, covering South America, Europe, South Africa, the Middle East, etc, and it's still growing

STAVAL RPODUCTS

We provide the best professional solutions for the most demanding industries, including oil and gas, chemical, petrochemical, pharmaceutical and mining. Our products include gate valves, globe valves, check valves, ball valves, butterfly valves, plug valves, strainers and so on, which sizes ranges from 1/2" all the way to 60", pressure from ANSI /ASME 125 to 4500LBS and UNI from PN6 to PN400, and the standard is according to API, ASME、ASTM、EN、DIN、GOST、GB.

STAVAL QUALITY

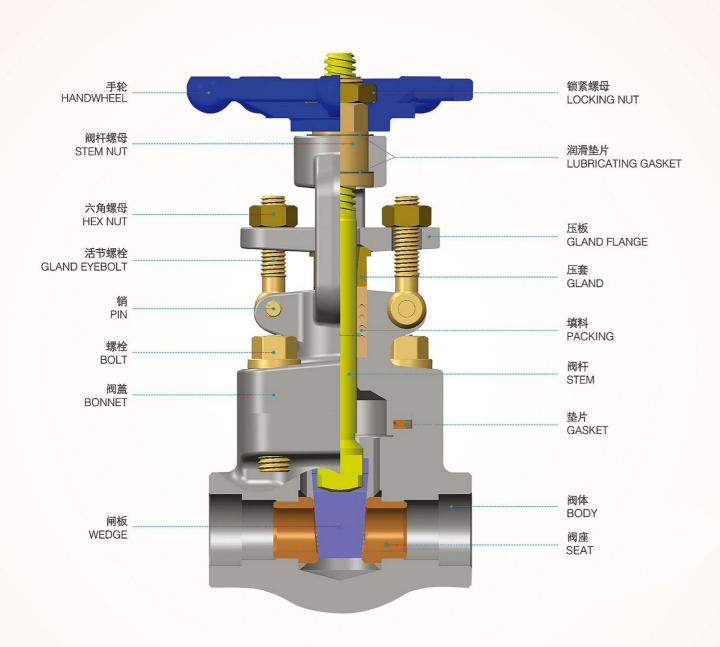
Outstanding quality is our first priority. STAVAL specially develops a team of experienced technicians and inspectors who have engaged in valve field for more than 10 years to control the production process and quality. From raw material selection to final shipment, we guarantee that the whole process will be under strictly monitoring. What's worthy noted is that we do 100% inspection before shipment. Inspection contents include appearance, dimensions, material chemical compositions, hydraulic test, air test, torque value, painting (type, color, thickness and painting technique), package and so on

STAVAL ADVANTAGE

Our expertise is to figure out personalized solutions to every customer's unique requirements and provide excellent service with accurate and reasonable prices, outstanding quality and valued technical solution. We hope to be not only your business supplier, but also one part of your team!

What you want is what I want, let our indispensable advantage be your best choice!





斯嘉达 锻钢闸阀有三种阀盖设计形式:

- (1) 螺栓式阀盖, 其阀体与阀盖用螺栓连接, 缠绕式垫片 (F304夹柔性石墨制造) 或采用金属环连接密封;
- (2) 焊接式阀盖, 其阀体与阀盖用螺纹连接, 全焊密封;
- (3) 压力自紧式阀盖,其阀体与阀盖用螺纹连接,内压自密封环密封。
- STAVAL forged steel gate valve is available in three kinds of bonnet design:
- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

FORGED STEEL GATE VALVE — Outside Screw & Yoke, Bolted Bonnet 锻钢闸阀—明杆支架,阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★缩径 / 全径 Reduce Bore / Full Bore
- ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
CĽÁŜS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		-
300LB	1125	825		-
600LB	2225	1650	00	-
300LB	2975	2175	90	-
900LB	3350	2450		_
1500LB	5575	4100		-

FORGED STEEL GATE VALVE — Outside Screw & Yoke, Welded Bonnet 锻钢闸阀—明杆支架,阀盖焊接连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet ★缩径/全径 Reduce Bore/Full Bore
- ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105)		
確级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀座 SEAT (psig)	
磅级 CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
50LB	450	325		-
800LB	1125	825		-
00LB	2225	1650	00	_
800LB	2975	2175	90	-
900LB	3350	2450		-
500LB	5575	4100		-
2500LB	9275	6800		6800



FORGED STEEL GATE VALVE — Outside Screw & Yoke, Bolted Bonnet 锻钢闸阀—明杆支架,阀盖螺栓连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
不垫 R-RING	304 SS
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★缩径 / 全径 Reduce Bore / Full Bore
- ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	4100	90	-
2500LB	9275	6800	=	6800

FORGED STEEL GATE VALVE — Outside Screw & Yoke, Pressure-Seal Bonnet 锻钢闸阀-明杆支架,压力自紧式密封阀盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
自密封座 P.S SEAT	304 SS
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,压力自紧式密封阀盖 Outside Screw & Yoke, Pressure-Seal Bonnet
- ★缩径/全径 Reduce Bore / Full Bore
- ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



压力试验(A105) PRESSURE TEST (A105)					
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	裀 SEAT	座 (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER	
1500LB	5575	4100	90	-	
2500LB	9275	6800	-	6800	

FORGED STEEL FLANGED GATE VALVE — Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接闸阀—明杆支架,阀盖螺栓连接

材料标准 STANDARD MATERIALS

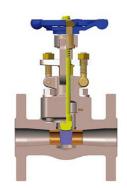


零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel: Monel: Hastellov: etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore
- ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105))	
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	网 SEAT	座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATE
150LB	450	325		-
300LB	1125	825		-
600LB	2225	1650	00	-
800LB	2975	2175	90	-
900LB	3350	2450		==
1500LB	5575	4100		-

FORGED STEEL FLANGED GATE VALVE — Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接闸阀—明杆支架,阀盖螺栓连接

材料标准 STANDARD MATERIALS



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零件名称 PART NAMES	材料 MATERIALS	
関体 BODY	注释 NOTE①	
図盖 BONNET	注释 NOTE①	
関座 SEAT	ASTM A276 410+HF	
闸板 WEDGE	ASTM A276 420	
叉杆 STEM	ASTM A276 410	
垫片 GASKET	304+GRAPHITE	
F轮 HANDWHEEL	ASTM A197	
其料 PACKING	GRAPHITE	
E套 GLAND	ASTM A276 410	

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore
- ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		l座 (psig)
CĽÁŜS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325	90	-
300LB	1125	825		-
600LB	2225	1650		-
800LB	2975	2175		-
900LB	3350	2450		
1500LB	5575	4100		-

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STAVAL VALVE TECHNOLOGY



FORGED STEEL FLANGED GATE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接闸阀-明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
环垫 R-RING	304 SS
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel: Monel: Hastellov: etc.

技术参数 SPECIFICATIONS

(1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB

(4) 温度等级 Temperature Rating: Up to 500℃

(5) 结构特征 Structure Features:

★ 连接端类型 End Connection: 法兰连接端 Flanged Type

★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore

★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



		力试验(A105) SURE TEST (A105)		
確認	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	液 SEAT	座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	4100	90	-
2500LB	9275	6800	-	6800

FORGED STEEL CRYOGENIC GATE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢低温闸阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阅盖 BONNET	注释 NOTE①
阅座 SEAT	ASTM A276 304(L)/316(L)+HF
闸板 WEDGE	ASTM A276 304(L)/316(L)
肉杆 STEM	ASTM A276 304(L)/316(L)
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
真料 PACKING	GRAPHITE
E套 GLAND	ASTM A276 304(L)/316(L)



技术参数 SPECIFICATIONS

(1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.11/B1.20.1/B16.25

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB

(4) 温度等级 Temperature Rating: Down to -196℃

(5) 结构特征 Structure Features:

★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★ 加长盖 Long Extended Bonnet ★ 操作: 手轮 Actuator: Handwheel ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)

★ 防火 / 抗静电设计 Fire Safety / Anti-static Design

★ 非上升手轮 Non-Rising Handwheel

FORGED STEEL FLANGED CRYOGENIC GATE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接低温闸阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 304(L)/316(L)+HF
闸板 WEDGE	ASTM A276 304(L)/316(L)
阀杆 STEM	ASTM A276 304(L)/316(L)
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 304(L)/316(L)



注释NOTE: ① F304(L); F316(L).

技术参数 SPECIFICATIONS

(1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.5

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB

(4) 温度等级 Temperature Rating: Down to -196℃

(5) 结构特征 Structure Features:

★ 连接端类型 End Connection: 法兰连接端 Flanged Type

★ 加长盖 Long Extended Bonnet ★ 操作: 手轮 Actuator: Handwheel

★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)

★ 防火 / 抗静电设计 Fire Safety / Anti-static Design

★ 非上升手轮 Non-Rising Handwheel

FORGED STEEL BELLOWS GATE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢波纹管闸阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410
波纹管 BELLOWS	ASTM A240 316

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

(1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 800LB

(4) 温度等级 Temperature Rating: Up to 500℃ (5) 波纹管测试压力 Bellows Test Pressure: 80 psig

(6) 结构特征 Structure Features:

★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

STAVAL VALVE TECHNOLOGY



FORGED STEEL BELLOWS GATE VALVE - Outside Screw & Yoke, Bolted Bonnet

锻钢波纹管闸阀-明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410
波纹管 BELLOWS	ASTM A240 316



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB

(4) 温度等级 Temperature Rating: Up to 500℃ (5) 波纹管测试压力 Bellows Test Pressure: 80 psig

- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

FORGED STEEL FLANGED BELLOWS GATE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接波纹管闸阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410
波纹管 BELLOWS	ASTM A240 316



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 600LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 波纹管测试压力 Bellows Test Pressure: 80 psig
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

FORGED STEEL EXTENDED GATE VALVE - Outside Screw & Yoke, Bolted Bonnet

锻钢延长端闸阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
闸板 WEDGE	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastellov: etc.

技术参数 SPECIFICATIONS

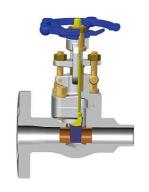
- (1) 设计制造标准 Design & Manufacture Conform to: API 602, API 606, ASME B16.34/B16.11/B1.20.1
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 800LB ~ 1500LB
- (4) 温度等级 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹或承插焊连接端 Threaded or Socket-Welded Type ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
- ★ 缩径 / 全径 Reduce Bore / Full Bore
- ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

FORGED STEEL RELEASING MEDIA VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢放空导淋阀-明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS	
阀体 BODY	注释 NOTE①	
阀盖 BONNET	注释 NOTE①	
阀座 SEAT	ASTM A276 410+HF	
闸板 WEDGE	ASTM A276 420	
阀杆 STEM	ASTM A276 410	_
垫片GASKET	304+GRAPHITE	
手轮 HANDWHEEL	ASTM A197	_
填料 PACKING	GRAPHITE	
压套 GLAND	ASTM A276 410	

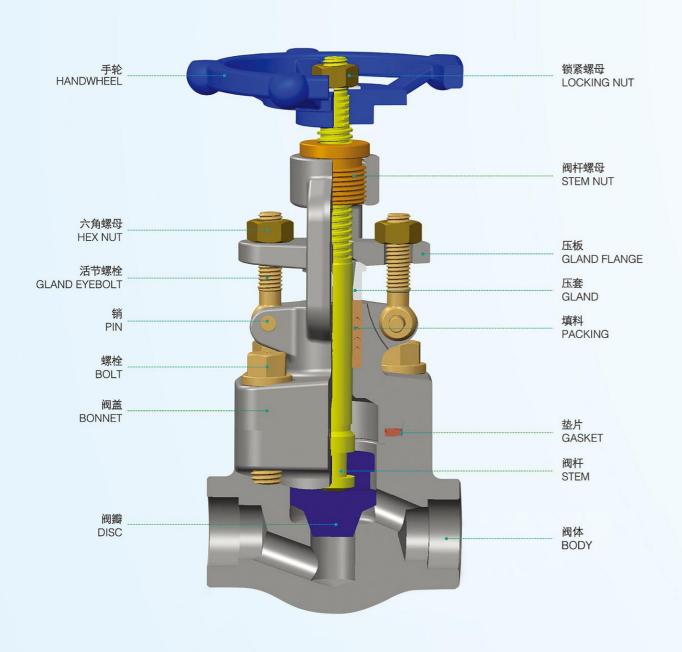


注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, ASME B16.34/B16.11/B1.20.1/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 800LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
- ★ 缩径/全径 Reduce Bore / Full Bore
- ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel





斯嘉达锻钢截止阀有三种阀盖设计形式:

- (1) 螺栓式阀盖, 其阀体与阀盖用螺栓连接, 缠绕式垫片(F304夹柔性石墨制造)或采用金属环连接密封;
- (2) 焊接式阀盖, 其阀体与阀盖用螺纹连接, 全焊密封;
- (3) 压力自紧式阀盖,其阀体与阀盖用螺纹连接,内压自密封环密封。
- STAVAL forged steel globe valve is available in three kinds of bonnet design:
- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

FORGED STEEL GLOBE VALVE — Outside Screw & Yoke, Bolted Bonnet 锻钢截止阀 — 明杆支架,阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



压力试验(A105) PRESSURE TEST (A105)				
確级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	网 SEAT	座 (psig)
磅级 CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		325
300LB	1125	825		825
600LB	2225	1650		1650
BOOLB	2975	2175		2175
900LB	3350	2450		2450
1500LB	5575	4100		4100

FORGED STEEL GLOBE VALVE — Outside Screw & Yoke, Welded Bonnet 锻钢截止阀 — 明杆支架,阀盖焊接连接



材料标准 STANDARD MATERIALS

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零件名称 PART NAMES	材料 MATERIALS	
阀体 BODY	注释 NOTE①	
阀盖 BONNET	注释 NOTE①	
阀座 SEAT	ASTM A105+HF	
阀瓣 DISC	ASTM A276 420	
阀杆 STEM	ASTM A276 410	
手轮 HANDWHEEL	ASTM A197	
填料 PACKING	GRAPHITE	
压套 GLAND	ASTM A276 410	

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet ★缩径/全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325	_	325
300LB	1125	825		825
500LB	2225	1650		1650
300LB	2975	2175		2175
900LB	3350	2450		2450
1500LB	5575	4100		4100
2500LB	9275	6800		6800



FORGED STEEL Y-GLOBE VALVE — Outside Screw & Yoke, Bolted Bonnet 鍛钢Y型截止阀 — 明杆支架,阀盖螺栓连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
図盖 BONNET	注释 NOTE①
関座 SEAT	ASTM A105+HF
関辦 DISC	ASTM A276 420
对杆 STEM	ASTM A276 410
上片 GASKET	304+GRAPHITE
单轮 HANDWHEEL	ASTM A197
真料 PACKING	GRAPHITE
套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



र केट दिया	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
磅级 CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		325
300LB	1125	825	_	825
600LB	2225	1650		1650
800LB	2975	2175		2175
900LB	3350	2450		2450
1500LB	5575	4100		4100

FORGED STEEL Y-GLOBE VALVE — Outside Screw & Yoke, Welded Bonnet 鍛钢Y型截止阀 — 明杆支架,阀盖焊接连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架,阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet ★缩径/全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



磅级 CLASS	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀座 SEAT (psig)	
	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		325
300LB	1125	825	_	825
600LB	2225	1650		1650
800LB	2975	2175		2175
900LB	3350	2450		2450
1500LB	5575	4100		4100
2500LB	9275	6800		6800

FORGED STEEL GLOBE VALVE — Outside Screw & Yoke, Bolted Bonnet 鍛钢截止阀 — 明杆支架,阀盖螺栓连接

零件名称 PART 阀体 BODY 阀差 RONNET

材料标准 STANDARD MATERIALS 材料 MATERIALS 注释 NOTE① 阀盖 BONNET 注释 NOTE① ASTM A105+HF 阀座 SEAT 阀瓣 DISC ASTM A276 420 阀杆 STEM ASTM A276 410 环垫 R-RING 304SS 手轮 HANDWHEEL ASTM A197 填料 PACKING GRAPHITE 压套 GLAND ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25 (2) 阀门尺寸 Valve Size: 1/2*~4*
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
- ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



		力试验(A105) SURE TEST (A105)		
磅级 CLASS	壳体 上密封 阀座 SHELL (psig) BACKSEAT (psig) SEAT (psig)		座 (psig)	
	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	4100	-	4100
2500LB	9275	6800		6800

FORGED STEEL GLOBE VALVE — Outside Screw & Yoke, Pressure-Seal Bonnet 鍛钢截止阀 — 明杆支架,压力自紧式密封阀盖

材料标准 STANDARD MATERIALS



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零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
密封阀座 P.S SEAT	304SS
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25 (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
 - ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
 - ★明杆支架,压力自紧式密封阀盖 Outside Screw & Yoke, Pressure-Seal Bonnet
- ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

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		力试验(A105) SURE TEST (A105))	
磅级 CLASS	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	网 SEAT	座 (psig)
	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	4100	_	4100
2500LB	9275	6800		6800



FORGED STEEL FLANGED GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接截止阀 - 明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阅盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阅瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
玉套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore
- ★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



		SURE TEST (A105) 上密封		प्रोट
磅级	壳体 SHELL (psig) BACKSEAT (psig)		阀座 SEAT (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		325
300LB	1125	825		825
600LB	2225	1650		1650
800LB	2975	2175	_	2175
900LB	3350	2450		2450
1500LB	5575	4100		4100

FORGED STEEL FLANGED GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接截止阀 - 明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS



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零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料压套 GLAND PACKING	GRAPHITE
压套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore
- ★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	325		325
300LB	1125	825		825
600LB	2225	1650		1650
800LB	2975	2175	-	2175
900LB	3350	2450		2450
1500LB	5575	4100		4100

FORGED STEEL FLANGED GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接截止阀 - 明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阅体 BODY	注释 NOTE①
図盖 BONNET	注释 NOTE①
剛座 SEAT	ASTM A105+HF
剛瓣 DISC	ASTM A276 420
杆 STEM	ASTM A276 410
垫 R-RING	304SS
轮 HANDWHEEL	ASTM A197
科 PACKING	GRAPHITE
套 GLAND	ASTM A276 410

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 法兰连接端 Flanged Type
- ★明杆支架,明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore
- ★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

-

		力试验(A105) SURE TEST (A105)		
磁级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
磅级 CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
500LB	5575	4100	-	4100
500LB	9275	6800	_	6800

FORGED STEEL CRYOGENIC GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢低温截止阀 - 明杆支架, 阀盖螺栓连接

材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 304(L)/316(L)+HF
阀瓣 DISC	ASTM A276 304(L)/316(L)
阀杆 STEM	ASTM A276 304(L)/316(L)
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 304(L)/316(L)

注释NOTE: ① F304(L); F316(L).

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Down to -196℃
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★ 加长盖 Long Extended Bonnet ★ 操作: 手轮 Actuator: Handwheel
- ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)

★ 防火 / 抗静电设计 Fire Safety / Anti-static Design

★ 上升手轮 Rising Handwheel



FORGED STEEL FLANGED CRYOGENIC GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接低温截止阀 - 明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 304(L)/316(L)+HF
阀瓣 DISC	ASTM A276 304(L)/316(L)
阀杆 STEM	ASTM A276 304(L)/316(L)
垫片 GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 304(L)/316(L)



注释NOTE: ① F304(L); F316(L).

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Down to -196℃
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 加长盖 Long Extended Bonnet ★ 操作: 手轮 Actuator: Handwheel
- ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)
- ★ 防火 / 抗静电设计 Fire Safety / Anti-static Design
- ★ 上升手轮 Rising Handwheel

FORGED STEEL BELLOWS GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢波纹管截止阀 - 明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410
波纹管 BELLOWS	ASTM A240 316



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 波纹管测试压力 Bellows Test Pressure: 80 psig
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
- ★ 缩径 Reduce Bore
- ★ 升杆式/非上升手轮 Rising Stem / Non-Rising Handwheel

FORGED STEEL BELLOWS GLOBE VALVE - Outside Screw & Yoke, Welded Bonnet 锻钢波纹管截止阀 - 明杆支架, 阀盖焊接连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
阀杆 STEM	ASTM A276 410
垫片GASKET	304+GRAPHITE
手轮 HANDWHEEL	ASTM A197
填料 PACKING	GRAPHITE
压套 GLAND	ASTM A276 410
波纹管 BELLOWS	ASTM A240 316



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

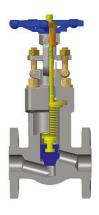
- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 波纹管测试压力 Bellows Test Pressure: 80 psig
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★ 明杆支架, 阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet ★ 缩径 Reduce Bore
- ★ 升杆式/非上升手轮 Rising Stem / Non-Rising Handwheel

FORGED STEEL FLANGED BELLOWS GLOBE VALVE - Outside Screw & Yoke, Bolted Bonnet 锻钢法兰连接波纹管截止阀 - 明杆支架, 阀盖螺栓连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS	
阀体 BODY	注释 NOTE①	
阀盖 BONNET	注释 NOTE①	
阀座 SEAT	ASTM A105+HF	
闸板 WEDGE	ASTM A276 420	
阀杆 STEM	ASTM A276 410	
垫片GASKET	304+GRAPHITE	
手轮 HANDWHEEL	ASTM A197	
填料 PACKING	304+GRAPHITE	
压套 GLAND	ASTM A276 410	
波纹管 BELLOWS	ASTM A240 316	

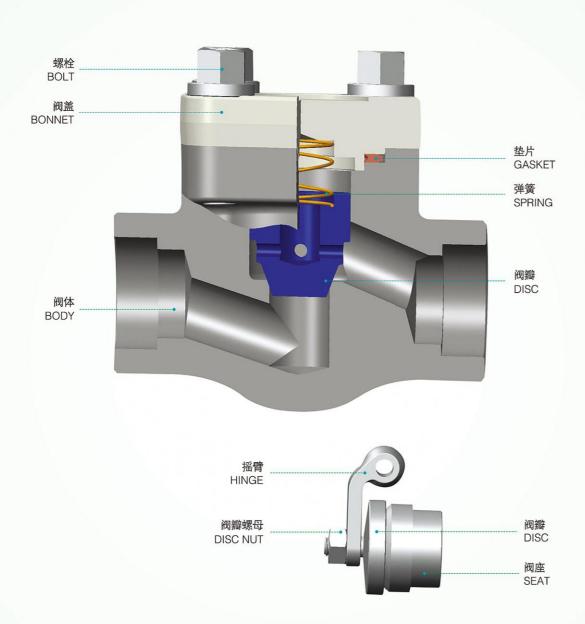


注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 600LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 波纹管测试压力 Bellows Test Pressure: 80 psig
- (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 明杆支架,阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式非上升手轮 Rising Stem / Non-Rising Handwheel





斯嘉达锻钢止回阀有三种阀盖设计形式:

- (1) 螺栓式阀盖,其阀体与阀盖用螺栓连接,缠绕式垫片(304夹柔性石墨制造)密封。根据客户要求可采用金属环连接;
- (2) 焊接式阀盖, 其阀体与阀盖用螺纹连接, 全焊密封;
- (3) 压力自紧式阀盖,其阀体与阀盖用螺纹连接,内压自密封环密封。

锻钢止回阀存在三种不同的设计结构,它们是升降式止回阀、球式止回阀和旋启式止回阀。

STAVAL forged steel check valve is available in three kinds of bonnet designs:

- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed. Metal ring connected is available on customer's request;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

The check valves are designed with three different kinds of structure. They are Lift Check Valve, Ball Check Valve and Swing Check Valve.

FORGED STEEL LIFT CHECK VALVE - Bolted Cover

锻钢升降式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
彻座 SEAT	ASTM A105+HF
划瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径 / 全径 Reduce Bore / Full Bore



				53
		力试验(A105) SURE TEST (A105)		
確级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
磅级 CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
50LB	450			325
00LB	1125			825
00LB	2225			1650
00LB	2975	-	-	2175
00LB	3350			2450
500LB	5575			4100

FORGED STEEL LIFT CHECK VALVE - Welded Cover

锻钢升降式止回阀 - 阀盖焊接连接



材料标准 STANDARD MATERIALS	
零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
関座 SEAT	ASTM A105+HF
阅辦 DISC	ASTM A276 420

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★ 阀盖焊接连接 Welded Cover
- ★缩径/全径 Reduce Bore / Full Bore

		力试验(A105) SURE TEST (A105)			
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		阀座 SEAT (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER	
150LB	450			325	
300LB	1125			825	
600LB	2225			1650	
800LB	2975	0-0	t=	2175	
900LB	3350			2450	
1500LB	5575			4100	
2500LB	9275			6800	



FORGED STEEL LIFT CHECK VALVE — Pressure-Seal Cover 锻钢升降式止回阀 — 压力自紧式密封阀盖

材料标准 STANDARD MATERIALS

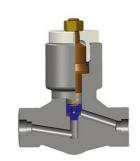


零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
密封阀座 P.S SEAT	304SS

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★压力自紧式密封阀盖 Pressure-Seal Cover
- ★缩径/全径 Reduce Bore / Full Bore



		力试验(A105) SURE TEST (A105)		
		上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575			4100
2500LB	9275			6800

FORGED STEEL LIFT CHECK VALVE — Bolted Cover 锻钢升降式止回阀 — 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阅体 BODY	注释 NOTE①
烟盖 BONNET	注释 NOTE①
関座 SEAT	ASTM A105+HF
引辦 DISC	ASTM A276 420
F垫 R-RING	304SS
聚栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~2"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径/全径 Reduce Bore / Full Bore



		力试验(A105) SURE TEST (A105)			
確認	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阅 SEAT	划座 T (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER	
1500LB	5575			4100	
2500LB	9275			6800	

FORGED STEEL BALL CHECK VALVE — Bolted Cover 鍛钢球式止回阀 — 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
球体 BALL	ASTM A276 316
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
 - ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径 / 全径 Reduce Bore / Full Bore



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 阀) BACKSEAT (psig) SEAT		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450			325
300LB	1125			825
600LB	2225			1650
800LB	2975	_	-	2175
900LB	3350			2450
1500LB	5575			4100

FORGED STEEL Y-CHECK VALVE - Bolted Cover 鍛钢Y型止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径/全径 Reduce Bore / Full Bore

	A.
5	300

		压力试验(A105) PRESSURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CĽÁŜS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450			325
300LB	1125			825
600LB	2225			1650
BOOLB	2975	=	-	2175
900LB	3350			2450
1500LB	5575			4100

 $_{9}$



FORGED STEEL Y-CHECK VALVE - Welded Cover 鍛钢Y型止回阀 - 阀盖焊接连接

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
网体 BODY	注释 NOTE①
図盖 BONNET	注释 NOTE①
]座 SEAT	ASTM A105+HF
羽瓣 DISC	ASTM A276 420

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★阀盖焊接连接 Welded Cover
- ★缩径/全径 Reduce Bore / Full Bore



压力试验(A105) PRESSURE TEST (A105)				
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450			325
300LB	1125			825
600LB	2225			1650
800LB	2975	_	-	2175
900LB	3350			2450
1500LB	5575			4100
2500LB	9275			6800

FORGED STEEL Y-TYPE STRAINER VALVE — Bolted Cover 鍛钢Y型过滤器 — 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS	
阀体 BODY	注释 NOTE①	
阀盖 BONNET	注释 NOTE①	
垫片 GASKET	304+GRAPHITE	
螺栓 COVER BOLT	ASTM A193 B7	
滤网 FILTER SCREEN	ASTM A240 304	

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径/全径 Reduce Bore / Full Bore



	压力试验(A105) PRESSURE TEST (A105)				
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER	
150LB	450	=	-	-	
300LB	1125				
600LB	2225				
800LB	2975				
900LB	3350				
1500LB	5575				

FORGED STEEL FLANGED LIFT CHECK VALVE - Bolted Cover 锻钢法兰连接升降式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

★ 螺栓固定盖 Bolted Cover

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 缩径 Reduce Bore



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
50LB	450		-	325
800LB	1125			825
00LB	2225			1650
800LB	2975	-		2175
00LB	3350			2450
500LB	5575			4100

FORGED STEEL FLANGED LIFT CHECK VALVE — Bolted Cover 锻钢法兰连接升降式止回阀 — 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type

 ★ 螺栓固定盖 Bolted Cover
- ★ 缩径 Reduce Bore

		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
CĽÁŜS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	-	-	325
300LB	1125			825
600LB	2225			1650
300LB	2975			2175
900LB	3350			2450
1500LB	5575			4100



FORGED STEEL FLANGED LIFT CHECK VALVE - Bolted Cover 锻钢法兰连接升降式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阅座 SEAT	ASTM A105+HF
肉瓣 DISC	ASTM A276 420
不垫 R-RING	304SS
累栓 COVER BOLT	ASTM A193 B7

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:

★ 缩径 Reduce Bore

- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
 - ★ 螺栓固定盖 Bolted Cover



空气 水 AIR WATER 1500LB 5575 4100 6800 2500LB 9275

FORGED STEEL SWING CHECK VALVE - Bolted Cover 锻钢旋启式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7
摇臂 ROCKER	ASTM A351 CF8

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★螺栓固定盖 Bolted Cover
- ★缩径/全径 Reduce Bore / Full Bore



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	-	S	325
300LB	1125			825
600LB	2225			1650
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100

FORGED STEEL SWING CHECK VALVE - Bolted Cover 锻钢旋启式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304SS
螺栓 COVER BOLT	ASTM A193 B7
摇臂 ROCKER	ASTM A351 CF8

注释NOTE:t5; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25 (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
 - ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
 - ★缩径/全径 Reduce Bore / Full Bore ★螺栓固定盖 Bolted Cover

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		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 阀座 BACKSEAT (psig) SEAT (p		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	_		4100
2500LB	9275		_	6800

FORGED STEEL SWING CHECK VALVE - Pressure-Seal Cover 锻钢旋启式止回阀 - 压力自紧式密封阀盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
阅辦 DISC	ASTM A276 420
密封阀座 P.S SEAT	304SS
摇臂 ROCKER	ASTM A351 CF8

注释zOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
 - ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★压力自紧式密封阀盖 Pressure-Seal Cover
- ★缩径 / 全径 Reduce Bore / Full Bore

		力试验(A105) SURE TEST (A105)		
磅级	売体 SHELL (psig)	上密封 BACKSEAT (psig)	阀座 SEAT (psig)	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	_	_	4100
2500LB	9275			6800



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FORGED STEEL FLANGED SWING CHECK VALVE - Bolted Cover 锻钢法兰连接旋启式止回阀 - 螺栓固定盖

材料标准 STANDARD MATERIALS



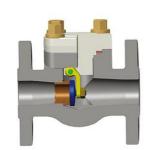
零件名称 PART NAMES	材料 MATERIALS
阅体 BODY	注释 NOTE①
烟盖 BONNET	注释 NOTE①
図座 SEAT	ASTM A276 410+HF
a辦 DISC	ASTM A276 420
片 GASKET	304+GRAPHITE
R栓 COVER BOLT	ASTM A193 B7
臂 ROCKER	ASTM A351 CF8

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel: Monel: Hastellov: etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type ★ 螺栓固定盖 Bolted Cover

★ 缩径 Reduce Bore



		力试验(A105) SURE TEST (A105))	
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	_		325
300LB	1125		-	825
600LB	2225			1650
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100

FORGED STEEL FLANGED SWING CHECK VALVE - Bolted Cover 锻钢法兰连接旋启式止回阀 - 螺栓固定盖





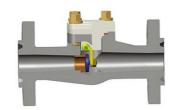
零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 410+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7
摇臂 ROCKER	ASTM A351 CF8

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

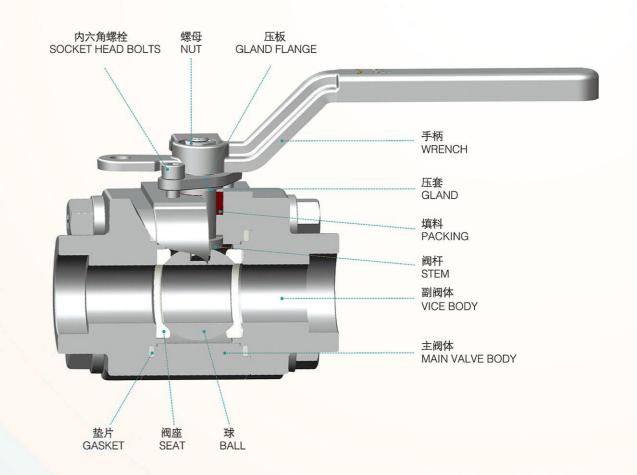
技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
- ★ 螺栓固定盖 Bolted Cover

★ 缩径 Reduce Bore



磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)		座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	- - -	-	325
300LB	1125			825
600LB	2225			1650
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100



斯嘉达 锻钢球阀有两种阀盖设计形式:

- (1) 二片式结构, 其中部螺纹连结, 以RPTFE或PEEK密封;
- (2) 三片式结构,中部用螺栓连接。根据所选的阀座与垫片和填料的材料不同,适应不同的工作温度和介质。
- STAVAL forged steel ball valve is available in two different kinds of structure:
- (1) 2 Piece structure: Threaded bonnet, RPTFE or PEEK sealed;
- (2) 3 Piece structure: Bolted bonnet, different kinds of material for seats, gaskets and packing can be chosen according to different using conditions.



FORGED STEEL SIDE ENTRY BALL VALVE - Free Floating Ball (3 Piece) 锻钢侧入口球阀-三片式自由浮动式

材料标准 STANDARD MATERIALS



手柄 WRENCH

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55: Inconel: Monel: Hastellov: etc.

CARBON STEEL



(1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB

★防火结构 Fire Safety Construction (API 607)

(4) 温度等级 Temperature Rating: Up to 250℃

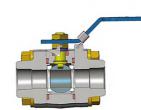
(5) 结构特征 Structure Features: ★3片式体型 3 Piece Body

★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★自由浮动式 Floating Ball Type

★缩径/全径 Reduce Bore / Full Bore

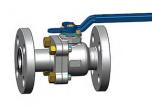
★手动操作 Manual Operating



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀 SEAT	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	-	90	325
300LB	1125			825
600LB	2225			1650
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100

FORGED STEEL SIDE ENTRY BALL VALVE - Free Floating Ball (2 Piece) 锻钢侧入口球阀-两片式自由浮动式

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	R-PTFE
球体 BALL	ASTM A276 316
阀杆 STEM	ASTM A276 316
垫片 GASKET	316+GRAPHITE
上密封垫片 BACK SEAT GASKET	PTFE
填料 PACKING	GRAPHITE
手柄 WRENCH	CARBON STEEL

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

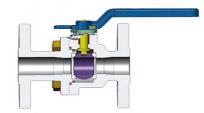
技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB

★防火结构 Fire Safety Construction (API 607)

- (4) 温度等级 Temperature Rating: Up to 250℃
- (5) 结构特征 Structure Features:
- ★2片式体型 2 Piece Body ★连接端类型 End Connection: 法兰连接端 Flanged Type
- ★自由浮动式 Floating Ball Type
- ★缩径/全径 Reduce Bore / Full Bore

- ★手动操作 Manual Operating



		力试验(A105) SURE TEST (A105)		
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	図 SEAT	
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450	-	90	325
300LB	1125			825
600LB	2225			1650
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100

FORGED STEEL SIDE ENTRY BALL VALVE - Free Floating Ball (3 Piece) 锻钢侧入口球阀-三片式自由浮动式

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A276 316+STL
球体 BALL	ASTM A276 316+STL
阀杆 STEM	ASTM A276 316
垫片 GASKET	316+GRAPHITE
上密封垫片 BACK SEAT GASKET	PTFE
填料 PACKING	GRAPHITE
手柄 WRENCH	CARBON STEEL

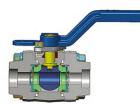
注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55: Inconel: Monel: Hastellov: etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500℃
- (5) 结构特征 Structure Features: ★3片式体型 3 Piece Body

★防火结构 Fire Safety Construction (API 607)

- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★自由浮动式 Floating Ball Type
- ★缩径/全径 Reduce Bore / Full Bore
- ★手动操作 Manual Operating



压力试验(A105) PRESSURE TEST (A105)					
磅级 CLASS 水 WATER	上密封 BACKSEAT (psig)	阀座 SEAT (psig)			
		水 WATER	空气 AIR	水 WATER	
150LB	450	-		325	
300LB	1125			825	
600LB	2225		90	1650	
800LB	2975		30	2175	
900LB	3350			2450	
1500LB	5575			4100	

FORGED STEEL SIDE ENTRY CRYOGENIC BALL VALVE - Free Floating Ball (3 Piece)

材料标准 STANDARD MATERIALS

锻钢侧入口低温球阀-三片式自由浮动式



阀体 BODY 注释 NOTE① 阀盖 BONNET 注释 NOTE① 阀座 SEAT **PCTFE** 球体 BALL ASTM A276 316 阀杆 STEM ASTM A276 316 垫片 GASKET 316+GRAPHITE 上密封垫片 BACK SEAT GASKET **PCTFE** 填料 PACKING GRAPHITE

CARBON STEEL

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51;

技术参数 SPECIFICATIONS

(1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25

手柄 WRENCH

- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Down To -196℃
- (5) 结构特征 Structure Features: ★3片式体型 3 Piece Body
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★自由浮动式 Floating Ball Type
- ★缩径/全径 Reduce Bore / Full Bore
- ★防火结构 Fire Safety Construction (API 607)
- ★手动操作 Manual Operating

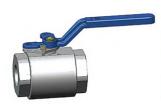
压力试验(A105) PRESSURE TEST (A105)					
磅级 CLASS	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀座 SEAT (psig)		
	水 WATER	水 WATER	空气 AIR	水 WATER	
150LB	450			325	
300LB	1125	-		825	
600LB	2225			1650	
300LB	2975		90	2175	
900LB	3350			2450	
1500LB	5575			4100	
2500LB	9275			6800	

STAVAL VALVE TECHNOLOGY



FORGED STEEL SIDE ENTRY BALL VALVE - Free Floating Ball (3 Piece) 锻钢侧入口球阀-三片式自由浮动式

材料标准 STANDARD MATERIALS

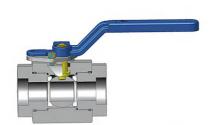


零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	R-PTFE
球体 BALL	ASTM A276 316
阀杆 STEM	ASTM A276 316
O型密封圈 O-RING	NBR
上密封垫片 BACK SEAT GASKET	PTFE
填料 PACKING	GRAPHITE
手柄 WRENCH	CARBON STEEL
	•

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 250℃
- (5) 结构特征 Structure Features: ★3片式体型 3 Piece Body
- ★连接端类型 End Connection: 螺纹,承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★自由浮动式 Floating Ball Type
- ★缩径/全径 Reduce Bore / Full Bore
- ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating



压力试验(A105) PRESSURE TEST (A105)				
磅级	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	网 SEAT	座 (psig)
CLASS	水 WATER	水 WATER	空气 AIR	水 WATER
150LB	450			325
300LB	1125	-		825
600LB	2225			1650
800LB	2975		90	2175
900LB	3350			2450
1500LB	5575			4100
2500LB	9275			6800

FORGED STEEL SIDE ENTRY BALL VALVE - Free Floating Ball (2 Piece) 锻钢侧入口球阀-两片式自由浮动式

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	R-PTFE
球体 BALL	ASTM A276 316
阀杆 STEM	ASTM A276 316
O型密封圈 O-RING	NBR
上密封垫片 BACK SEAT GASKET	PTFE
填料 PACKING	GRAPHITE
手柄 WRENCH	CARBON STEEL

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy C; etc.

技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.5
- (2) 阀门尺寸 Valve Size: 1/2"~4"
- (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 250℃
- (5) 结构特征 Structure Features:
- ★2片式体型 2 Piece Body ★连接端类型 End Connection: 法兰连接端 Flanged Type
- ★自由浮动式 Floating Ball Type
- ★缩径/全径 Reduce Bore / Full Bore
- ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating

	tt.
上密封 阀座 CKSEAT (psig) SEAT (psig)	
空气 AIR	水 WATE
	325
	825
	1650
90	2175
	2450
	4100
	6800
	空气 AIR

压力试验(A1 PRESSURE TEST	