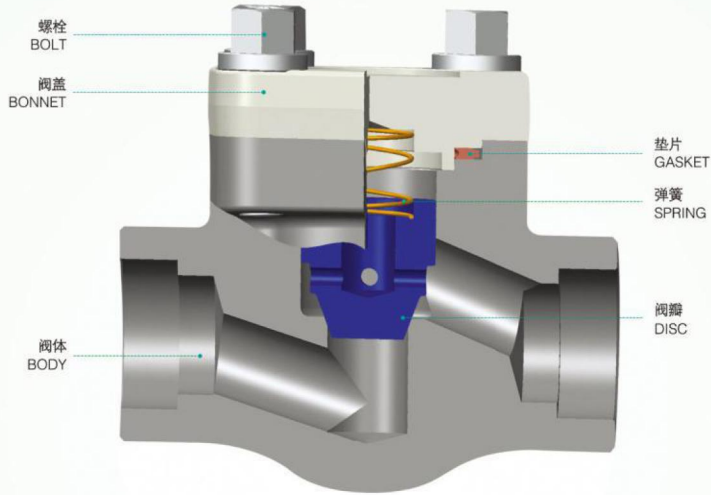


止回阀 Check Valve



德沃斯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。

Dervos 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.

DERVOS

厦门德沃斯阀门科技股份有限公司
Xiamen Dervos Valves Industry Co., Ltd.



ExxonMobil's Forged Valve Supplier
埃克森美孚锻钢阀供应商

FORGED STEEL LIFT CHECK VALVE – Bolted Cover

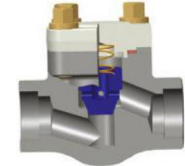
锻钢升降式止回阀 – 螺栓固定盖

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
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.



等级 CLASS	压力试验 (A105) PRESSURE TEST (A105)			
	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
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100

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°C
- (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

FORGED STEEL LIFT CHECK VALVE – Welded Cover

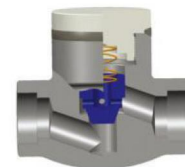
锻钢升降式止回阀 – 阀盖焊接连接

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
阀座 SEAT	ASTM A105+HF
阀瓣 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.



等级 CLASS	压力试验 (A105) PRESSURE TEST (A105)			
	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
800LB	2975			2175
900LB	3350			2450
1500LB	5575			4100
2500LB	9275			6800

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°C
- (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

FORGED STEEL LIFT CHECK VALVE – Pressure-Seal Cover

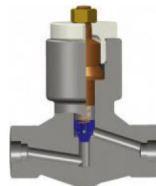
锻钢升降式止回阀 – 压力自紧式密封阀盖

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°C
- (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

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
1500LB	5575	-	-	4100
2500LB	9275	-	-	6800

FORGED STEEL LIFT CHECK VALVE – Bolted Cover

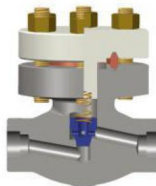
锻钢升降式止回阀 – 螺栓固定盖

材料标准 STANDARD MATERIALS



零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
环垫 R-RING	304SS
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"~2"
- (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (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 CLASS	壳体 SHELL (psig)	上密封 BACKSEAT (psig)	阀座 SEAT (psig)	
	水 WATER	水 WATER	空气 AIR	水 WATER
1500LB	5575	-	-	4100
2500LB	9275	-	-	6800

FORGED STEEL BALL CHECK VALVE – Bolted Cover

锻钢球式止回阀 – 螺栓固定盖

材料标准 STANDARD MATERIALS



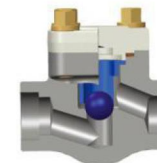
零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
球体 BALL	ASTM A276 316
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

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°C
- (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 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
800LB	2975	-	-	2175
900LB	3350	-	-	2450
1500LB	5575	-	-	4100

FORGED STEEL Y-CHECK VALVE – Bolted Cover

锻钢Y型止回阀 – 螺栓固定盖

材料标准 STANDARD MATERIALS



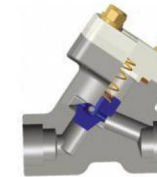
零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 DISC	ASTM A276 420
垫片 GASKET	304+GRAPHITE
螺栓 COVER BOLT	ASTM A193 B7

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°C
- (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 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
800LB	2975	-	-	2175
900LB	3350	-	-	2450
1500LB	5575	-	-	4100

FORGED STEEL Y-CHECK VALVE – Welded Cover

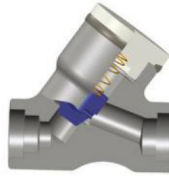
锻钢Y型止回阀 – 阀盖焊接连接



材料标准 STANDARD MATERIALS

零件名称 PART NAMES	材料 MATERIALS
阀体 BODY	注释 NOTE①
阀盖 BONNET	注释 NOTE①
阀座 SEAT	ASTM A105+HF
阀瓣 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.



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
800LB	2975	-	-	2175
900LB	3350			2450
1500LB	5575			4100
2500LB	9275			6800

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

FORGED STEEL FLANGED LIFT CHECK VALVE – Bolted Cover

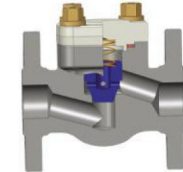
锻钢法兰连接升降式止回阀 – 螺栓固定盖



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.



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
800LB	2975	-	-	2175
900LB	3350			2450
1500LB	5575			4100

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

FORGED STEEL Y-TYPE STRAINER VALVE – Bolted Cover

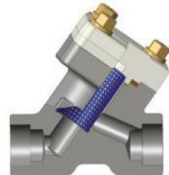
锻钢Y型过滤器 – 螺栓固定盖



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.



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			
300LB	1125			
600LB	2225			
800LB	2975	-	-	-
900LB	3350			
1500LB	5575			

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

FORGED STEEL FLANGED LIFT CHECK VALVE – Bolted Cover

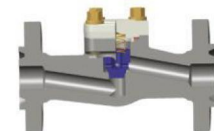
锻钢法兰连接升降式止回阀 – 螺栓固定盖



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.



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
800LB	2975	-	-	2175
900LB	3350			2450
1500LB	5575			4100

技术参数 SPECIFICATIONS

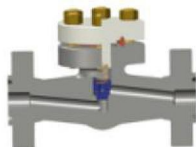
- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- 温度等级 Temperature Rating: Up to 500°C
- 结构特征 Structure Features:
 - ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
 - ★ 螺栓固定盖 Bolted Cover
 - ★ 缩径 Reduce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

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
环垫 R-RING	304SS
螺栓 COVER BOLT	ASTM A193 B7



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F56; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.15
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

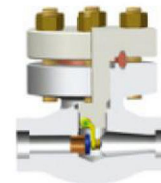
压力试验 (A105) PRESSURE TEST (A105)				
等级 CLASS	壳体 SHELL (psig) 水 WATER	上密封 BACKSEAT (psig) 水 WATER	阀座 SEAT (psig) 空气 AIR / 水 WATER	
1500LB	5575	-	4100	
2500LB	9275	-	6800	

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: LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F56; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20, 1/B16.25
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

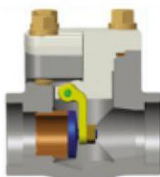
压力试验 (A105) PRESSURE TEST (A105)				
等级 CLASS	壳体 SHELL (psig) 水 WATER	上密封 BACKSEAT (psig) 水 WATER	阀座 SEAT (psig) 空气 AIR / 水 WATER	
1500LB	5575	-	4100	
2500LB	9275	-	6800	

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; F56; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20, 1/B16.25
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

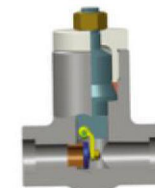
压力试验 (A105) PRESSURE TEST (A105)				
等级 CLASS	壳体 SHELL (psig) 水 WATER	上密封 BACKSEAT (psig) 水 WATER	阀座 SEAT (psig) 空气 AIR / 水 WATER	
150LB	450	-	325	
300LB	1125	-	825	
600LB	2225	-	1650	
800LB	2975	-	2175	
900LB	3350	-	2450	
1500LB	5575	-	4100	

FORGED STEEL 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
阀瓣 DISC	ASTM A276 420
密封阀座 P.S SEAT	304SS
摇臂 ROCKER	ASTM A351 CF8



注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F56; Inconel; Monel; Hastelloy; etc.

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20, 1/B16.25
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

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

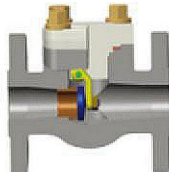
FORGED STEEL FLANGED SWING CHECK VALVE – Bolted Cover

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
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.



压力试验 (A105) PRESSURE TEST (A105)				
等级 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
800LB	2975	-	-	2175
900LB	3350	-	-	2450
1500LB	5575	-	-	4100

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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

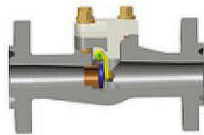
FORGED STEEL FLANGED SWING CHECK VALVE – Bolted Cover

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
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

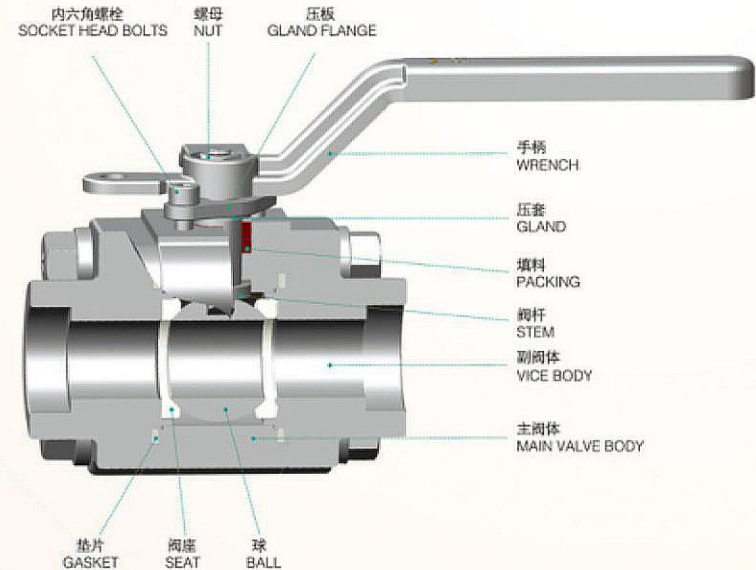
注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy, etc.



压力试验 (A105) PRESSURE TEST (A105)				
等级 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
800LB	2975	-	-	2175
900LB	3350	-	-	2450
1500LB	5575	-	-	4100

技术参数 SPECIFICATIONS

- 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5
- 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB
- 温度等级 Temperature Rating: Up to 500°C
- 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



德沃斯锻钢球阀有两种设计形式：

- 二片式设计，其中部螺纹连接，以RPTFE或PEEK密封；
- 三片式设计，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。

Dervos forged steel ball valve is available in two different kinds of structure:

- 2 Piece structure: Threaded bonnet, RPTFE or PEEK sealed;
- 3 Piece structure: Bolted bonnet, different kinds of material for seats, gaskets and packing can be chosen according to different using conditions.