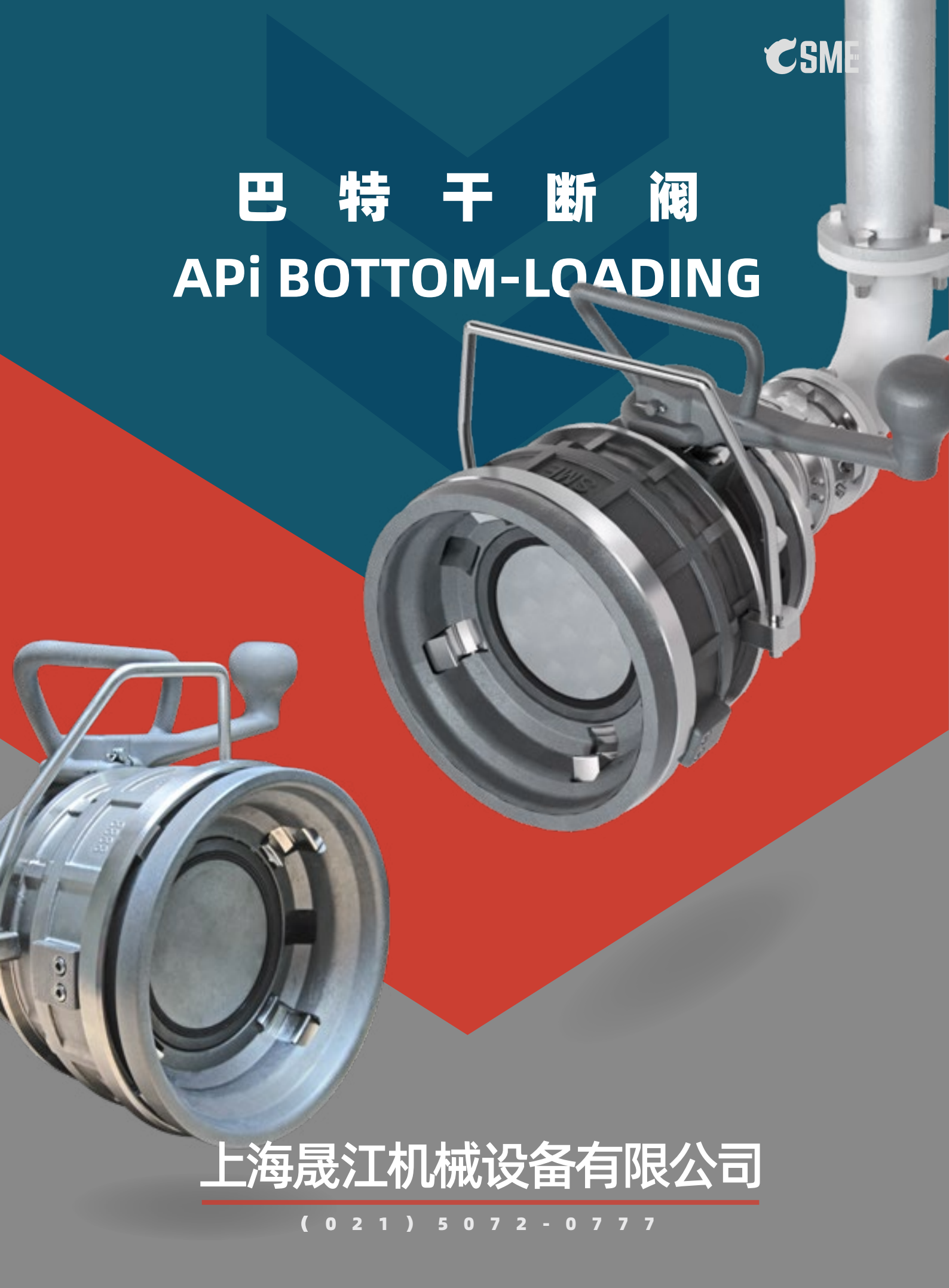


巴特干断阀 API BOTTOM-LOADING



上海晟江机械设备有限公司

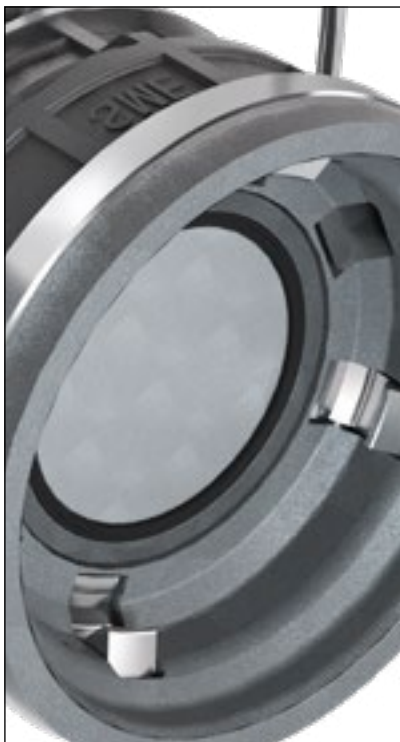
(0 2 1) 5 0 7 2 - 0 7 7 7

晟江巴特干断阀 APi Bottom-Loading

标准更易维护

巴特干断阀设计全面符合国际行业标准，结构设计更简便易维护

Standardization and optimization

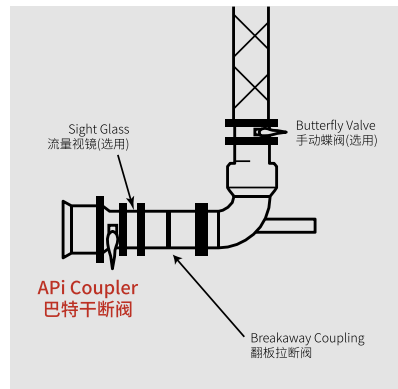


晟江 DN100 4" 巴特干断阀专为罐装运输车辆的下装 / 卸油作业设计，适用石油等各类危险品。设计生产与测试均符合 API RP1004 与 BS EN 13083 标准要求。

晟江巴特结构设计合理，更换部件等操作简便快速，能实现现场维护作业。重要磨损部件如密封件、O 型圈、助力扳手和操作手柄、阀杆密封面以及应力弹簧等均能在现场单人操作，快速完成。

SME APi coupler for bottom loading and unloading is designed for tank vehicles for transport of petroleum and dangerous goods. It is designed, produced and tested in compliance with API RP1004 and BS EN 13083.

The coupler is better constructed with inbuilt pressure-loaded springs and integrated poppet valve, giving it less chance of damage from exterior engagement. On the other hand, that does not give it a harder time to replace all worn-out parts and seals, say loading spring, grab handle, poppet, wear bumper and nose seal or internal O-rings.



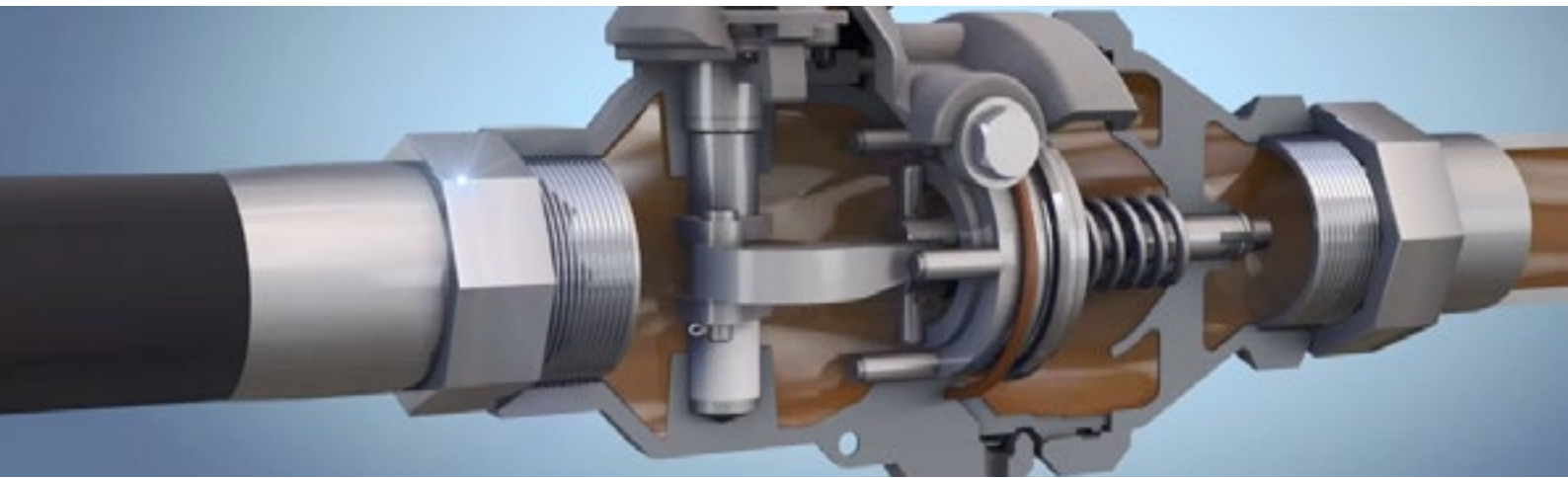
设计与生产符合 API RP1004 与 BS EN 13083 要求

SME APi Coupler goes in full compliance with API RP1004 and BS EN 13083 requirements.



巴特人体工程结构专为罐车下装和卸油操作设计。

Ergonomic lever and grab handle assists to achieve smooth operation.



安全更可靠

巴特干断阀自锁与应力止回结构坚固稳定，操作安全更可靠

Minimising the risk of accidental engagement



晟江巴特干断阀含自锁装置，能有效防止悬空开启泄漏的事故风险。我们将自锁、应力和止回装置合并置于本体内部，产品一体性更高，结构更稳固。

巴特采用优质的推杆式止回密封，保证高流量的同时尽可能减少压降大小。密封结构经过密闭对接启闭测试，密封溢出不超过 5 cm³。冲击水压实验对应力结构考验，确保 5 倍于工作压力下结构稳定，阀门安全无误。

开口尺寸	DN100 (101.6 mm)
最大外圆尺寸	DN250 (254 mm) 无干涉相邻
额定压力 (WP)	75 Psi (5 Bar), 1.5 倍额定压力下无泄漏
瞬时压力 (SP)	5 倍额定压力下结构稳定, 无安全隐患
最大流速	135 m ³ / 小时
压降大小	2-5 Psi (0.24 Bar) 常温下流速 1.9~3.8 m ³ / 分钟
密封溢出	平均≤ 5 cm ³ 常温下密闭连续开关 3 次
产品单重	9.5 Kg

SME API coupler incorporates dry-break scheme with addition safety interlocks, preventing it from accidental dispartment at risk.

The coupler applies poppet valve construction, minimizing pressure loss and keeping a high volume of flow rate. The structure is checked per standard with mutiple type tests including rated and burst test on the body, surge test on the sealing performance. Liquid loss is checked to see 5 cm³/avg. on the consecutive disconnects.

Inlet Size	DN100 (101.6 mm)
Max O.D	DN250 (254 mm) w/o interference to the adjacent
Rated W.P	75 Psi (5 Bar), 1.5 times the rated W.P without leakage
Surge Pressure	5 times the rated W.P without effect on integrity
Max Flow Rate	135 m ³ /hr
Pressure Loss	2-5 Psi (0.24 Bar) at 1.9~3.8 m ³ /min under ambient cond.
Liquid Loss	No exceed avg. 5 cm ³ on 3 consecutive disconnects
Unit Weight	9.5 Kg



**巴特干断阀，配套罐车
加油装卸臂和拉断阀**
**APi Coupler with integrated
check valve and interlock**



晟江巴特具备快速通断与内置阀门，适用汽油等各类危险品。把手有安全保护，即无公头连接时把手处于自锁紧状态，无法打开。配拉断阀与装卸臂总装使用。

参考标准	美标与欧洲标准
壳体材质	铝合金 A356 硬质阳极氧化处理，不锈钢 SS 316
重要部件	不锈钢 316 扳手等，三元乙丙 / 氟橡胶密封件
连接标准	8 孔 TTMA 法兰
密封面	加工精度 Ra 1.6
产品标识	标准号、商标、产品编号、生产序列号、额定工作压力



开关方向标识



晟江产品编号

SME APi Coupler is a dry-break connection with integrated valve construction, fitted for petroleum and gasoline. Interlock handle is applied making sure the coupler cannot be opened without the adapter in position.

Standards	API RP1004, BS EN 13083
Body Material	Aluminum A356 hard-coated anodized, SS 316 (L)
Critical Materials	SS316 lever arm etc., EPDM/FPM seals
Connection	Flange TTMA with 8 holes
Sealing Nose	Roughness Ra 1.6
Markings	Norm, Trademark, Code, Production Serial, Rated W.P

巴特母头	开口尺寸	工作压力	铝合金	不锈钢	不锈钢
APi Coupler	Inlet Size	W.P	Alu	SS 316	SS 316 L
DN100 4"	101.6 mm	75 Psi (5 Bar)	100258	100259	100260