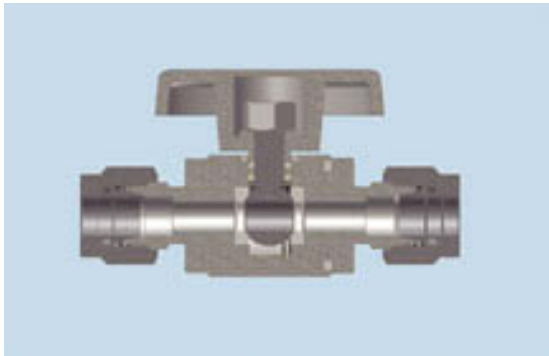


組合圖 Assembly plan



剖面圖 Section

◎產品規格 Product standards

本計畫擬開發之超潔淨球閥產品共有 1/4"、3/8"、1/2"三種尺寸。

This plan intends to develop the ultra purity valve of 1/4", 3/8", 1/2".

◎技術指標 Technical indicators

工作壓力 Working pressure : $\leq 10 \text{ kg/cm}^2$

耐久測試 Durability test : $\geq 5000 \text{ cycles}$

洩露率 Inboard leaking rate : $\leq 1 \times 10^{-9} \text{ atm} \cdot \text{cc/sec}$

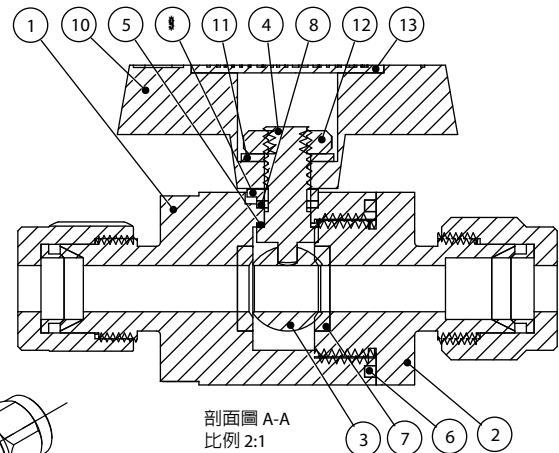
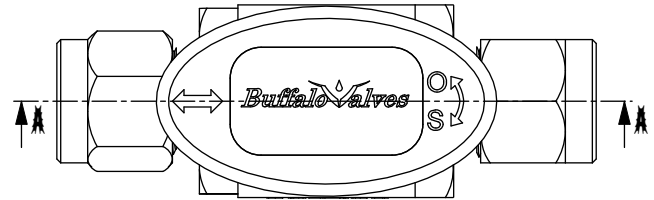
洩漏率 Internal leaking rate : $\leq 1 \times 10^{-9} \text{ atm} \cdot \text{cc/sec}$

洩漏率 Outboard leaking rate : $\leq 1 \times 10^{-9} \text{ atm} \cdot \text{cc/sec}$

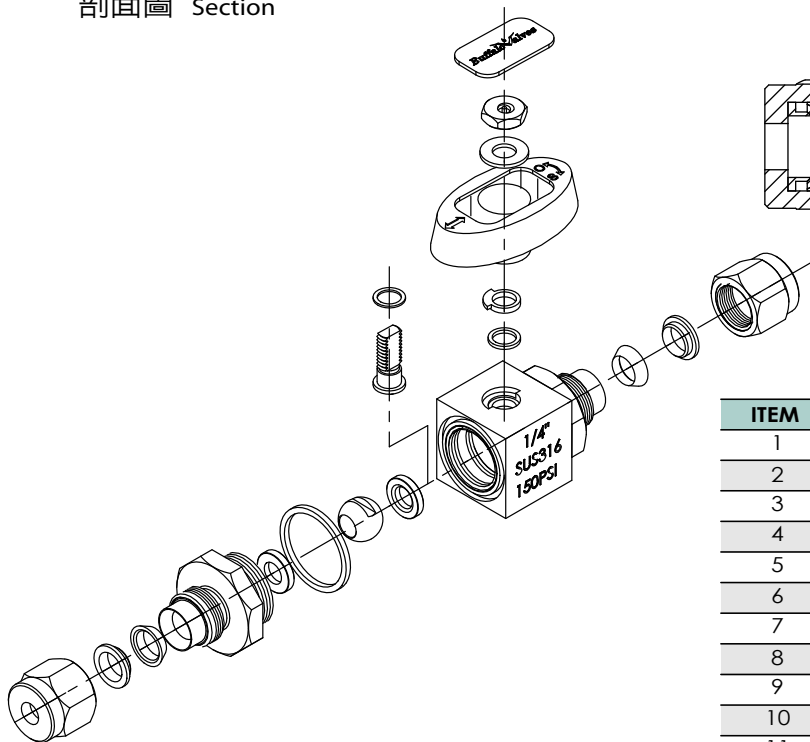
◎性能需求 Performance demand

所開發之產品於上述指標環境下，其洩漏率須能符合 SEMI F1 規範之要求。

The leaking rate of developed products must meet the SEMI F1 standards under the technical indicators circumstances mentioned above.



剖面圖 A-A
比例 2:1



ITEM	PARTS	MATERIALS	QTY
1	BADY	SUS316	1
2	CAP	SUS316	1
3	BALL	SUS316	1
4	STEM	SUS316	1
5	THRUST WASHER	PTFE	1
6	JOINT GASKET	PTFE	1
7	BALL SEAT	PTFE	1
8	STEM PACKING	PTFE	2
9	SADDLE WASHER	SUS316	1
10	HANDLE	A6061T6	1
11	WASHER	SUS316	1
12	STEM NUT	SUS316	1
13	HANDLE CAP	A6061T6	1