

- 1) 가동시점 : LEAK량은 10cc/min 이하일것
1-1) 자유상태
8.0bar의 시랭 INLET PORT 11/12에 가압후 유지시
=> PORT 21/22에 압력 발생 없을 것
1-2) PISTON STROKE 시
1-2-1) INLET PORT(11/12)에 8bar 가압,
OUTLET PRESSURE? 0.6bar로 릴리프지 피스는 작동후 고장시
=> OUTLET PORT 21/22의 압력이 균화하게 유지될 것.
1-2-2) INLET PORT(11/12)에 8bar가압, 피스는 FULL STROKE 후 고장시
=> LEAK량 규격치(10cc/min) 안될것
2) 작동압력 시험
STROKE 1.0 ± 0.5(mm)에서 PORT 21에서 유력 발생될 것
3) 작동압력 시험
INLET PORT에 8bar를 가한후, PORT 21의 압력이 0.55bar 릴리프지 피스는 STROKE 시
=>PORT 21의 압력이 0.55bar 이하에서 0.55bar에 압력이 항상되야 한다.
4) 차단 시험
피트 1과 피트 2의 차압은 전구간에서 0.1±0.1 Bar 이하 될 것.

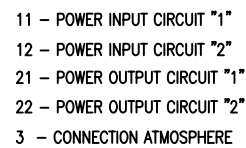
- 1) LEAK TEST: THE AMOUNT OF LEAK SHOULD BE UNDER 10CC/MIN
 - 1-1) FREE CONDITION
 - APPLY 8.0 BAR PRESSURE TO INLET PORT 11/12 AND THEN HOLD IT
=> NO PRESSURE GENERATION AT PORT 21/22
 - 1-2) PISTON STROKE
 - 1-2-1) APPLY 8BAR PRESSURE TO INLET PORT(11/12),
OPERATE PISTON UNTIL OUTLET PRESSURE REACHES 0.68BAR PRESSURE
AND THEN HOLD PISTON
=> PRESSURE AT OUTLET PORT 21/22 MUST KEEP STABLE.
 - 1-2-2)APPLY 8.0BAR PRESSURE TO INLET PORT(11/12)
AFTER OPERATING FULL STROKE OF PISTON
AMOUNT OF LEAK SHOULD BE SATISFIED WITH REGULATION(10cc/min).
- 2) OPERATION DISPLACEMENT TEST
 - AT STROKE 1.0 ± 0.5 (mm), PRESSURE AT PORT21 SHOULD MAKE OUTPUT.
- 3) OPERATING PRESSURE TEST
 - AFTER APPLYING 8BAR TO INLET PORT,
OPERATE PISTON UNTIL PORT 21 PRESSURE REACHES 0.55BAR.
UNDER 0.55BAR AT PORT 21, PORT 22 SHOULD MAKE PRESSURE.
- 4) DIFFERENCE OF PRESSURE TEST
 - THE PRESSURE DIFFERENCE OF CIRCUIT 1 AND CIRCUIT 2 SHOULD BE 0.1±0.1 Bar.

	STROKE	PRESSURE	FORCE	REMARKS
5-2-1	1 mm	1.2±0.3Bar	(41±8Kg)	
5-2-2	2.5 mm	2.5±0.4Bar	(65±10Kg)	
5-2-3	4.5 mm	5.0±0.6Bar	(115±20Kg)	

	TEMP.(°C)	PRESS.(Bar)	Cycle	REQUIREMENT
1	20	4.0	300,000	—KEEP AIRTIGHTNESS AFTER TEST —NOT A SHARP DIFFERENCE IN BASIC V/V CHARACTERISTIC GRAPH AFTER ENDURANCE TEST
2	20	4.0	50,000	
3	20	8.5	50,000	
4	-40	4.0	90,000	
5	-40	6.0	15,000	
6	-20	8.5	10,000	
7	-20	4.0	300,000	
8	20	6.0	50,000	
9	20	8.5	40,000	
10	80	4.0	90,000	
11	80	8.0	25,000	
12	80	8.5	10,000	
TOTAL :			1,000,000	

CONSISTENCY OF SALT	TEMPERATURE	SPRAY TIME
5±1%	35±2 °C	CONTINUOUS SPRAY FOR 96Hr

NOT A SHARP CORROSION IN 96 Hr



N1 성능 특성상극한을 면할 것.
N2 MAX. OPERATING PRESSURE 9.5 bar
N3 MAX. PRESSURE 10 bar
N4 TEMPERATURE RANGE: -40 ~ +80 °C
N5 CUSTOMER NO.: 59310-7C000
N6 WABCO NO.: DF10503100B0
N7 O-RING 장착부 및 SLIDING부에 RUBBER GREASE를 도포할것
N8 TORQUE 160~200kgf.cm(3-Max.)
N9 TORQUE 50~80kgf.cm(4-Max.)

N1 BE SATISFIED WITH BASIC V/V CHARACTERISTIC GRAPH
N2 MAX. OPERATING PRESSURE 9.5 bar
N3 MAX. PRESSURE 10 bar
N4 TEMPERATURE RANGE: -40 ~ +80 °C
N5 CUSTOMER NO.: 59310-7C000
N6 WABCO NO.: DF10503100B0
N7 APPLY RUBBER GREASE TO O-RING ASSEMBLED PART & SLIDING PART
N8 TORQUE 160~200Kgf.cm (3~4Mx1.25)
N9 TORQUE 50~80Kgf.cm (4~6Mx1.0)

