PER1~3 시리즈

정밀 레귤레이터

- PER3 시리즈(3/8 Size)
- 정확한 입력조정
- 사용 안정성
- 유량 안정성
- 높은 자동하류 방출성능
- 운도의 안정성

표시 기호

주문형식

PER 3 03 B G 4K

① Precision Pressure Regulator
② Body size
   1 : PER 1 (1/8)
   2 : PER 2 (1/4)
   3 : PER 3 (3/8)
③ Thread
   Blank : Rc(PT)
   N : NPT
   G : G(PF)
④ Port size
   01 : 1/8 (PER1)
   02 : 1/4 (PER2, PER3)
   03 : 3/8 (PER3)
   04 : 1/2 (PER3)
⑤ Bracket
   B : Bracket
⑥ Pressure gauge
   Blank : No gauge
   G : Pressure gauge
⑦ Set pressure range
   2K : 0.005~0.2 Mpa
   4K : 0.01~0.4 Mpa
   8K : 0.01~0.8 Mpa

브라켓 개별 주문품번

PER 3 B

① Precision Pressure Regulator
② Body size
   1 : PER 1 (1/8)
   2 : PER 2 (1/4)
   3 : PER 3 (3/8)
③ Bracket

압력계 개별 주문품번

G33 4K

① Diameter size
   G33 : 023
   G42 : 042
② Set pressure range
   2K : 0.005~0.2 Mpa
   4K : 0.01~0.4 Mpa
   8K : 0.01~0.8 Mpa
## 표준사항

<table>
<thead>
<tr>
<th>시리즈명</th>
<th>PER1</th>
<th>PER2</th>
<th>PER3</th>
</tr>
</thead>
<tbody>
<tr>
<td>포트 사이즈</td>
<td>1/8</td>
<td>1/4</td>
<td>1/4</td>
</tr>
<tr>
<td>사용유형</td>
<td>공기</td>
<td>공기</td>
<td>공기</td>
</tr>
<tr>
<td>최고사용압력</td>
<td>1.0 Mpa</td>
<td>1.0 Mpa</td>
<td>1.0 Mpa</td>
</tr>
<tr>
<td>최저작동압력</td>
<td>설정 압력+0.05Mpa</td>
<td>설정 압력+0.05Mpa</td>
<td>설정 압력+0.05Mpa</td>
</tr>
<tr>
<td>보증압력</td>
<td>1.5 Mpa</td>
<td>1.5 Mpa</td>
<td>1.5 Mpa</td>
</tr>
<tr>
<td>합력조정범위</td>
<td>2K : 0.005~0.2 Mpa</td>
<td>2K : 0.005~0.2 Mpa</td>
<td>2K : 0.005~0.2 Mpa</td>
</tr>
<tr>
<td></td>
<td>4K : 0.01~0.4 Mpa</td>
<td>4K : 0.01~0.4 Mpa</td>
<td>4K : 0.01~0.4 Mpa</td>
</tr>
<tr>
<td></td>
<td>8K : 0.01~0.8 Mpa</td>
<td>8K : 0.01~0.8 Mpa</td>
<td>8K : 0.01~0.8 Mpa</td>
</tr>
<tr>
<td>감도</td>
<td>0.2% F.S</td>
<td>0.2% F.S</td>
<td>0.2% F.S</td>
</tr>
<tr>
<td>반복도</td>
<td>±0.5% F.S</td>
<td>±0.5% F.S</td>
<td>±0.5% F.S</td>
</tr>
<tr>
<td>주위온도</td>
<td>-5 ~ +60°C (No freezing)</td>
<td>-5 ~ +60°C (No freezing)</td>
<td>-5 ~ +60°C (No freezing)</td>
</tr>
<tr>
<td>부착방법</td>
<td>Bracket</td>
<td>Bracket</td>
<td>Bracket</td>
</tr>
<tr>
<td>슬센</td>
<td>Bracket, 합력계이지(G33)</td>
<td>Bracket, 합력계이지(G42)</td>
<td>Bracket, 합력계이지(G42)</td>
</tr>
<tr>
<td>무게</td>
<td>150g</td>
<td>300g</td>
<td>875g</td>
</tr>
</tbody>
</table>

### PER 1 유량 특성

![PER 1 유량 특성](image_1)

### PER 1 릴리프 특성

![PER 1 릴리프 특성](image_2)

### PER 1 압력 특성

![PER 1 압력 특성](image_3)
PER1~3 시리즈

PER 1 치수도

Panel mounting hole

PER 2 유량 특성

PER 2 릴리프 특성
PER 2 압력 특성

2K
Supply pressure: 0.7 MPa
Secondary pressure: 0.2 MPa
Flow: 0 l/min (ANR)

4K
Supply pressure: 0.7 MPa
Secondary pressure: 0.2 MPa
Flow: 0 l/min (ANR)

8K
Supply pressure: 0.7 MPa
Secondary pressure: 0.2 MPa
Flow: 0 l/min (ANR)

PER 2 치수도

Panel mounting hole

Panel

Bleed
SUP
OUT
2x1/8 Pressure gauge port size

PER 3 유량 특성

2K
Primary pressure 0.3 MPa

4K
Primary pressure 0.7 MPa

8K
Primary pressure 1.0 MPa
PER 3 시리즈

PER 3 밸리프 특성

PER 3 압력 특성

PER 3 치수도