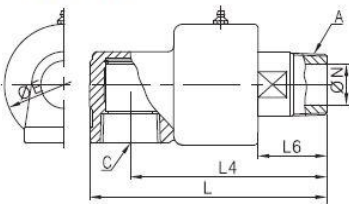


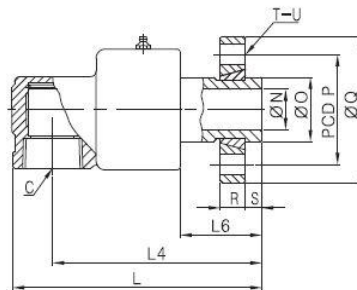


## 단식 [SINGLE]

KR2211  
KR2212



KR2215



## ■ Operating Condition

Size Range :

6A~80A (1/8"~3")

Max. Pressure : 10kg/cm<sup>2</sup> (150PSI)

Max. Rotation Speed :

6A~25A (1/8"~1") : 1000RPM

32A~40A (1 1/4"~1 1/2") : 700RPM

50A~80A (2"~3") : 500RPM

Max. Temperature : 100°C (210°F)

Media : Water, Air, Gas, Oil

\* Avoid max. pressure at max. rpm operation

## ■ Features / 특징

- Balanced Seal Type
  - Enables High speed rotation at High pressure
  - Low friction
- Stainless steel shaft and springs.
- Silicon-Carbide Sealing for KRS model
  - Extended running hours than KR model
  - Protection against media contamination by rust, scale, chips & other harmful abrasives.

- Balance Seal Type으로 높은 압력하에서 회전저항이 낮고 고속회전이 가능합니다.
- 스테인레스 스틸로 된 Shaft, Spring 등으로 구성되어 내부식성이 탁월합니다.
- KRS 제품은 실리콘카바이드 소재의 Seal로 구성되어 있으며 유체에 불순물이나 녹이 함유되어 있는 경우와 KR 제품보다 2배이상 긴 수명을 필요로 할 경우 KRS 제품을 사용하십시오.

\* 최고회전수 조건에서 최고압력 사용을 피하여 주십시오.

[unit : mm]

| MODEL NO.  |            | A      | C      | E   | L   | L4    | L6 | N   | X  | Wt   |
|------------|------------|--------|--------|-----|-----|-------|----|-----|----|------|
| PT [RH]    | PT [LH]    | (PT)   | (PT)   |     |     |       |    |     |    | (kg) |
| KR2211-6A  | KR2212-6A  | 1/8"   | 1/4"   | 40  | 78  | 67    | 23 | 5   | 14 | 0.5  |
| KR2211-8A  | KR2212-8A  | 1/4"   | 1/4"   | 40  | 78  | 67    | 23 | 5   | 14 | 0.5  |
| KR2211-10A | KR2212-10A | 3/8"   | 3/8"   | 40  | 93  | 76    | 26 | 9.5 | 17 | 0.4  |
| KR2211-15A | KR2212-15A | 1/2"   | 1/2"   | 51  | 114 | 96.5  | 35 | 13  | 21 | 0.65 |
| KR2211-20A | KR2212-20A | 3/4"   | 3/4"   | 56  | 122 | 101.5 | 38 | 17  | 26 | 0.83 |
| KR2211-25A | KR2212-25A | 1"     | 1"     | 66  | 131 | 108.5 | 38 | 22  | 30 | 1.2  |
| KR2211-32A | KR2212-32A | 1-1/4" | 1-1/2" | 88  | 173 | 138   | 46 | 30  | 46 | 2.7  |
| KR2211-40A | KR2212-40A | 1-1/2" | 1-1/2" | 88  | 173 | 138   | 46 | 35  | 46 | 2.6  |
| KR2211-50A | KR2212-50A | 2"     | 2"     | 106 | 206 | 168   | 58 | 48  | 60 | 5.0  |
| KR2211-65A | KR2212-65A | 2-1/2" | 2-1/2" | 127 | 240 | 191   | 64 | 60  | 75 | 9.0  |
| KR2211-80A | KR2212-80A | 3"     | 3"     | 145 | 278 | 224   | 75 | 70  | 89 | 14.5 |

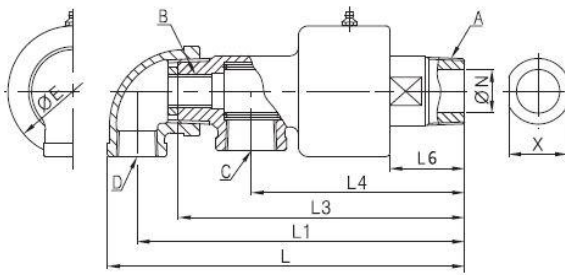
| MODEL NO.<br>FLANGE | C      | E   | L   | L4    | L6 | N  | O  | P   | Q   | R  | S  | T | U   | Wt   |
|---------------------|--------|-----|-----|-------|----|----|----|-----|-----|----|----|---|-----|------|
|                     | (PT)   |     |     |       |    |    |    |     |     |    |    |   |     | (kg) |
| KR2215-15A          | 1/2"   | 51  | 114 | 96.5  | 35 | 13 | 25 | 45  | 62  | 11 | 8  | 4 | Ø9  | 0.9  |
| KR2215-20A          | 3/4"   | 56  | 126 | 105.5 | 42 | 17 | 30 | 54  | 74  | 13 | 8  | 4 | Ø11 | 1.2  |
| KR2215-25A          | 1"     | 66  | 138 | 115.5 | 45 | 22 | 35 | 60  | 80  | 14 | 9  | 4 | Ø11 | 1.6  |
| KR2215-40A          | 1-1/2" | 88  | 182 | 147   | 55 | 35 | 50 | 75  | 96  | 16 | 9  | 4 | Ø11 | 3.2  |
| KR2215-50A          | 2"     | 106 | 206 | 168   | 58 | 48 | 65 | 95  | 120 | 19 | 10 | 4 | Ø14 | 5.8  |
| KR2215-65A          | 2-1/2" | 127 | 240 | 191   | 64 | 60 | 80 | 110 | 136 | 20 | 12 | 4 | Ø14 | 10.8 |
| KR2215-80A          | 3"     | 145 | 268 | 214   | 65 | 70 | 90 | 125 | 154 | 20 | 12 | 6 | Ø14 | 15.0 |

※ KRS Model : Silicon Carbide Sealing

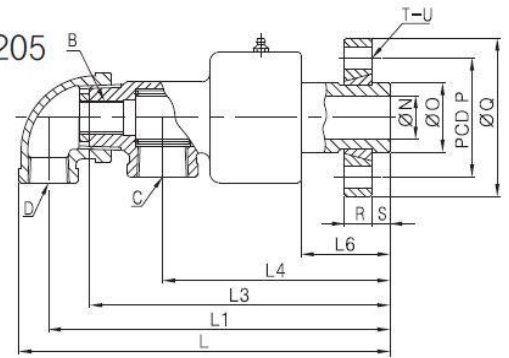
※ Also available thread connection : Metric , NPT , PF/UNF

## 복식 내관 고정 [DUPLEX | STATIONARY SYPHON]

KR2201  
KR2202

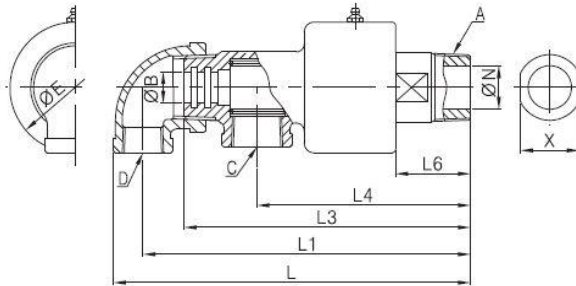


KR2205

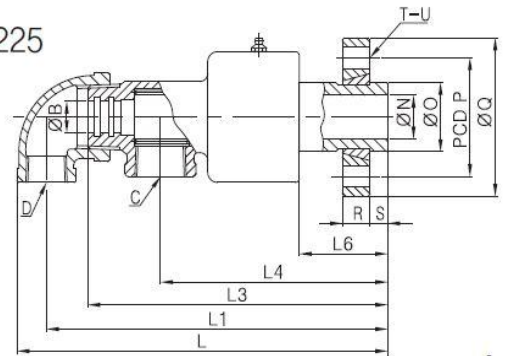


## 복식 내관 회전 [DUPLEX | ROTARY SYPHON]

KR2221  
KR2222



KR2225



[unit : mm]

| MODEL NO.                |                          | A      | B        | C      | D      | E   | L   | L1    | L3    | L4    | L6 | N  | X  | Wt   |
|--------------------------|--------------------------|--------|----------|--------|--------|-----|-----|-------|-------|-------|----|----|----|------|
| PT [RH]                  | PT [LH]                  | (PT)   | (PF, Ø)  | (PT)   | (PT)   |     |     |       |       |       |    |    |    | (kg) |
| KR2201-15A-6A            | KR2202-15A-6A            | 1/2"   | 1/8"     | 1/2"   | 1/2"   | 51  | 162 | 147   | 129   | 96.5  | 35 | 13 | 21 | 0.8  |
| KR2221-15A-Ø9            | KR2222-15A-Ø9            | 1/2"   | 9        | 1/2"   | 1/2"   | 51  | 162 | 147   | 129   | 96.5  | 35 | 13 | 21 | 0.8  |
| KR2201-20A-8A            | KR2202-20A-8A            | 3/4"   | 1/4"     | 1/2"   | 1/2"   | 56  | 168 | 153   | 134   | 101.5 | 38 | 17 | 26 | 1    |
| KR2221-20A-Ø9, Ø13       | KR2222-20A-Ø9, Ø13       | 3/4"   | 9,13     | 1/2"   | 1/2"   | 56  | 168 | 153   | 134   | 101.5 | 38 | 17 | 26 | 1    |
| KR2201-25A-10A           | KR2202-25A-10A           | 1"     | 3/8"     | 3/4"   | 1/2"   | 66  | 182 | 166.5 | 145.5 | 108.5 | 38 | 22 | 30 | 1.5  |
| KR2221-25A-Ø13, Ø16      | KR2222-25A-Ø13, Ø16      | 1"     | 13,16    | 3/4"   | 1/2"   | 66  | 182 | 166.5 | 145.5 | 108.5 | 38 | 22 | 30 | 1.5  |
| KR2201-32A-15A           | KR2202-32A-15A           | 1-1/4" | 1/2"     | 1"     | 3/4"   | 88  | 234 | 215   | 192   | 138   | 46 | 30 | 46 | 3.1  |
| KR2221-32A-Ø20           | KR2222-32A-Ø20           | 1-1/4" | 20       | 1"     | 3/4"   | 88  | 234 | 215   | 192   | 138   | 46 | 30 | 46 | 3.1  |
| KR2201-40A-20A           | KR2202-40A-20A           | 1-1/2" | 3/4"     | 1"     | 3/4"   | 88  | 234 | 215   | 192   | 138   | 46 | 35 | 46 | 3    |
| KR2221-40A-Ø20, Ø26      | KR2222-40A-Ø20, Ø26      | 1-1/2" | 20,26    | 1"     | 3/4"   | 88  | 234 | 215   | 192   | 138   | 46 | 35 | 46 | 3    |
| KR2201-50A-25A           | KR2202-50A-25A           | 2"     | 1"       | 1-1/2" | 1"     | 106 | 280 | 256   | 228   | 168   | 58 | 48 | 60 | 5.5  |
| KR2221-50A-Ø26, Ø32      | KR2222-50A-Ø26, Ø32      | 2"     | 26,32    | 1-1/2" | 1"     | 106 | 280 | 256   | 228   | 168   | 58 | 48 | 60 | 5.5  |
| KR2201-65A-32A           | KR2202-65A-32A           | 2-1/2" | 1-1/4"   | 2"     | 1-1/2" | 127 | 336 | 306   | 271   | 194   | 64 | 60 | 75 | 10.4 |
| KR2221-65A-Ø32, Ø40, Ø48 | KR2222-65A-Ø32, Ø40, Ø48 | 2-1/2" | 32,40,48 | 2"     | 1-1/2" | 127 | 336 | 306   | 271   | 194   | 64 | 60 | 75 | 10.4 |
| KR2201-80A-40A           | KR2202-80A-40A           | 3"     | 1-1/2"   | 2"     | 1-1/2" | 145 | 337 | 309   | 285   | 212   | 75 | 70 | 89 | 13   |
| KR2221-80A-Ø48           | KR2222-80A-Ø48           | 3"     | 48       | 2"     | 1-1/2" | 145 | 337 | 309   | 285   | 212   | 75 | 70 | 89 | 13   |

| MODEL NO.<br>FLANGE      | B        | C      | D      | E   | L   | L1    | L3    | L4    | L6 | N  | O  | P   | Q   | R  | S  | T | U   | Wt   |
|--------------------------|----------|--------|--------|-----|-----|-------|-------|-------|----|----|----|-----|-----|----|----|---|-----|------|
|                          | (PF, Ø)  | (PT)   | (PT)   |     |     |       |       |       |    |    |    |     |     |    |    |   |     | (kg) |
| KR2205-15A-6A            | 1/8"     | 1/2"   | 1/2"   | 51  | 162 | 147   | 129   | 96.5  | 35 | 13 | 25 | 45  | 62  | 11 | 8  | 4 | Ø9  | 1.1  |
| KR2225-15A-Ø9            | 9        | 1/2"   | 1/2"   | 51  | 162 | 147   | 129   | 96.5  | 35 | 13 | 25 | 45  | 62  | 11 | 8  | 4 | Ø9  | 1.1  |
| KR2205-20A-8A            | 1/4"     | 1/2"   | 1/2"   | 56  | 172 | 157   | 138   | 105.5 | 42 | 17 | 30 | 54  | 74  | 13 | 8  | 4 | Ø11 | 1.4  |
| KR2225-20A-Ø9, Ø13       | 9,13     | 1/2"   | 1/2"   | 56  | 172 | 157   | 138   | 105.5 | 42 | 17 | 30 | 54  | 74  | 13 | 8  | 4 | Ø11 | 1.4  |
| KR2205-25A-10A           | 3/8"     | 3/4"   | 1/2"   | 66  | 189 | 173.5 | 152.5 | 115.5 | 45 | 22 | 35 | 60  | 80  | 14 | 9  | 4 | Ø11 | 1.7  |
| KR2225-25A-Ø13, Ø16      | 13,16    | 3/4"   | 1/2"   | 66  | 189 | 173.5 | 152.5 | 115.5 | 45 | 22 | 35 | 60  | 80  | 14 | 9  | 4 | Ø11 | 1.7  |
| KR2205-40A-20A           | 3/4"     | 1"     | 3/4"   | 88  | 243 | 224   | 201   | 147   | 55 | 35 | 50 | 75  | 96  | 16 | 9  | 4 | Ø11 | 3.7  |
| KR2225-40A-Ø20, Ø26      | 20,26    | 1"     | 3/4"   | 88  | 243 | 224   | 201   | 147   | 55 | 35 | 50 | 75  | 96  | 16 | 9  | 4 | Ø11 | 3.7  |
| KR2205-50A-25A           | 1"       | 1-1/2" | 1"     | 106 | 280 | 256   | 228   | 168   | 58 | 48 | 65 | 95  | 120 | 19 | 10 | 4 | Ø14 | 6.5  |
| KR2225-50A-Ø26, Ø32      | 26,32    | 1-1/2" | 1"     | 106 | 280 | 256   | 228   | 168   | 58 | 48 | 65 | 95  | 120 | 19 | 10 | 4 | Ø14 | 6.5  |
| KR2205-65A-32A           | 1-1/4"   | 2"     | 1-1/2" | 127 | 336 | 306   | 271   | 194   | 64 | 60 | 80 | 110 | 136 | 20 | 12 | 4 | Ø14 | 11.7 |
| KR2225-65A-Ø32, Ø40, Ø48 | 32,40,48 | 2"     | 1-1/2" | 127 | 336 | 306   | 271   | 194   | 64 | 60 | 80 | 110 | 136 | 20 | 12 | 4 | Ø14 | 11.7 |
| KR2205-80A-40A           | 1-1/2"   | 2"     | 1-1/2" | 145 | 327 | 299   | 275   | 202   | 65 | 70 | 90 | 125 | 154 | 20 | 12 | 6 | Ø14 | 13.6 |
| KR2225-80A-Ø48           | 48       | 2"     | 1-1/2" | 145 | 327 | 299   | 275   | 202   | 65 | 70 | 90 | 125 | 154 | 20 | 12 | 6 | Ø14 | 13.6 |

※ KRS Model : Silicon Carbide Sealing

※ Also available thread connection : Metric , NPT , PF/UNF