

IDI
한국

로드씰 전용패킹
우레탄(AU)

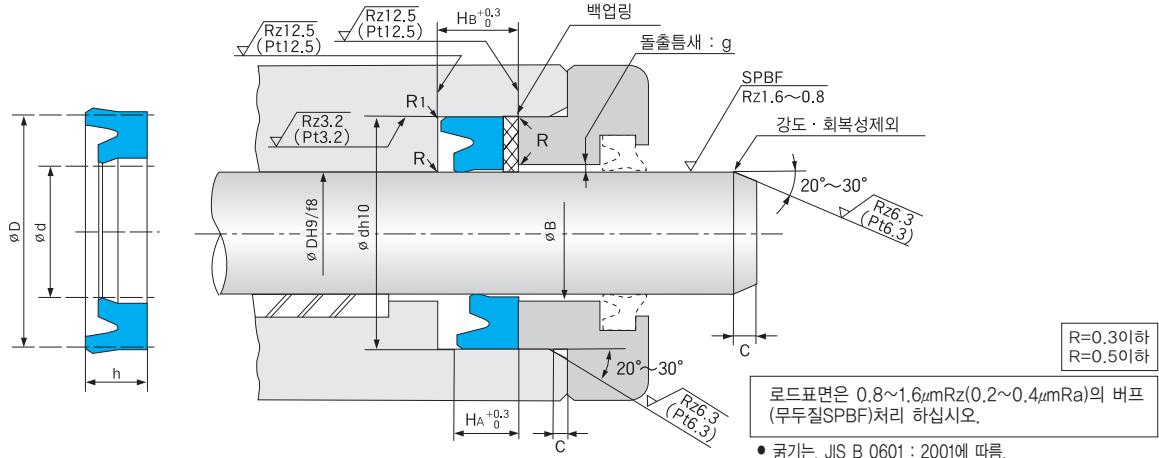


- 주문하실 때는 KNS부품번호 및 형식치수를 지정해 주십시오.

* 병용 백업링을 주문하실 때는, KNS 부품번호 및 형식치수를 지정해 주십시오

| | | | | |
|--------|-----------|--------|------------------------------------|-------|
| · 형식치수 | BRT3 | 6.3 | 14.3 | 2 |
| | | └ 형식기호 | └ 백업링 호칭치수 내경(d), 외경(D), 두께(t)순 | |
| · 부품번호 | KGN7259V0 | | | * t = |

| | |
|-------|---|
| 재료 | KNS U801 |
| 특별 주문 | 이 치수표에 기재되어 있지 않은 치수 또는 치수표에 기재되어 있어도 표준 재료와 다른 재료(고무)를 구하는 경우 새로운 성형형이 필요할 수가 있으므로 별도 견적서를 드립니다. |



| 패킹 호칭 치수 및 장착부 치수 | | | | | | 패킹 부품 번호 | 병용 백업링 부품 번호 |
|-------------------|------|-----|-----|------|-----|-------------|--------------|
| d | D | h | HA | HB | C | BRT3(엔드리스) | BRN3(엔드리스) |
| 6.3 | 14.3 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0021F0 | KGN7259V0 |
| | 16.3 | 6 | 7 | 9 | | ※ KFU0022F0 | KGN0720V0 |
| | 16.3 | 7.5 | 8.5 | 10.5 | | KFU0023F0 | KGN0720V0 |
| | 16.3 | 8 | 9 | 11 | | KFU0024F0 | KGN0720V0 |
| 8 | 16 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0039F0 | KGN7260V0 |
| | 18 | 6 | 7 | 9 | | ※ KFU0041F0 | KGN0725V0 |
| | 18 | 7.5 | 8.5 | 10.5 | | KFU0042F0 | KGN0725V0 |
| | 18 | 8 | 9 | 11 | | KFU0043F0 | KGN0725V0 |
| 9 | 17 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0051F0 | KGN7261V0 |
| | 19 | 6 | 7 | 9 | | ※ KFU0052F0 | KGN0728V0 |
| | 19 | 7.5 | 8.5 | 10.5 | | KFU0053F0 | KGN0728V0 |
| | 19 | 8 | 9 | 11 | | KFU0054F0 | KGN0728V0 |
| 10 | 18 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0064F0 | KGN7262V0 |
| | 20 | 6 | 7 | 9 | | ※ KFU0066F0 | KGN0733V0 |
| | 20 | 7.5 | 8.5 | 10.5 | | KFU0068F0 | KGN0733V0 |
| | 20 | 8 | 9 | 11 | | KFU0069F0 | KGN0733V0 |
| 11.2 | 19.2 | 5 | 5.7 | 7.7 | 3.5 | ※ KFU0078F0 | KGN7236V0 |
| | 21.2 | 6 | 7 | 9 | | ※ KFU0079F0 | KGN0736V0 |
| | 21.2 | 7.5 | 8.5 | 10.5 | | KFU0080F0 | KGN0736V0 |
| | 21.2 | 8 | 9 | 11 | | KFU0081F0 | KGN0736V0 |
| 12.5 | 20.5 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0098F0 | KGN7263V0 |
| | 22.5 | 6 | 7 | 9 | | ※ KFU0100F0 | KGN0741V0 |
| | 22.5 | 7.5 | 8.5 | 10.5 | | KFU0101F0 | KGN0741V0 |
| | 22.5 | 8 | 9 | 11 | | KFU0102F0 | KGN0741V0 |
| 14 | 22 | 5 | 5.7 | 7.7 | 2.5 | ※ KFU0116F0 | KGN7238V0 |
| | 24 | 6 | 7 | 9 | | ※ KFU0120F0 | KGN0745V0 |
| | 24 | 7.5 | 8.5 | 10.5 | | KFU0121F0 | KGN0745V0 |
| | 24 | 8 | 9 | 11 | | KFU0122F0 | KGN0745V0 |
| 15 | 23 | 5 | 5.7 | 7.7 | 3.5 | ※ KFU0131F0 | KGN7264V0 |
| | 25 | 6 | 7 | 9 | | ※ KFU0134F0 | KGN0749V0 |
| | 25 | 8 | 9 | 11 | | KFU0135F0 | KGN0749V0 |
| | 28 | 8 | 9 | 11 | | KFU0136F0 | KGN6445V0 |
| 16 | 28 | 10 | 11 | 13 | 2.5 | KFU0137F0 | KGN6445V0 |
| | 24 | 5 | 5.7 | 7.7 | | ※ KFU0150F0 | KGN7265V0 |
| | 26 | 6 | 7 | 9 | | ※ KFU0155F0 | KGN0751V0 |
| | 26 | 7.5 | 8.5 | 10.5 | | KFU0156F0 | KGN0751V0 |
| 18 | 28 | 6 | 7 | 9 | 3.5 | KFU0157F0 | KGN0751V0 |
| | 28 | 8 | 9 | 11 | | ※ KFU0181F0 | KGN0757V0 |
| | 31 | 8 | 9 | 11 | | KFU0182F0 | KGN0757V0 |
| | 31 | 10 | 11 | 13 | | KFU0185F0 | KGN6446V0 |
| | | | | | | KFU0186F0 | KGN6446V0 |
| | | | | | | | KGN9107O1 |

(주) 표시치수 : 내압(耐壓)한계는 ISO형에 준합니다.

B치수구하는 방법

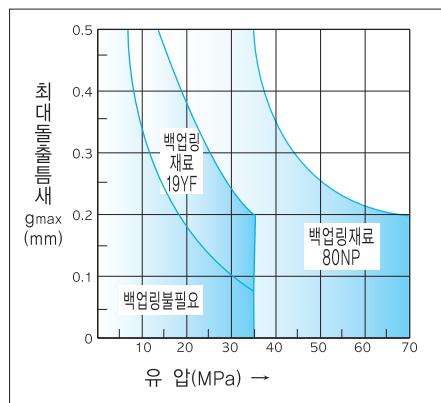
■ 백업링을 사용하는 경우

B치수는 아래표에 근거하여 설정하십시오. 실린더 구조상 B치수를 한층 더 작게 하는 경우 별도 KNS에 상담하십시오.

| | | | |
|----------|-----------------------|-----------------------|-----------------------|
| 사용 최고 압력 | 14MPa | 21MPa | 35MPa |
| 백업 링 재료 | 19YF | | |
| B치수 | $B \leq \phi d + 1.0$ | $B \leq \phi d + 0.5$ | $B \leq \phi d + 0.2$ |
| 사용 최고 압력 | 35MPa | 42MPa | 70MPa |
| 백업 링 재료 | 80NP | | |
| B치수 | $B \leq \phi d + 0.8$ | $B \leq \phi d + 0.4$ | $B \leq \phi d + 0.2$ |

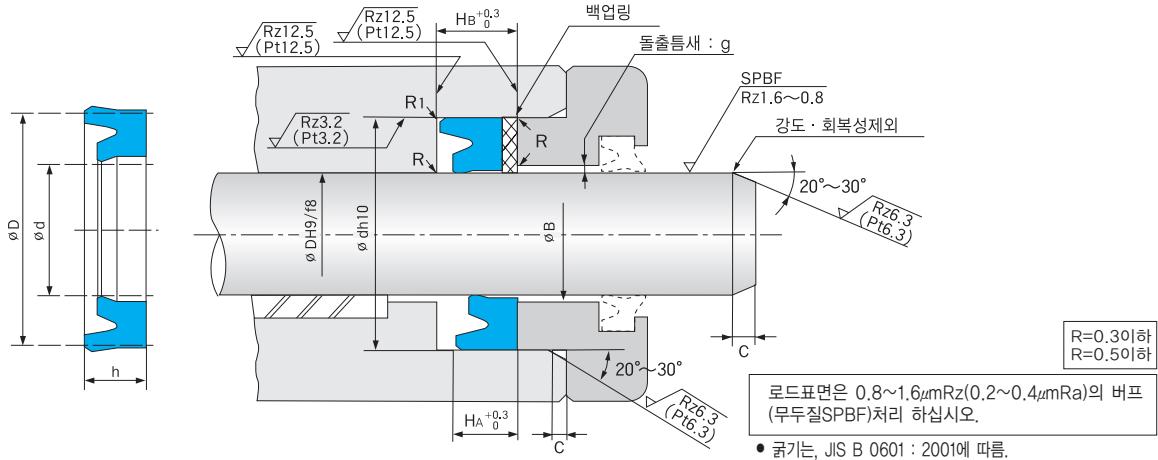
■ 백업링을 사용하지 않는 경우

B치수 결정시 피스톤의 편심(偏心)을 고려하여 최대돌출틈새(편측片側)를 오른쪽 그래프와 맞춰보십시오.



| 패킹호칭치수 및 장착부치수 | | | | | | 패 부품 번호 | 병용백업링 | | 부품번호 BRN3(엔드리스) 80NP |
|----------------|------|----|----|----|---|---------------|------------|-----------|----------------------------|
| d | D | h | HA | HB | C | | BRT3(엔드리스) | 19YF | |
| 20 | 30 | 6 | 7 | 9 | | ※ KFU0214F0 | KGN0762V0 | KGN10901 | |
| | 30 | 8 | 9 | 11 | | KFU0215F0 | KGN0762V0 | KGN10901 | |
| | 33 | 8 | 9 | 11 | | KFU0220F0 | KGN6448V0 | KGN911001 | |
| | 33 | 10 | 11 | 13 | | KFU0221F0 | KGN6448V0 | KGN911001 | |
| 22 | 35 | 10 | 11 | 13 | | KFU0249F0 | KGN6449V0 | KGN911001 | |
| 22.4 | 32.4 | 6 | 7 | 9 | | ※ KFU0262F0 | KGN0771V0 | KGN983400 | |
| | 32.4 | 8 | 9 | 11 | | KFU0263F0 | KGN0771V0 | KGN983400 | |
| | 35.4 | 8 | 9 | 11 | | KFU0264F0 | KGN6107V0 | KGN979800 | |
| | 35.4 | 10 | 11 | 13 | | KFU0265F0 | KGN6107V0 | KGN979800 | |
| 25 | 35 | 6 | 7 | 9 | | ※ KFU0279F0 | KGN0781V0 | KGN911501 | |
| | 35 | 8 | 9 | 11 | | KFU0282F0 | KGN0781V0 | KGN911501 | |
| | 38 | 8 | 9 | 11 | | KFU0287F0 | KGN6453V0 | KGN911601 | |
| | 38 | 10 | 11 | 13 | | KFU0288F0 | KGN6453V0 | KGN911601 | |
| | 40 | 9 | 10 | 12 | | KFU0291F0 | KGN6591V0 | KGN980000 | |
| | 40 | 10 | 11 | 13 | | KFU0292F0 | KGN6591V0 | KGN980000 | |
| 27 | 40 | 10 | 11 | 14 | | KFU2130F0 | KGN6455V0 | KGN911801 | |
| 28 | 38 | 6 | 7 | 10 | | ※ KFU0322F0 | KGN7268V0 | KGN983500 | |
| | 38 | 8 | 9 | 12 | | KFU0323F0 | KGN7268V0 | KGN983500 | |
| | 41 | 8 | 9 | 12 | | KFU0334F0 | KGN6458V0 | KGN912101 | |
| | 41 | 10 | 11 | 14 | | KFU0335F0 | KGN6458V0 | KGN912101 | |
| | 43 | 9 | 10 | 13 | | KFU0339F0 | KGN0791V0 | KGN983600 | |
| | 43 | 10 | 11 | 14 | | KFU0340F0 | KGN0791V0 | KGN983600 | |
| 30 | 40 | 8 | 9 | 12 | | KFU0359F0 | KGN6361V0 | KGN912201 | |
| | 43 | 10 | 11 | 14 | | KFU0364F0 | KGN6459V0 | KGN912301 | |
| | 45 | 9 | 10 | 13 | | KFU0367F0 | KGN7061V0 | KGN980100 | |
| | 45 | 10 | 11 | 14 | | KFU0368F0 | KGN7061V0 | KGN980100 | |
| 31.5 | 41.5 | 8 | 9 | 12 | | KFU0383F0 | KGN6460V0 | KGN912401 | |
| | 44.5 | 8 | 9 | 12 | | KFU0384F0 | KGN6460V0 | KGN912501 | |
| | 44.5 | 10 | 11 | 14 | | KFU0385F0 | KGN6460V0 | KGN912501 | |
| | 46.5 | 9 | 10 | 13 | | KFU0386F0 | KGN0805V0 | KGN983700 | |
| | 46.5 | 10 | 11 | 14 | | KFU0387F0 | KGN0805V0 | KGN983700 | |
| | 50 | 12 | 13 | 16 | | KFU0408F0 | KGN6462V0 | KGN912601 | |
| 35 | 45 | 8 | 9 | 12 | | KFU0427F0 | KGN6463V0 | KGN912701 | |
| | 50 | 9 | 10 | 13 | | KFU0436F0 | KGN0816V0 | KGN912801 | |
| | 50 | 10 | 11 | 14 | | KFU0437F0 | KGN0816V0 | KGN912801 | |
| | 50 | 12 | 13 | 16 | | KFU0438F0 | KGN0816V0 | KGN912801 | |
| 35.5 | 45.5 | 8 | 9 | 12 | | KFU0453F0 | KGN7271V0 | KGN978801 | |
| | 50.5 | 9 | 10 | 13 | | KFU0455F0 | KGN0820V0 | KGN995400 | |
| | 50.5 | 10 | 11 | 14 | | KFU0456F0 | KGN0820V0 | KGN995400 | |
| | 51.5 | 10 | 11 | 14 | | KFU0457F0 | KGN6330V0 | KGN913001 | |
| | 51.5 | 12 | 13 | 16 | | KFU0458F0 | KGN6330V0 | KGN913001 | |
| | 55 | 12 | 13 | 16 | | | | | |

(주) ※ 표시치수 : 내압(耐壓)한계는 ISI형에 준합니다.



| 패킹호칭 치수 및 장착부 치수 | | | | | | 4 | 패킹부품 번호 | 병용 백업링부품 번호 |
|------------------|----|----|----------------|----------------|---|---|------------|-------------|
| d | D | h | H _A | H _B | C | | BRT3(엔드리스) | BRN3(엔드리스) |
| | | | | | | | 19YF | 80NP |
| 40 | 50 | 8 | 9 | 12 | | 4 | K FU0498F0 | K GN6465V0 |
| | 55 | 9 | 10 | 13 | | | K FU0504F0 | K GN6759V0 |
| | 55 | 10 | 11 | 14 | | | K FU0505F0 | K GN6759V0 |
| | 56 | 10 | 11 | 14 | | | K FU0508F0 | K GN6466V0 |
| | 56 | 12 | 13 | 16 | | | K FU0509F0 | K GN6466V0 |
| 45 | 55 | 8 | 9 | 12 | | 4 | K FU0569F0 | K GN6467V0 |
| | 60 | 9 | 10 | 13 | | | K FU0575F0 | K GN0845V0 |
| | 60 | 10 | 11 | 14 | | | K FU0577F0 | K GN0845V0 |
| | 61 | 10 | 11 | 14 | | | K FU0579F0 | K GN6469V0 |
| | 61 | 12 | 13 | 16 | | | K FU0580F0 | K GN6469V0 |
| 47 | 63 | 12 | 13 | 16 | | 4 | K FU0591F0 | K GN6471V0 |
| | 60 | 8 | 9 | 12 | | | K FU0620F0 | K GN6302V0 |
| | 65 | 9 | 10 | 13 | | | K FU0630F0 | K GN6439V0 |
| | 65 | 10 | 11 | 14 | | | K FU0631F0 | K GN6439V0 |
| | 66 | 10 | 11 | 14 | | | K FU0634F0 | K GN6329V0 |
| 50 | 66 | 12 | 13 | 16 | | 4 | K FU0635F0 | K GN6329V0 |
| | 70 | 12 | 13 | 16 | | | K FU0639F0 | K GN6592V0 |
| | 69 | 12 | 13 | 16 | | | K FU0682F0 | K GN7008V0 |
| | 65 | 8 | 9 | 12 | | | K FU0696F0 | K GN6472V0 |
| | 70 | 9 | 10 | 13 | | | K FU0700F0 | K GN6408V0 |
| 53 | 70 | 10 | 11 | 14 | | 4 | K FU0701F0 | K GN6408V0 |
| | 71 | 10 | 11 | 14 | | | K FU0703F0 | K GN6473V0 |
| | 71 | 12 | 13 | 16 | | | K FU0704F0 | K GN6473V0 |
| | 75 | 12 | 13 | 16 | | | K FU0708F0 | K GN7249V0 |
| | 66 | 8 | 9 | 12 | | 4 | K FU0723F0 | K GN6474V0 |
| 56 | 71 | 9 | 10 | 13 | | | K FU0724F0 | K GN7247V0 |
| | 71 | 10 | 11 | 14 | | | K FU0725F0 | K GN7247V0 |
| | 72 | 10 | 11 | 14 | | | K FU0726F0 | K GN7009V0 |
| | 72 | 12 | 13 | 16 | | | K FU0727F0 | K GN7009V0 |
| | 76 | 12 | 13 | 16 | | | K FU0728F0 | K GN0877V0 |
| 60 | 70 | 8 | 9 | 12 | | 4 | K FU0747F0 | K GN6444V0 |
| | 75 | 9 | 10 | 13 | | | K FU0753F0 | K GN6363V0 |
| | 75 | 10 | 11 | 14 | | | K FU0754F0 | K GN6363V0 |
| | 76 | 10 | 11 | 14 | | | K FU0756F0 | K GN6476V0 |
| | 76 | 12 | 13 | 16 | | | K FU0757F0 | K GN6476V0 |
| 63 | 80 | 12 | 13 | 16 | | 4 | K FU0761F0 | K GN0886V1 |
| | 73 | 8 | 9 | 12 | | | K FU0787F0 | K GN6477V0 |
| | 78 | 9 | 10 | 13 | | | K FU0788F0 | K GN6304V0 |
| | 78 | 10 | 11 | 14 | | | K FU0789F0 | K GN6304V0 |
| | 79 | 10 | 11 | 14 | | | K FU0790F0 | K GN7010V0 |
| 63 | 79 | 12 | 13 | 16 | | 4 | K FU0791F0 | K GN7010V0 |
| | 83 | 12 | 13 | 16 | | | K FU0793F0 | K GN0893V1 |
| | | | | | | | | K GN9842O0 |

B치수구하는 방법

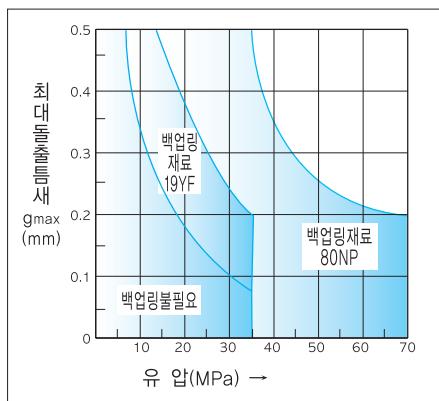
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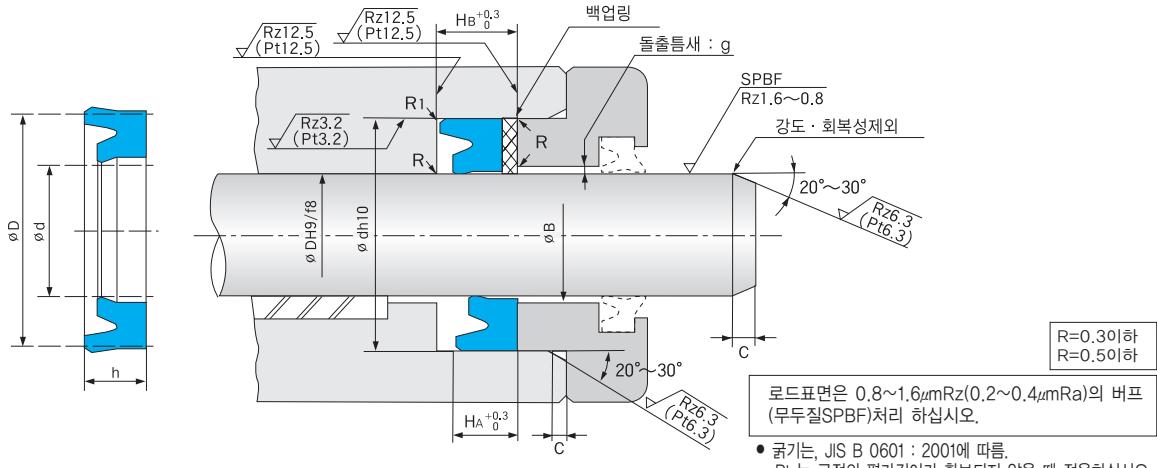
| | | | |
|----------|-----------------------|-----------------------|-----------------------|
| 사용 최고 압력 | 14MPa | 21MPa | 35MPa |
| 백업 링 재료 | 19YF | | |
| B치수 | $B \leq \phi d + 1.0$ | $B \leq \phi d + 0.5$ | $B \leq \phi d + 0.2$ |
| 사용 최고 압력 | 35MPa | 42MPa | 70MPa |
| 백업 링 재료 | 80NP | | |
| B치수 | $B \leq \phi d + 0.8$ | $B \leq \phi d + 0.4$ | $B \leq \phi d + 0.2$ |

■ 백업링을 사용하지 않는 경우

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| 패킹호칭치수 및 장착부치수 | | | | | | 패킹부품번호 | 별용백업링 | | 부품번호 BRN3(엔드리스) 80NP |
|----------------|-----|----|----|----|---|--------|------------|------------|----------------------------|
| d | D | h | HA | HB | C | | BRT3(엔드리스) | | |
| 64 | 80 | 12 | 13 | 16 | 4 | | K FU2131F0 | K GN6478V0 | K GN9148O1 |
| 65 | 75 | 8 | 9 | 12 | | | K FU0810F0 | K GN6479V0 | K GN9149O1 |
| | 80 | 9 | 10 | 13 | | | K FU0815F0 | K GN6364V0 | K GN9754O1 |
| | 80 | 12 | 13 | 16 | | | K FU0816F0 | K GN6364V0 | K GN9754O1 |
| | 85 | 12 | 13 | 16 | | | K FU0819F0 | K GN0899V0 | K GN9810O0 |
| 67 | 82 | 9 | 10 | 13 | | 5 | K FU0830F0 | K GN7273V0 | K GN9843O0 |
| | 87 | 15 | 16 | 19 | | | K FU0832F0 | K GN0904V0 | K GN9844O0 |
| 70 | 80 | 8 | 9 | 12 | | 5 | K FU0850F0 | K GN6362V1 | K GN9092O1 |
| | 85 | 9 | 10 | 13 | | | K FU0857F0 | K GN6442V0 | K GN9411O0 |
| | 85 | 10 | 11 | 14 | | | K FU0858F0 | K GN6442V0 | K GN9411O0 |
| | 90 | 12 | 13 | 16 | | | K FU0862F0 | K GN0910V0 | K GN9151O1 |
| | 90 | 15 | 16 | 19 | | | K FU0864F0 | K GN0910V0 | K GN9151O1 |
| 71 | 81 | 8 | 9 | 12 | | 5 | K FU0881F0 | K GN6482V0 | K GN9153O1 |
| | 86 | 9 | 10 | 13 | | | K FU0882F0 | K GN6603V0 | K GN9845O0 |
| | 86 | 10 | 11 | 14 | | | K FU0883F0 | K GN6603V0 | K GN9845O0 |
| | 91 | 12 | 13 | 16 | | | K FU0884F0 | K GN0914V0 | K GN9846O0 |
| | 91 | 15 | 16 | 19 | | | K FU0885F0 | K GN0914V0 | K GN9846O0 |
| 75 | 85 | 8 | 9 | 12 | | 5 | K FU0903F0 | K GN6729V0 | K GN9241O1 |
| | 90 | 9 | 10 | 13 | | | K FU0906F0 | K GN6443V0 | K GN9757O1 |
| | 90 | 10 | 11 | 14 | | | K FU0907F0 | K GN6443V0 | K GN9757O1 |
| | 95 | 12 | 13 | 16 | | | K FU0910F0 | K GN0920V0 | K GN9154O1 |
| | 95 | 15 | 16 | 19 | | | K FU0911F0 | K GN0920V0 | K GN9154O1 |
| 80 | 90 | 8 | 9 | 12 | | 5 | K FU0940F0 | K GN6483V0 | K GN9155O1 |
| | 95 | 9 | 10 | 13 | | | K FU0942F0 | K GN6898V0 | K GN9582O0 |
| | 95 | 10 | 11 | 14 | | | K FU0943F0 | K GN6898V0 | K GN9582O0 |
| | 100 | 12 | 13 | 16 | | | K FU0948F0 | K GN0927V0 | K GN9156O1 |
| | 100 | 15 | 16 | 19 | | | K FU0949F0 | K GN0927V0 | K GN9156O1 |
| 85 | 100 | 10 | 11 | 14 | | 5 | K FU0985F0 | K GN6484V0 | K GN9091O1 |
| | 105 | 12 | 13 | 16 | | | K FU0989F0 | K GN0935V0 | K GN9157O1 |
| | 105 | 15 | 16 | 19 | | | K FU0990F0 | K GN0932V0 | K GN9157O1 |
| 90 | 105 | 10 | 11 | 14 | | 5 | K FU1025F0 | K GN6485V0 | K GN9158O1 |
| | 110 | 12 | 13 | 16 | | | K FU1030F1 | K GN0939V0 | K GN9159O1 |
| | 110 | 15 | 16 | 19 | | | K FU1031F0 | K GN0939V0 | K GN9159O1 |
| 95 | 110 | 10 | 11 | 14 | | 5 | K FU1052F0 | K GN6486V0 | K GN9160O1 |
| | 115 | 12 | 13 | 16 | | | K FU1056F0 | K GN0945V0 | K GN9161O1 |
| | 115 | 15 | 16 | 19 | | | K FU1057F0 | K GN0945V0 | K GN9161O1 |



$R=0.3$ 이하
 $R=0.5$ 이하

로드표면은 $0.8 \sim 1.6 \mu\text{m} Rz (0.2 \sim 0.4 \mu\text{m} Ra)$ 의 버프
(무두질SPBF)처리 하십시오.

• 굵기는, JIS B 0601 : 2001에 따름.
Pt는 규정의 평가길이가 확보되지 않을 때 적용하십시오.

| 패킹호칭 치수 및 장착부 치수 | | | | | | 패킹부품 번호 | 병용 백업링 BRT3(엔드리스) | 부품 번호 BRN3(엔드리스) |
|------------------|-----|----|-------|-------|-----|------------|-------------------|------------------|
| d | D | h | H_A | H_B | C | | 19YF | 80NP |
| 100 | 115 | 10 | 11 | 14 | 5 | K FU1083F0 | KGN6488V0 | KGN9163O1 |
| | 120 | 12 | 13 | 16 | | K FU1089F0 | KGN0952V0 | KGN9164O1 |
| | 120 | 15 | 16 | 19 | | K FU1091F0 | KGN0952V0 | KGN9164O1 |
| 105 | 120 | 10 | 11 | 14 | 6.5 | K FU1126F0 | KGN6684V0 | KGN9589O1 |
| | 125 | 15 | 16 | 19 | | K FU1129F0 | KGN0959V0 | KGN9165O1 |
| | 125 | 16 | 17 | 20 | | K FU1130F0 | KGN0959V0 | KGN9165O1 |
| 106 | 121 | 10 | 11 | 14 | 6.5 | K FU1137F0 | KGN7274V0 | KGN9789O1 |
| | 126 | 15 | 16 | 19 | | K FU1138F0 | KGN0961V0 | KGN9847O0 |
| | 126 | 16 | 17 | 20 | | K FU1139F0 | KGN0961V0 | KGN9847O0 |
| 110 | 125 | 10 | 11 | 14 | 6.5 | K FU1158F0 | KGN6761V0 | KGN9430O1 |
| | 130 | 15 | 16 | 19 | | K FU1165F0 | KGN6790V0 | KGN9694O0 |
| | 130 | 16 | 17 | 20 | | K FU1166F0 | KGN6790V0 | KGN9694O0 |
| 112 | 127 | 9 | 10 | 13 | 6.5 | K FU1180F0 | KGN7275V0 | KGN9848O0 |
| | 127 | 10 | 11 | 14 | | K FU1181F0 | KGN7275V0 | KGN9848O0 |
| | 132 | 15 | 16 | 19 | | K FU1182F0 | KGN0970V0 | KGN9168O1 |
| 118 | 133 | 10 | 11 | 14 | 6.5 | K FU1183F0 | KGN0970V0 | KGN9168O1 |
| | 138 | 15 | 16 | 19 | | K FU1206F0 | KGN7276V0 | KGN9790O1 |
| | 138 | 16 | 17 | 20 | | K FU1207F0 | KGN0978V0 | KGN9849O0 |
| 120 | 135 | 10 | 11 | 14 | 6.5 | K FU1208F0 | KGN0978V0 | KGN9849O0 |
| | 140 | 15 | 16 | 19 | | K FU1221F0 | KGN6374V0 | KGN9768O0 |
| | 140 | 16 | 17 | 20 | | K FU1224F0 | KGN0982V0 | KGN9169O1 |
| 125 | 140 | 10 | 11 | 14 | 6.5 | K FU1225F0 | KGN0982V0 | KGN9169O1 |
| | 145 | 12 | 13 | 16 | | K FU1253F0 | KGN6491V0 | KGN9170O1 |
| | 145 | 16 | 17 | 20 | | K FU1256F0 | KGN0986V0 | KGN9850O0 |
| 130 | 150 | 19 | 20 | 23 | 6.5 | K FU1258F0 | KGN0986V0 | KGN9850O0 |
| | 150 | 20 | 21 | 24 | | K FU2132F0 | KGN6135V0 | KGN9171O1 |
| | 145 | 10 | 11 | 14 | | K FU1260F0 | KGN6135V0 | KGN9171O1 |
| 132 | 150 | 12 | 13 | 16 | 6.5 | K FU1281F0 | KGN6954V0 | KGN9742O0 |
| | 150 | 16 | 17 | 20 | | K FU1283F0 | KGN6925V0 | KGN9335O1 |
| | 157 | 20 | 21 | 24 | | K FU1285F0 | KGN6925V0 | KGN9335O1 |
| 135 | 160 | 19 | 20 | 23 | 6.5 | K FU1295F0 | KGN7013V0 | KGN9813O0 |
| | 160 | 20 | 21 | 24 | | K FU2133F0 | KGN6492V0 | KGN9172O1 |
| | 170 | 19 | 20 | 23 | | K FU2179F0 | KGN6492V0 | KGN9172O1 |
| 140 | 160 | 12 | 13 | 16 | 6.5 | K FU1324F0 | KGN6728V0 | KGN9410O1 |
| | 160 | 16 | 17 | 20 | | K FU1325F0 | KGN1002V0 | KGN9668O0 |
| | 165 | 19 | 20 | 23 | | K FU1328F0 | KGN1002V0 | KGN9668O0 |
| 145 | 165 | 20 | 21 | 24 | 6.5 | K FU1332F0 | KGN6494V0 | KGN9174O1 |
| | 170 | 19 | 20 | 23 | | K FU1333F0 | KGN6494V0 | KGN9174O1 |
| | 170 | 20 | 21 | 24 | | K FU2134F0 | KGN6496V0 | KGN9176O1 |

B치수구하는 방법

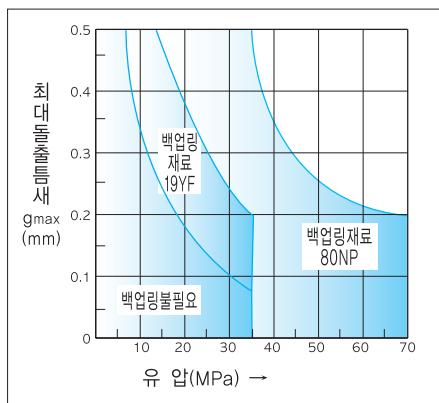
■ 백업링을 사용하는 경우

B치수는 아래표에 근거하여 설정하십시오. 실린더 구조상 B치수를 한층 더 작게 하는 경우 별도 KNS에 상담하십시오.

| | | | |
|----------|-----------------------|-----------------------|-----------------------|
| 사용 최고 압력 | 14MPa | 21MPa | 35MPa |
| 백업 링 재료 | 19YF | | |
| B치수 | $B \leq \phi d + 1.0$ | $B \leq \phi d + 0.5$ | $B \leq \phi d + 0.2$ |
| 사용 최고 압력 | 35MPa | 42MPa | 70MPa |
| 백업 링 재료 | 80NP | | |
| B치수 | $B \leq \phi d + 0.8$ | $B \leq \phi d + 0.4$ | $B \leq \phi d + 0.2$ |

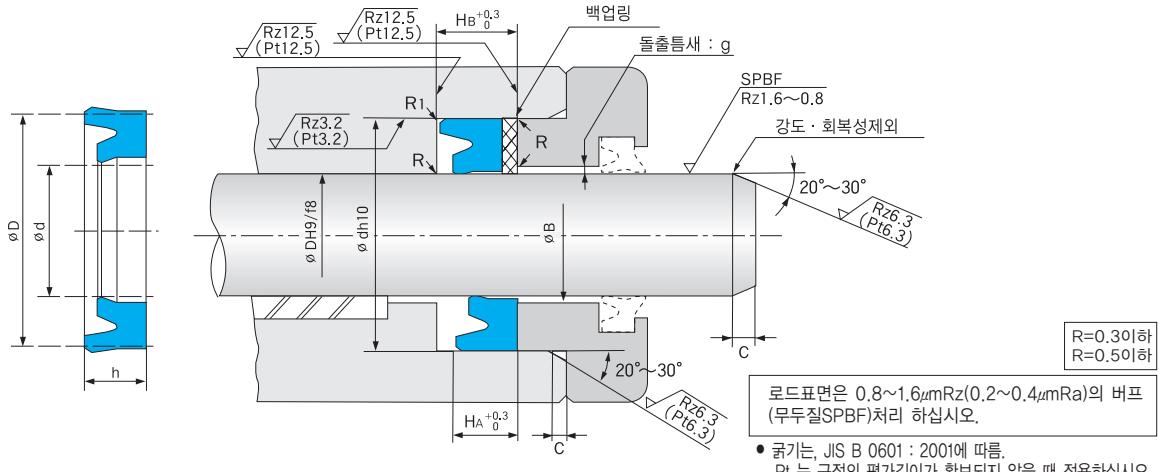
■ 백업링을 사용하지 않는 경우

B치수 결정시 피스톤의 편심(偏心)을 고려하여 최대돌출틈새(편측片側)를 오른쪽 그래프와 맞춰보십시오.



| 패킹호칭치수 및 장착부치수 | | | | | | 패킹부품번호 | 병용백업링 | | 부품번호 BRT3(엔드리스) 19YF |
|----------------|-----|----|----------------|----------------|---|------------|----------------------------|-----------|----------------------------|
| d | D | h | H _A | H _B | C | | 부품번호 BRN3(엔드리스) 80NP | | |
| 150 | 165 | 10 | 11 | 14 | | K FU1360F0 | K GN6497V0 | KGN9177O1 | |
| | 170 | 12 | 13 | 16 | | K FU1361F0 | K GN1011V0 | KGN9672O1 | |
| | 170 | 16 | 17 | 20 | | K FU1364F0 | K GN1011V0 | KGN9672O1 | |
| | 175 | 16 | 17 | 20 | | K FU1366F0 | K GN7014V0 | KGN9645O1 | |
| | 175 | 20 | 21 | 24 | | K FU1368F0 | K GN7014V0 | KGN9645O1 | |
| 155 | 180 | 19 | 20 | 24 | | K FU1393F0 | K GN1016V0 | KGN9179O1 | |
| | 180 | 20 | 21 | 25 | | K FU2181F0 | K GN1016V0 | KGN9179O1 | |
| 160 | 175 | 10 | 11 | 15 | | K FU1407F0 | K GN6499V0 | KGN9180O1 | |
| | 180 | 12 | 13 | 17 | | K FU1409F0 | K GN6905V0 | KGN9814O0 | |
| | 180 | 16 | 17 | 21 | | K FU1412F0 | K GN6905V0 | KGN9814O0 | |
| | 185 | 16 | 17 | 21 | | K FU1414F0 | K GN1020N0 | KGN9181O1 | |
| | 185 | 19 | 20 | 24 | | K FU2076F0 | K GN1020N0 | KGN9181O1 | |
| | 185 | 20 | 21 | 25 | | K FU1416F0 | K GN1020N0 | KGN9181O1 | |
| 170 | 185 | 10 | 11 | 15 | | K FU1444F0 | K GN7064V0 | KGN9791O1 | |
| | 190 | 12 | 13 | 17 | | K FU1445F0 | K GN6985V0 | KGN9816O0 | |
| | 190 | 16 | 17 | 21 | | K FU1447F0 | K GN6985V0 | KGN9816O0 | |
| | 195 | 16 | 17 | 21 | | K FU1449F0 | K GN1027V0 | KGN9852O0 | |
| | 195 | 20 | 21 | 25 | | K FU1450F0 | K GN1027V0 | KGN9852O0 | |
| 175 | 200 | 19 | 20 | 24 | | K FU1463F0 | K GN1031V0 | KGN9186O1 | |
| | 200 | 20 | 21 | 25 | | K FU2182F0 | K GN1031V0 | KGN9186O1 | |
| 180 | 200 | 16 | 17 | 21 | | K FU1486F0 | K GN6372V0 | KGN9187O1 | |
| | 205 | 16 | 17 | 21 | | K FU1491F0 | K GN1035V0 | KGN9188O1 | |
| | 205 | 19 | 20 | 24 | | K FU1492F0 | K GN1035V0 | KGN9188O1 | |
| | 205 | 20 | 21 | 25 | | K FU1493F0 | K GN1035V0 | KGN9188O1 | |
| 190 | 210 | 16 | 17 | 21 | | K FU1518F0 | K GN6505V0 | KGN9190O1 | |
| | 215 | 16 | 17 | 21 | | K FU1520F0 | K GN1042V0 | KGN9818O0 | |
| | 215 | 20 | 21 | 25 | | K FU1521F0 | K GN1042V0 | KGN9818O0 | |
| 199 | 219 | 11 | 12 | 16 | | K FU1530F0 | K GN7279V0 | KGN9853O0 | |
| | 219 | 15 | 16 | 20 | | K FU1531F0 | K GN7279V0 | KGN9853O0 | |
| | 224 | 16 | 17 | 21 | | K FU1533F0 | K GN1047V0 | KGN9820O0 | |
| | 224 | 19 | 20 | 24 | | K FU1535F0 | K GN1047V0 | KGN9820O0 | |
| 200 | 220 | 16 | 17 | 21 | | K FU1545F0 | K GN6276V0 | KGN9191O1 | |
| | 225 | 16 | 17 | 21 | | K FU1548F0 | K GN1050V0 | KGN9192O1 | |
| | 225 | 19 | 20 | 24 | | K FU2135F0 | K GN1050V0 | KGN9192O1 | |
| | 225 | 20 | 21 | 25 | | K FU1550F0 | K GN1050V0 | KGN9192O1 | |
| 210 | 230 | 16 | 17 | 21 | | K FU1576F0 | K GN6352V0 | KGN9195O1 | |
| | 235 | 16 | 17 | 21 | | K FU1578F0 | K GN1057V0 | KGN9854O0 | |
| | 235 | 19 | 20 | 24 | | K FU1580F0 | K GN1057V0 | KGN9854O0 | |
| | 235 | 20 | 21 | 25 | | K FU1581F0 | K GN1057V0 | KGN9854O0 | |
| 220 | 240 | 16 | 17 | 21 | | K FU1597F0 | K GN6580V0 | KGN9196O1 | |
| | 245 | 16 | 17 | 21 | | K FU1598F0 | K GN1063V0 | KGN9670O0 | |
| | 245 | 19 | 20 | 24 | | K FU1600F0 | K GN1063V0 | KGN9670O0 | |
| | 245 | 20 | 21 | 25 | | K FU1601F0 | K GN1063V0 | KGN9670O0 | |

6.5



| 패킹호칭 치수 및 장착부 치수 | | | | | | 패 킹 부 품 번 호 | 병용백업링 부품번호 | |
|------------------|-----|----|----------------|----------------|-----|----------------------------|------------|------------|
| d | D | h | H _A | H _B | C | | BRT3(엔드리스) | BRN3(엔드리스) |
| 224 | 244 | 11 | 12 | 16 | 6.5 | K FU1608F0 | K GN7281V0 | K GN9855O0 |
| | 244 | 15 | 16 | 20 | | K FU1610F0 | K GN7281V0 | K GN9855O0 |
| | 249 | 15 | 16 | 20 | | K FU1611F0 | K GN7281V0 | K GN9855O0 |
| | 249 | 18 | 19 | 23 | | K FU1612F0 | K GN7281V0 | K GN9855O0 |
| | 249 | 19 | 20 | 24 | | K FU1613F0 | K GN7281V0 | K GN9855O0 |
| 225 | 245 | 16 | 17 | 21 | 8 | K FU1622F0 | K GN6509V0 | K GN9197O1 |
| | 250 | 16 | 17 | 21 | | K FU1624F0 | K GN1065V0 | K GN9045O1 |
| | 250 | 19 | 20 | 24 | | K FU1626F0 | K GN1065V0 | K GN9045O1 |
| | 250 | 20 | 21 | 25 | | K FU1627F0 | K GN1065V0 | K GN9045O1 |
| 230 | 250 | 16 | 17 | 21 | 6.5 | K FU1638F0 | K GN6510V0 | K GN9047O1 |
| | 255 | 16 | 17 | 21 | | K FU1640F0 | K GN1069V0 | K GN9857O0 |
| | 255 | 19 | 20 | 24 | | K FU1642F0 | K GN1069V0 | K GN9857O0 |
| | 255 | 20 | 21 | 25 | | K FU1643F0 | K GN1069V0 | K GN9857O0 |
| 240 | 260 | 16 | 17 | 21 | 8 | K FU1658F0 | K GN6511V0 | K GN9198O1 |
| | 265 | 16 | 17 | 21 | | K FU1661F0 | K GN1073V0 | K GN9858O0 |
| | 265 | 19 | 20 | 24 | | K FU1663F0 | K GN1073V0 | K GN9858O0 |
| | 265 | 20 | 21 | 25 | | K FU1664F0 | K GN1073V0 | K GN9858O0 |
| 250 | 270 | 16 | 17 | 21 | 8 | K FU1679F0 | K GN6512V0 | K GN9199O1 |
| | 275 | 16 | 17 | 21 | | K FU1681F0 | K GN1078V0 | K GN9200O1 |
| | 275 | 19 | 20 | 24 | | K FU1683F0 | K GN1078V0 | K GN9200O1 |
| | 275 | 20 | 21 | 25 | | K FU1684F0 | K GN1078V0 | K GN9200O1 |
| 260 | 285 | 19 | 20 | 24 | 8 | K FU1705F0 | K GN6514V0 | K GN9202O1 |
| | 290 | 19 | 20 | 24 | | K FU1707F0 | K GN1083V0 | K GN9431O1 |
| 265 | 297 | 24 | 25 | 29 | 8 | K FU1714F0 | K GN6515V0 | K GN9204O1 |
| | 297 | 25 | 26 | 30 | | K FU2183F0 | K GN6515V0 | K GN9204O1 |
| 270 | 295 | 19 | 20 | 24 | 8 | K FU1721F0 | K GN6516V0 | K GN9205O1 |
| | 300 | 19 | 20 | 24 | | K FU1723F0 | K GN1089V0 | K GN9206O1 |
| | 300 | 24 | 25 | 29 | | K FU1725F0 | K GN1089V0 | K GN9206O1 |
| | 300 | 25 | 26 | 30 | | K FU1726F0 | K GN1089V0 | K GN9206O1 |
| 280 | 305 | 19 | 20 | 24 | 8 | K FU1734F0 | K GN6518V0 | K GN9208O1 |
| | 310 | 19 | 20 | 24 | | K FU1736F0 | K GN1093V0 | K GN9859O0 |
| | 312 | 24 | 25 | 29 | | K FU2136F0 | K GN6519V0 | K GN9209O1 |
| | 312 | 25 | 26 | 30 | | K FU2184F0 | K GN6519V0 | K GN9209O1 |
| 290 | 315 | 19 | 20 | 24 | 8 | K FU1749F0 | K GN6520V0 | K GN9210O1 |
| | 320 | 19 | 20 | 24 | | K FU1751F0 | K GN1098V0 | K GN9860O0 |
| 300 | 325 | 19 | 20 | 24 | 8 | K FU1763F0 | K GN6521V0 | K GN9211O1 |
| | 330 | 19 | 20 | 24 | | K FU1765F0 | K GN1103V0 | K GN9235O1 |
| | 332 | 24 | 25 | 29 | | K FU2137F0 | K GN6522V0 | K GN9212O1 |
| | 332 | 25 | 26 | 30 | | K FU2185F0 | K GN6522V0 | K GN9212O1 |