## 3. KFKB Pressure indicating controller (Adjustable range type)

### 3-1. KFKB Gauge pressure & absolute pressure types

Model No. : KFKB [ ][ ] - [I][II][III][IV][V][VI][VII] - [VIII]

Basic No, Selection, Option

Model No. Ex.

KFKB22 -1222A1T -M57

- 22: Cover & Element Material (1: SF45, 2: SUS316)
- 1222: Sensing Element / Gage Pres
- A1T: Selection
- M57: Option

Selection

I.II Sensing Element/Gauge Pressure — III.IV Cover & Element Material : 1; SF45, 2: SUS316

Bourdon Tube Type: 5 to 70MPa {50 to 700kgf / cm²} | 1.25 to 25 Mpa {0 to 250kgf / cm²} | 0.35 to 7MPa {3.5 to 70kgf / cm²} | 0.175 to 3.5MPa {1.75 to 35kgf / cm²}

Bellows Type: 35 to 686kPa {0.35 to 7kgf / cm²} | 10 to 196kPa {0.1 to 2kgf / cm²} | 3.4 to 66.6kPa {25 to 500mmHg} | 0.7 to 13.3kPa {5 to 100mmHg}

I.II Sensing Element/Absolute Pressure — III.IV Cover & Element Material : 1; SF45, 2: SUS316

Bellows Type: 35 to 686kPa abs {0.35 to 7kgf / cm² abs} | 10 to 196kPa abs {0.1 to 2kgf / cm² abs} | 3.4 to 66.6 kPa abs {25 to 500 mmHg abs} | 0.7 to 13.3 kPa abs {5 to 100 mmHg abs}

V Air Piping Connection: Rc 1 / 4 internal | 1 / 4 NPT internal

VI Pneumatic Signal *1: 0.2 to 1.0kgf/cm2 | 3 to 15psi. | 0.2 to 1.0 bar | 20 to 100 kPa | (equal to 0.2 to 1.0kgf / cm2 ) 19.6 to 98.1kPa | sub: Kgf/cm2(0.2 to 1.0 kgf/cm2) main: Pa (20 to 100 kpa) Dual Scale | sub: pa (20 to 100 kpa) main: kgf/cm² (0.2 to 1.0kgf/cm²) Dual Scale

VII Mounting: Panel | 2 -inch Pipe

VIII Option: No Option | with External Sp Manual Setting knob | With Built -in Manual Controller With Auto/Manual Switch | Elevation or High Elevation | Suppression | Pressure regulator with filter

Y -Spec: Steam Trace | Stainless steel Bolt | Degreasing *5 | Corrosion-proof / Silver coating

| Type | Control Model | Model No. | | 1122 | 1222 | 1322 | 1422 | 1522 | 1622 | 1712 | 1722 | 1812 | 1822 | 2512 | 2522 | 2612 | 2622 | 2712 | 2722 | 2812 | 2822 | V: * 6 A | V: * 6 B | VI: 1 | VI: 2 | VI: 3 | VI: 4 | VI: 8 | VI: A | VI: D | VII: P | VII: T | VIII: X | VIII: K | VIII: M | VIII: 5 | VIII: 6 | VIII: 7 | Y: 29 | Y: * 2 66 | Y: 67 | Y: [ ] 138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Basic No. | Price | 14 | 14 | 0 | 0 | 0 | 0 | 14 | 20 | 33 | 39 | 141 | 147 | 141 | 147 | 166 | 172 | 262 | 268 | 0 | | 0 | | 20 | 0 | | 50 | | 0 | 0 | 0 | 8 | 67 | 17 | 17 | 31 | 33 | 14 | 24 | * 3 |
| Indicating | Non -Control | KFKB00 | 519 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | ✔ | | ✔ | | ✔ | | ✔ | | | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | | ✔ | ✔ | ✔ | | | | |
| Indicating Controller [ ] =1 Indicating Transmitting Controller [ ] = 2 (Local Type) | P+Manual Reset | KFKB[ ]1 | 530 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | ✔ | | ✔ | | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |
| | PI | KFKB[ ]2 | 532 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | | ✔ | ✔ | ✔ | | | | |
| | PID | KFKB[ ]3 | 585 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | |
| | PD+Manual Reset | KFKB[ ]4 | 582 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | | |
| | PI + Batch | KFKB[ ]5 | 614 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | On -Off | KFKB[ ]6 | 532 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | | |
| | Differential Gap | KFKB[ ]7 | 530 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P + External Reset | KFKB[ ]8 | 543 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PD+External Reset | KFKB[ ]9 | 585 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indicating Controller [ ] =3 Indicating Transmitting Controller [ ] = 4 (Cascade Type) | P+Manual Reset | KFKB[ ]1 | 640 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |
| | PI | KFKB[ ]2 | 641 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | | ✔ | ✔ | ✔ | | | | |
| | PID | KFKB[ ]3 | 688 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | |
| | PD + Manual Reset | KFKB[ ]4 | 683 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | | |
| | PI + Batch | KFKB[ ]5 | 723 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | On -Off | KFKB[ ]6 | 640 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | | | | | |
| | Differential Gap | KFKB[ ]7 | 634 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P + External Reset | KFKB[ ]8 | 642 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PD + External Reset | KFKB[ ]9 | 688 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Note * 1 For Signal in bar or Kpa, refer to Common Data.

* 2 Available only in model No. 1122 thr. 1622 for Selection I to IV and working pressure of -0.5 to 300Kg / cm²

* 3 Refer to Common Data.

* 5 Applicable SUS material only for Cover and Element material

## 3. KFKB Pressure indicating controller (Adjustable range type)
## 3-2. KFKB remote seal diaphragm type (Medium & high pressure models)

1.75 to 700kgf/cm$^2$

Model No. : KFKB [ ][ ] (Basic No.) - I II III I V VI VI VI IX X XI (Selection) - XII (Optio)

Model No. Ex.: KFKB12 -73180202AIP -M (Flange Material, Diaphragm, Flange Rating)

### Type / Control Model / Basic No. / Price

| Type | Control Model | Basic No. | Price |
|---|---|---|---|
| Indicating Transmitter | Non -Control | KFKB00 | 729 |
| Indicating Controller [ ] =1 / Indicating Transmitting Controller [ ] = 2 (Local Type) | P+Manual Reset | KFKB[ ]1 | 753 |
| | PI | KFKB[ ]2 | 757 |
| | PID | KFKB[ ]3 | 802 |
| | PD+Manual Reset | KFKB[ ]4 | 802 |
| | PI + Batch | KFKB[ ]5 | 831 |
| | | | |
| | On -Off | KFKB[ ]6 | 758 |
| | Differential Gap | KFKB[ ]7 | 748 |
| | P + External Reset | KFKB[ ]8 | 757 |
| | PD+External Reset | KFKB[ ]9 | 802 |
| Indicating Controller [ ] =3 / Indicating Transmitting Controller [ ] = 4 (Cascade Type) | P+Manual Reset | KFKB[ ]1 | 858 |
| | PI | KFKB[ ]2 | 861 |
| | PID | KFKB[ ]3 | 906 |
| | PD + Manual Reset | KFKB[ ]4 | 901 |
| | PI + Batch | KFKB[ ]5 | 941 |
| | | | |
| | On -Off | KFKB[ ]6 | 857 |
| | Differential Gap | KFKB[ ]7 | 854 |
| | P + External Reset | KFKB[ ]8 | 861 |
| | PD + External Rese | KFKB[ ]9 | 906 |

### Selection / Option codes and prices

| Selection | Group | Description | Model No. | Price |
|---|---|---|---|---|
| I.II Element | Remote Seal Diaphragm | 5 to 70MPa {50 to 700kgf/cm$^2$} | 71 | 0 |
| | | 1.25 to 25MPa {12.5 to 250kgf/cm$^2$} | 72 | 0 |
| | | 0.35 to 7 Mpa {3.5 to 70kgf/cm$^2$} | 73 | 0 |
| | | 0.175 to 3.5 MPa {1.75 to 35kgf/cm$^2$} | 74 | 0 |
| Flange Material / Diaphragm / Flange Rating | III Flange SF45, IV SUS316, Standard | 80mm JIS 30K | 1202 | 0 |
| | | 3in. ANSI 300 | 1204 | 0 |
| | III Flange SF45, IV SUS316, Extended | 100mm JIS 30K | 1206 | 77 |
| | | 4in. ANSI 300 | 1208 | 77 |
| | III Flange SF45, IV SUS316L, Standard | 80mm JIS 30K | 1802 | 0 |
| | | 3in. ANSI 300 | 1804 | 0 |
| | III Flange SF45, IV SUS316L, Extended | 100mm JIS 30K | 1806 | 77 |
| | | 4in. ANSI 300 | 1808 | 77 |
| III FlangeMaterial/IV Diaphragm/V Flange Rating | III Flange SUS316, SUS316 | 2in. ANSI1500 Wafer | 2209 | 52 / 65 |
| | III Flange SUS316, SUS316L | 2in. ANSI1500 Wafer | 8809 | 52 / 65 |
| | III SUS304, SUS316 | 11/2 PF external Button Diaphragm Type | 7211 | 65 / 46 |
| | III SUS304, SUS316L | 11/2 PF external Button Diaphragm Type | 7811 | 65 / 46 |
| | III Flange SUS304, IV SUS316, Standard | 80mm JIS 30K | 7202 | 77 |
| | | 3in. ANSI 300 | 7204 | 77 |
| | III Flange SUS304, IV SUS316, Extended | 100mm JIS 30K | 7206 | 154 |
| | | 4in. ANSI 300 | 7208 | 154 |
| | III Flange SUS304, IV Monel, Standard | 80mm JIS 30K | 7302 | 154 |
| | | 3in. ANSI 300 | 7304 | 154 |
| | III Flange SUS304, IVTantalum, Standard | 80mm JIS 30K | 7402 | 229 |
| | | 3in. ANSI 300 | 7404 | 229 |
| | III Flange SUS304, IV SUS316L, Standard | 80mm JIS 30K | 7802 | 77 |
| | | 3in. ANSI 300 | 7804 | 77 |
| | III Flange SUS304, IV SUS316L, Extended | 100mm JIS 30K | 7806 | 154 |
| | | 4in. ANSI 300 | 7808 | 154 |
| VII | Capillary Length | 2m | 02 | 0 |
| | | 3m | 03 | 0 |
| | | 5m | 05 | 14 |
| VIII | Extended Flange Length | None | 00 | 0 |
| | | 100mm | 10 | 0 |
| | | 150mm | 15 | 8 |
| IX | Air Piping Connection | Rc 1/4 internal | A | 0 |
| | | 1/4 NPT internal | B | 0 |
| X | Pneumatic Signal * 1 | 0.2 to 1.0kgf/cm2 | 1 | 0 |
| | | 3 to 15psi. | 2 | 0 |
| | | 0.2 to 1.0 bar | 3 | 20 |
| | | 20 to 100 kPa | 4 | 0 |
| | | 19.6 to 98.1kPa (equality to 0.2 to 1.0kgf / cm2 ) | 8 | 0 |
| | | Dual Scale main: Pa (20 to 100 kpa) sub: Kgf/cm2(0.2 to 1.0 kgf/cm2) | A | 50 |
| | | Dual Scale main: kgf/cm$^2$ (0.2 to 1.0kgf/cm$^2$) sub: pa (20 to 100 kpa) | D | 50 |
| XI | Mounting | Panel | P | 0 |
| | | 2 -inch Pipe | T | 0 |
| XII Option | | No Option | X | 0 |
| | | Setting Knob With External Sp Manual | K | 8 |
| | | With Built -in Manual Controller With Auto/Manual Switch | M | 67 |
| | | Elevation or High Elevation | 5 | 17 |
| | | Suppression | 6 | 17 |
| | | Pressure regulator with filter | 7 | 31 |
| Y -Spec | | Vacuum Service | 23 | * 5 27 |
| | | High Temp. Service | 62 | 20 |
| | | High Temp. -Vacuum Service | 62+23 | * 5 39 |
| | | Corr. Proof/Silver coating | 138[ ] | * 2 |
| | | Degreasing for Oxygen Service | 182 | 77 |
| | | Chlorine Service * 3 | 183 | 77 |

### Availability: Element (I.II) and Flange Material / Diaphragm / Flange Rating (III–V)

| Type / Element row | 71 | 72 | 73 | 74 | 1202 | 1204 | 1206 | 1208 | 1802 | 1804 | 1806 | 1808 | 2209 (52) | 2209 (65) | 8809 (52) | 8809 (65) | 7211 (65) | 7211 (46) | 7811 (65) | 7811 (46) | 7202 | 7204 | 7206 | 7208 | 7302 | 7304 | 7402 | 7404 | 7802 | 7804 | 7806 | 7808 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indicating Transmitter – 71 | ✔ | | | | | | | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | |
| Indicating Transmitter – 72 | | ✔ | | | | | | | | | | | ✔ | | ✔ | | | ✔ | | ✔ | | | | | | | | | | | | |
| Indicating Transmitter – 73 | | | ✔ | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | | | | | |
| Indicating Transmitter – 74 | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Local Type – 71 | ✔ | | | | | | | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | |
| Local Type – 72 | | ✔ | | | | | | | | | | | ✔ | | ✔ | | | ✔ | | ✔ | | | | | | | | | | | | |
| Local Type – 73 | | | ✔ | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | | | | | |
| Local Type – 74 | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Cascade Type – 71 | ✔ | | | | | | | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | |
| Cascade Type – 72 | | ✔ | | | | | | | | | | | ✔ | | ✔ | | | ✔ | | ✔ | | | | | | | | | | | | |
| Cascade Type – 73 | | | ✔ | | | | | | | | | | ✔ | | ✔ | | | | | | | | | | | | | | | | | |
| Cascade Type – 74 | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | ✔ | | ✔ | | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

### Availability: Selection VII–X and Y -Spec

(In IX and X, one check mark is centred across the A/B, 1/2, 4/8 and A/D column pairs.)

| Type / Element row | 02 | 03 | 05 | 00 | 10 | 15 | A/B (IX) | 1/2 | 3 | 4/8 | A/D (X) | 23 | 62 | 62+23 | 138[ ] | 182 | 183 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indicating Transmitter – 71 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Indicating Transmitter – 72 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Indicating Transmitter – 73 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Indicating Transmitter – 74 | ✔ | ✔ | ✔ | ✔ | * 4 ✔ | * 4 ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Local Type – 71 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local Type – 72 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local Type – 73 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local Type – 74 | ✔ | ✔ | ✔ | ✔ | * 4 ✔ | * 4 ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Cascade Type – 71 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Cascade Type – 72 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Cascade Type – 73 | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Cascade Type – 74 | ✔ | ✔ | ✔ | ✔ | * 4 ✔ | * 4 ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

### Availability: XI Mounting and XII Option (for each element row 71, 72, 73, 74)

| Type | Mounting sub-row | P | T | X | K | M | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|
| Indicating Transmitter | Panel | ✔ | | ✔ | | | ✔ | ✔ | |
| Indicating Transmitter | 2 -inch Pipe | | ✔ | ✔ | | | ✔ | ✔ | ✔ |
| Local Type | Panel | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local Type | 2 -inch Pipe | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Cascade Type | Panel | ✔ | | ✔ | | ✔ | ✔ | ✔ | |
| Cascade Type | 2 -inch Pipe | | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |

Note :
* 1 For Signal in bar or kPa, refer to Common Data
* 2. Contact YAMATAKE when engineering units are different between input range pressure and output signal pressure.
* 3 Available only in 14[ ][ ], 74[ ][ ] for Selection III to IV.
* 4 Available only in 1206, 1208, 1806, 1808, 7206, 7208, 7806, 7808 for Selection IIItoIV.
* 5 Vacuum Service is not available with Y182 and Y183.

# KFKB



## 3. KFKB Pressure indicating controller (Adjustable range type)
## 3-3. KFKB remote seal diaphragm type (Low pressure models)

0.1 to 7kg/cm$^2$

Model KFKB [ ][ ] - I II II I V V V VI I X X - XI (Basic / Selectic / Optio)

Model No. Ex.

KFKB24 -7512050210A1T -X

(Flange Rating / Diaphragm / Flange Material)

| Type | Control Model | Basic No. | Price |
|---|---|---|---|
| Indicating Transm | Non -Control | KFKB00 | 729 |
| Indicating Controller [ ] =1 / Indicating Transmitting Controller [ ] = 2 (Local Type) | P+Manual Reset | KFKB[ ]1 | 753 |
| | PI | KFKB[ ]2 | 757 |
| | PID | KFKB[ ]3 | 802 |
| | PD+Manual Reset | KFKB[ ]4 | 802 |
| | PI + Batch | KFKB[ ]5 | 831 |
| | | | |
| | On -Off | KFKB[ ]6 | 758 |
| | Differential Gap | KFKB[ ]7 | 748 |
| | P + External Reset | KFKB[ ]8 | 757 |
| | PD+External Reset | KFKB[ ]9 | 802 |
| Indicating Controller [ ] =3 / Indicating Transmitting Controller [ ] = 4 (Cascade Type) | P+Manual Reset | KFKB[ ]1 | 858 |
| | PI | KFKB[ ]2 | 865 |
| | PID | KFKB[ ]3 | 906 |
| | PD + Manual Reset | KFKB[ ]4 | 901 |
| | PI + Batch | KFKB[ ]5 | 941 |
| | | | |
| | On -Off | KFKB[ ]6 | 857 |
| | Differential Gap | KFKB[ ]7 | 854 |
| | P + External Reset | KFKB[ ]8 | 861 |
| | PD + External Reset | KFKB[ ]9 | 906 |

Selection — I Element (Remote Seal Diaphragm); III Flange Material/IV Diaphragm/V.VI Flange Rating

| Model No. | 75 | 76 | 1201 | 1203 | 1205 | 1207 | 1801 | 1803 | 1805 | 1807 | 7201 | 7203 | 7205 | 7207 | 7301 | 7303 | 7401 | 7403 | 7801 | 7803 | 7805 | 7807 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| III Flange | | | SF45 | SF45 | SF45 | SF45 | SF45 | SF45 | SF45 | SF45 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 | SUS304 |
| IV Diaphragm | | | SUS316 | SUS316 | SUS316 | SUS316 | SUS316L | SUS316L | SUS316L | SUS316L | SUS316 | SUS316 | SUS316 | SUS316 | Monel | Monel | Tantalum | Tantalum | SUS316L | SUS316L | SUS316L | SUS316L |
| | | | Standard | Standard | Extended | Extended | Standard | Standard | Extended | Extended | Standard | Standard | Extended | Extended | Standard | Standard | Standard | Standard | Standard | Standard | Extended | Extended |
| Description | 0.35 to 7kgf/cm$^2$ | 0.1 to 2kgf/cm$^2$ | 80mm JIS 10K | 3in. ANSI 150 | 100mm JIS 10K | 4in. ANSI 150 | 80mm JIS 10K | 3in. ANSI 150 | 100mm JIS 10K | 4in. ANSI 150 | 80mm JIS 10K | 3in. ANSI 150 | 100mm JIS 10K | 4in. ANSI 150 | 80mm JIS 10K | 3in. ANSI 150 | 80mm JIS 10K | 3in. ANSI 150 | 80mm JIS 10K | 3in. ANSI 150 | 100mm JIS 10K | 4in. ANSI 150 |
| Price | 0 | 0 | 0 | 0 | 77 | 77 | 0 | 0 | 77 | 77 | 72 | 72 | 122 | 122 | 128 | 128 | 199 | 199 | 72 | 72 | 122 | 122 |
| Non-Control, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | |
| Non-Control, lower | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | | | | | ✔ | ✔ |
| Local type, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | |
| Local type, lower | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | | | | | ✔ | ✔ |
| Cascade type, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | | |
| Cascade type, lower | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | ✔ | ✔ | | | | | | | ✔ | ✔ |

Selection — VII Capillary Length; VIII Extended Flange Length; IX Air Piping Connection; X Pneumatic Signal *1

| Model No. | 02 | 03 | 05 | 00 | 10 | 15 | A | B | 1 | 2 | 3 | 4 | 8 | A | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | 2m | 3m | 5m | None | 100mm | 150mm | Rc 1/4 internal | 1/4 NPT internal | 0.2 to 1.0kgf/cm2 | 3 to 15psi. | 0.2 to 1.0 bar | 20 to 100 kPa | 19.6 to 98.1kPa (equality to 0.2 to 1.0kgf / cm2 ) | Dual Scale main: Pa (20 to 100 kpa) sub: Kgf/cm2(0.2 to 1.0 kgf/cm2 | Dual Scale main: kgf/cm$^2$ (0.2 to 1.0kgf/cm$^2$) sub: pa (20 to 100 kpa) |
| Price | 0 | 0 | 14 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 50 | |
| Non-Control, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |
| Non-Control, lower | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |
| Local type, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |
| Local type, lower | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |
| Cascade type, upper | ✔ | ✔ | ✔ | ✔ | | | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |
| Cascade type, lower | ✔ | ✔ | ✔ | | ✔ | ✔ | ✔ (A–B) | | ✔ (1–2) | | ✔ | | ✔ | ✔ (A–D) | |

XI Mounting; XII Option

| Model No. | P | T | X | K | M | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|
| Description | Panel | 2 -inch Pipe | No Option | With External SP Manual setting Knob | With Built -in Manual Controller With Auto/Manual Switch | Elevation or High Elevation | Suppression | Pressure regulator with filter |
| Price | 0 | 0 | 0 | 8 | 67 | 17 | 17 | 31 |
| Non-Control (1) | ✔ | | ✔ | | | ✔ | ✔ | |
| Non-Control (2) | | ✔ | ✔ | | | ✔ | ✔ | ✔ |
| Non-Control (3) | ✔ | | ✔ | | | ✔ | ✔ | |
| Non-Control (4) | | ✔ | ✔ | | | ✔ | ✔ | ✔ |
| Local type (1) | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local type (2) | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Local type (3) | ✔ | | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Local type (4) | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Cascade type (1) | ✔ | | ✔ | | ✔ | ✔ | ✔ | |
| Cascade type (2) | | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |
| Cascade type (3) | ✔ | | ✔ | | ✔ | ✔ | ✔ | |
| Cascade type (4) | | ✔ | ✔ | | ✔ | ✔ | ✔ | ✔ |

Y -Spec

| Model No. | 23 | 62 | 62+23 | 138[ ] | 182 | 183 |
|---|---|---|---|---|---|---|
| Description | Vacuum Service * 5 | High Temp. Service | High Temp. -Vacuum Service * 5 | Corr. proof coating | Degreasing for Oxygen Service * 3 | Chlorine Service * 4 |
| Price | 27 | 20 | 39 | *2 | 77 | 77 |
| Non-Control, upper | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Non-Control, lower | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Local type, upper | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Local type, lower | ✔ | ✔ | ✔ | ✔ | ✔ | |
| Cascade type, upper | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Cascade type, lower | ✔ | ✔ | ✔ | ✔ | ✔ | |

Note : * 1. Contact YAMATAKE when engineering units are different between input range pressure and output signal pressure.

* 2 Refer to Common Data.
* 3 Available only in 12[ ][ ], 18[ ][ ], 72[ ][ ], 78[ ][ ] for Selection III to IV.
* 4 Available only in 14[ ][ ], 74[ ][ ] for Selection III to IV.
* 5 Vacuum Service is not available with Y182 and Y183.