

YPR-41/41K (KC marked) Type Pressure Reducing Valve

This is an air, liquid and gas pressure reducing valve that delivers constant pressure level and can be used from minimum to maximum pressure flow. The valve operates outstanding performance on mid-high level building's elevated tanks and different level of adjustable flow by pump. Also used as a pressure reducing valve for fire fighting, construction facilities and plant equipment.

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Features

- Two ways to install : horizontally or vertically.
- A constant pressure level with only a single adjustment.
- Wide flow range ability : an outstanding level of minimum adjustable flow & adjustable and stable in a wide flow range.
- Also used as a pressure reducing valve for fire fighting equipment.

Specification

| | | |
|---|------------|---|
| Applicable fluid | | Water, vapor |
| Primary pressure | | Maximum 2.0MPa |
| Secondary pressure regulating range | | 0,05~0,69MPa, 0,69~1,4MPa |
| Maximum pressure reduction ratio | | 10:1 |
| Minimum differential pressure in the inlet and outlet side of the valve | | 0,05MPa |
| Fluid temperature | | 5 ~ 80 °C Below |
| End connection | Inlet | KS 20K RF FLANGE |
| | Outlet | KS 20K RF FLANGE |
| Materials | Body | SCPH2 |
| | Disc, seat | NBR, STS |
| | Diaphragm | NBR |
| Hydraulic test pressure | | 1,5 times the water pressure of the flange applied pressure |

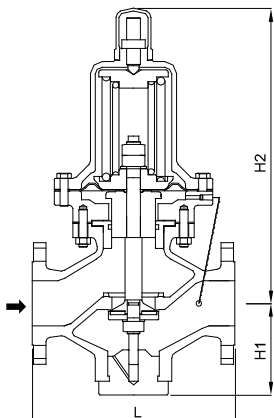
- ▶ We also manufacture the ANSI flange.
- ▶ Strainer (over 80 Mesh) installation is required to ahead inlet when valve installing.
- ▶ KC marked products are order made

Dimensions

(mm)

| Size | L | H1 | H2 | Cv | Weight (kg) |
|---------|-----|-----|-----|-------|-------------|
| 15(½") | 130 | 062 | 227 | 3,9 | 8,2 |
| 20(¾") | 150 | 065 | 235 | 3,9 | 8,5 |
| 25(1") | 197 | 072 | 264 | 5,0 | 10,4 |
| 32(1¼") | 180 | 083 | 274 | 5,3 | 15,1 |
| 40(1½") | 235 | 091 | 345 | 15,0 | 25,5 |
| 50(2") | 267 | 107 | 365 | 18,0 | 27,2 |
| 65(2½") | 292 | 132 | 425 | 31,5 | 47,4 |
| 80(3") | 318 | 140 | 430 | 56,1 | 56,0 |
| 100(4") | 368 | 150 | 535 | 96,9 | 100 |
| 125(5") | 400 | 175 | 704 | 123,9 | 162 |
| 150(6") | 473 | 210 | 734 | 190,4 | 225 |

Dimensional drawing



Application Diagram [Example]

