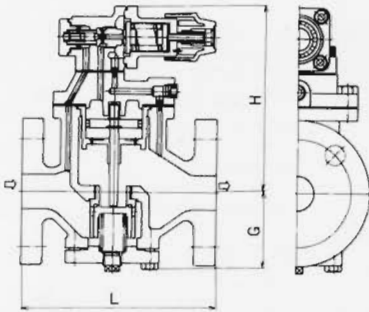


# RP-6 TYPE PRESSURE REDUCING VALVE (FOR STEAM)



RP-6 Type is a pilot operated pressure reducing valve condensed compactly with high performance and is most suitable for use at buildings, industrial steam lines, various production facilities and equipment manufacturing industry. The pressure reducing valve designed first in consideration of reliable operation displays its superior performance under the severe condition of high operation frequency.

## CONSTRUCTION



## FEATURES

- Reliable operation and stable control performed by the employment of unique most suitable construction designed on the basis of the analysis of fundamental data ensures any kind of use.
- Easy pressure adjustment by manual handle with automatic lock mechanism.
- Compact design.

## SPECIFICATIONS

Applicable fluid	Steam
Applicable primary pressure	Max. 1.0MPa {10K}
Adjustable secondary pressure	0.03~0.8MPa {0.3~8K}
Maximum reducing rate	20 : 1
Minimum pressure differential across the disc	0.05MPa {0.5K}
Lock up pressure	Max. 0.02MPa {0.2K}
Offset pressure	Within 0.02MPa {0.2K} (Adjustable secondary pressure 0.03~0.035MPa {0.3~0.35K}) Within 0.03MPa {0.3K} (Adjustable secondary pressure 0.035~0.07MPa {0.35~0.7K}) Within 0.05MPa {0.5K} (Adjustable secondary pressure 0.07~0.8MPa {0.7~8K})
Leakage allowance	Less than 0.05% of rated flow
Applicable fluid temperature	Below 220°C
End connection	Flanged JIS 10KFF
Materials	Body : Cast iron Disc & seat : Stainless steel Diaphragm : Stainless steel
Valve body pressure test	Hydraulic 2.0MPa {20K}

Note 1. For sizes 100-200mm, use RP-1H Type.

Note 2. RPA-6 Type (size 15-80mm) is available for the purpose of remote control for setting the secondary pressure by the operating air pressure.

## DIMENSIONS

Size	L	G	H	Cv value	Ms. (kg)
15 (1/2")	140	62	155	1	7.0
20 (3/4")	140	62	155	2.5	7.0
25 (1")	150	67	160	4	8.5
32 (1 1/4")	180	73	182	6.5	11.5
40 (1 1/2")	180	73	182	9	12
50 (2")	200	86	187	16	15
65 (2 1/2")	230	94	202	25	20
80 (3")	260	110	221	36	26

Flange code JIS 10KFF

## REFERENCE

When the existing RP-1H Type pressure reducing valve is replaced with the RP-6 due to changes in operating conditions, the same face-to-face dimensions can be attained by the use of face-to-face dimension adjustment spacers. For details, please contact our agent in your area.