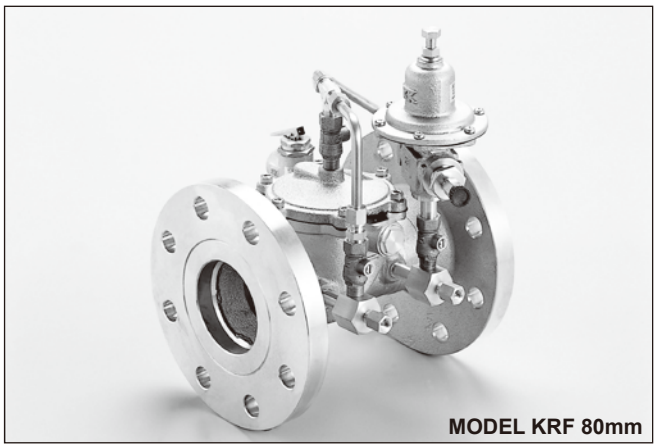
BRONZE VALVES

KANE manufactured by

Pressure Reducing Valve for Hydrant System : Model KRF



●Operating Conditions:

MODEL		KRF				
Nominal Size	mm	40	50	65	80	100
	inch	1-1/2	2	2-1/2	3	4
Applicable Fluid		Water				
Working Temperature		0 to 80°C				
Working Pressure (inlet)		above 0 to 1.6MPa				
Set Pressure (outlet) ※		100～350kPa, 350～550kPa, 550～750kPa, 750～950kPa, 950～1200kPa				
Standard Set Pressure		550kPa				
Shell Test Pressure		2.4MPa				

※Spring range : JIS10K 100 to 950kPa, JIS16K 350 to 1200kPa, Size 150～40mm are availaible on request.

●Basic Application:

Pilot operated pressure reducing valves Model KRF are used in various places where large flow and stable outlet pressure is required, such as with hydrant system at chemical plants, regional cooling and heating systems, water distribution systems, etc.

●Features:

1. KRF is equipped with a relief valve to prevent an increase in outlet pressure caused by dead end shut off.
2. KRF has gauge adapters on the inlet and outlet sides of the main valve. A pressure gauge can be installed while water is flowing, thus set pressure is easily read.
3. Both the main valve and the pilot valve of KRF are equipped with perforated strainers to prevent dust choke and lengthen diaphragm life.
4. Main wetted parts of KRF are made of bronze or stainless steel to prevent red rust contamination, thus avoiding abnormal operation of the valve due to rust.
5. KRF provides stable operation because the timing of the opening and closing of the valve is adjusted by three ball valves.
6. KRF is designed with fewer parts, which are also longer lasting, to reduce the frequency of maintenance. Moreover, maintenance such as changing of parts can be done within an extremely short time.