CASH ACME BACK PRESSURE VALVES

KP PILOT OPERATED BACK PRESSURE VALVE

FEATURES:
Offers high-capacity, extremely accurate control. Main valve features brass contruction, Buna-N diaphragm and seat disc, stainless steel spring. Pilot is brass with stainless steel spring, seat disc and seat ring; bronze diaphragms for air service or neoprene diaphragms for water. Pressure setting 15 to 200 psi.

OPTIONS:
Available with modifications for high temperature (to 400°F [204°C]), high pressure (to 400 psi) and low temperatures (to -320°F [-196°C]).

SIZES:
1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

APPLICATIONS:
Suitable for air or water service.

FR, FR-6, FR-10 0 TO 600 PSI BACK PRESSURE VALVE

FEATURES:
Protects against periodic high pressures; maintains a desired inlet pressure by relieving to a lower variable pressure, or to atmosphere. Relieves dependably at adjusted pressures; shuts tight after relieving. Features unique “Floating Ring” seating arrangement that produces perfect seat contact. The FR valves afford unusually close regulation, repeatability of opening pressure and close reseating pressures. The FR-10 is for more economical, lower pressure applications-maximum pressure setting 250 psi. (Provided with iron body and spring housing). Iron, bronze, steel or stainless steel body; threaded connections; monel, stainless steel or Buna-N diaphragm. Pressure settings from 0 to 400 psi. The FR-6 is available for 200 to 600 psi.

OPTIONS:
Can be used with two side inlets, bottom outlet, or angle type with side inlet, bottom outlet.

SIZES:
1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

APPLICATIONS:
Centrifugal, regenerative turbine, reciprocating or rotary pump bypass valve. Protects pump systems from over-pressure.

K-10, K-20 PISTON TYPE BACK PRESSURE VALVE

FEATURES:
Bronze angle body, stainless steel trim, screwed ends, single metal-to-metal seat only, bottom female inlet, side female outlet. Relief pressure ranges from 15 to 600 psi. Maximum temperature is 450°F (232°C). Type K-20 incorporates an aspirating action that lowers the pressure in the spring chamber through an orifice in the valve piston. This accelerates the valve opening to produce high capacity and closer control of system pressure.

SIZES:
1/4", 3/8", 1/2", 1", 1-1/2"

APPLICATIONS:
For water, other liquids, and fuel oils of all grades. Not for steam. Designed to limit a specific pump discharge pressure on machine tool hydraulic systems, oil burning equipment, rams, presses, lifts, etc.