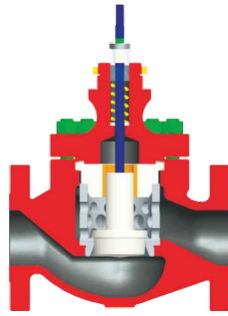
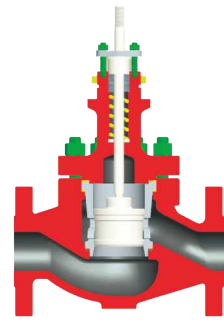


KA-10S Series
Single Seated Control Valves



KA-10S/L Series
Cage Single Seated Control Valves



KA-10C Series
Cage Double Seated Control Valves

Applications

Applicable to a wide scope of various kinds of liquids in different pressure and temperature. Superior in accurate adjustment and tight shutoff.

High performance in flashing and cavitation environments.

Widely used in high pressure, high pressure drop, high temperature, low temperature liquids. High performance in flashing, cavitation, low-noise and high-stability environments.

Structure Features

Top-guided structure, single-seated seal, accurate adjustment, available in metal and soft seats

Cage single-seated seal, plug outer rings equipped with adapter sleeve

Cage double-seated seal, plug and cage self guided, four holes in the cage

Sizes

DN 15 ~ 200 NPS 1/2" ~ 8"

DN 15 ~ 200 NPS 1/2" ~ 8"

DN 40 ~ 200 NPS 1-1/2" ~ 8"

Ratings

PN 16, 40, 100 ANSI 150,300,600

PN 16, 40, 100 ANSI 150,300,600

PN 16, 40, 100 ANSI 150,300,600

End Connections

Flanged: FF, RF, RJ, FM
Standards: ASME B16.5
JIS B 2201, GB / T 9113
Welded: SW (≤ 50) BW (≥ 65)
Standards: ASME B 16.11
ASME B 16.25

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ASME B 16.25

Body Materials

Alloy steel, stainless steel, steel

Alloy steel, stainless steel, steel

Alloy steel, stainless steel, steel

Plug and Seat Materials

Plug: 304, 316, 304L, 316L, 304+STL, 316+STL,
Seat: 304, 316, 304L, 316L, 304+STL, 316+STL, PTFE

Plug: 316, 316L, 304+STL, 316+STL
Seat: 304, 316L, 304+STL, 316+STL, PTFE

Plug: 316, 316L, 304+STL, 316+STL, 17-4PH
Seat: 316, 316L, 17-4PH, PTFE

Flow Characteristics and Maximum Flow Coefficients

Flow - Open: equal percentage or linear
Cv value: 0.01 to 700

Flow - Open: equal percentage or linear
Cv value: 0.01 to 310

Equal percentage or linear
Cv value: 11 to 850

Shutoff Class (ASME B16.104)

Metal seat: Class IV
Soft seat: Class VI

Metal seat: Class IV
Soft seat: Class VI

Metal seat : Class III
Soft seat: Class VI

Available Actuator Types

HA or VA 6 pneumatic actuators and 3610L electronic electric actuators

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