



KOSO HAMMEL DAHL

Control Valve Products

CVP

Made in the U.S.A.

Valve Series	G120	G130	G110	V510/V520
Application and Sizes	Popular proven design. Reliable control of difficult services. 1/2" to 6".	Heavy duty, high flow capacity for corrosive and dirty fluids. 1/2" to 6".	Versatile choice for control of clean fluids. 1-1/2" to 16".	High pressure service for control of clean fluids. 1/2" to 8".
Style	Top guided globe or angle, unbalanced, screwed-in seat.	Plug guided globe or angle, unbalanced, cage retained seat and heavy stem.	Cage guided globe or angle, balanced or unbalanced, cage retained seat.	Cage guided globe or angle, balanced, integral seat/cage.
Pressure Class and End Connections	Flanged ANSI Class 150 to 600. Threaded or socket weld to 2". Butt weld 1" to 6".	Flanged ANSI Class 150 to 600. Threaded or socket weld to 2". Butt weld 1" to 6".	Flanged ANSI Class 150 to 600. Threaded or socket weld to 2". Butt weld 1 1/2" to 16".	Flanged ANSI Class 900 to 2500. Threaded or socket weld to 2". Butt weld 3" to 8".
Body/Bonnet Materials	Carbon Steel. 316 Stainless Steel. Chrome-Moly. Other castable alloys.	Carbon Steel. 316 Stainless Steel. Chrome-Moly. Other castable alloys.	Carbon Steel. 316 Stainless Steel. Chrome-Moly. Other castable alloys.	Carbon steel. 316 Stainless Steel. Chrome-Moly. Other castable alloys.
Trim Materials	316 Stainless Steel. Alloy 6 faced 316 SS. Hastelloy C. Alloy 20. Other alloy trims.	316 Stainless Steel. 316/17-4PH SS. Alloy 6 faced 316 SS. Alloy 20. Other alloy trims.	316 Stainless Steel. Alloy 6 faced 316 SS. 316/17-4PH SS. 416/17-4PH SS. Other alloy trims.	316 Stainless Steel. Alloy 6 faced 316 SS. 316/17-4PH SS. 416/17-4PH SS. Other alloy trims.
Trim Characteristics and Flow Coefficients	Equal percentage or linear. Cv .0094 to 390.	Equal percentage or linear. Cv .48 to 390.	Equal percentage or linear. Wide range of low noise and anti-cavitation trims. Cv 10 to 2600.	Equal percentage or linear. Wide range of low noise and anti-cavitation trims. Cv .4 to 680.
Leakage Class	Class IV, V or VI.	Class IV, V or VI.	Class IV, V or VI.	Class IV or V.
Matching Actuator Series	Direct/Reverse. Spring & Diaphragm. Electraulic.	Direct/Reverse. Spring & Diaphragm. Electraulic.	Direct/Reverse. Spring & Diaphragm. Electraulic.	Direct/Reverse. Spring & Diaphragm. Electraulic.

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Valve Series	V800/V801	V830/V831	V817	V701 (Style S)
Application and Sizes	Controlling a wide variety of dirty fluids with high flow requirements. 1" to 12".	Blending or diverting a wide variety of system fluids. 1-1/2" to 10".	Designed to meet ANSI end-to-end dimensions for cryogenic and cold box applications. 1" to 6".	Rugged design for difficult, erosive slurry services. 1" to 16".
Style	Top and bottom guided double seated globe, semi-balanced with reversible stroke direction.	Three-way globe, skirt guided for stable operation.	Plug guided globe, unbalanced, choice of bonnet extensions.	Venturi-type angle, unbalanced, heavy guiding.
Pressure Class and End Connections	Flanged ANSI Class 150 to 1500. Threaded or socket weld to 2". Butt weld 3" to 12".	Flanged ANSI Class 150 to 600. Threaded or socket weld to 2". Butt weld 3" to 10".	ANSI end-to-end flanged Class 150 to 600. Socket weld to 2". Butt weld 1" to 6".	Flanged ANSI Class 150 to 600.
Body/Bonnet Materials	Carbon Steel. 316 Stainless Steel. Chrome-Moly. .	Carbon Steel. 316 Stainless Steel. Chrome-Moly.	304 Stainless Steel.	Carbon steel. 316 Stainless Steel. Chrome-Moly.
Trim Materials	316 Stainless Steel. Alloy 6 faced 316 SS. 17-4PH Stainless Steel.	316 Stainless Steel. Alloy 6 faced 316 SS. 17-4PH Stainless Steel.	304/316/17-4PH SS. 304/Kel-F/17-4PH SS. Other trims available.	316 Stainless Steel. Alloy 6 faced 316 SS. 17-4PH/316 SS. Chrome Iron/316 SS.
Trim Characteristics and Flow Coefficients	Equal percentage or linear. Cv 8 to 1550.	Linear V-Port. Cv 29 to 775.	Equal percentage or linear. Cv .001 to 390.	Equal percentage or linear. Cv 14 to 2620
Leakage Class	Class II.	Class IV.	Class IV, V, or VI.	Class IV or V.
Matching Actuator Series	Direct/Reverse. Spring & Diaphragm. Electraulic.	Direct/Reverse. Spring & Diaphragm. Electraulic.	Direct/Reverse. Spring & Diaphragm. Electraulic.	Piston. Electraulic.