



3-WAY NORMALLY CLOSED

GAS PRESSURE						LIQUID PRESSURE					
RATINGS		ORIFICE	CV	VALVE NUMBER		RATINGS		ORIFICE	CV	VALVE NUMBER	
AC	DC	SIZE	FACTOR	STANDARD VALVE	EXP. PROOF VALVE	AC	DC	SIZE	FACTOR	STANDARD VALVE	EXP. PROOF VALVE
3000	3000	1/32	.022	H23GG19DCV	EH23GG19DCCM	3000	3000	1/32	.022	H23GG19DCV	EH23GG19DCCM
2500	1500	3/64	.041	H23HH19DCVG	EH23HH19DCCMG	1500	1500	3/64	.050	H23HH19DCVL	EH23HH19DCCML
1750	500	1/16	.065	H23JJ19DCVG	EH23JJ19DCCMG	1000	500	1/16	.070	H23JJ19DCVL	EH23JJ19DCCML
650	100	3/32	.100	H23KK19DCVG	EH23KK19DCCMG	300	100	3/32	.130	H23KK19DCVL	EH23KK19DCCML

SPECIFICATIONS

SERIES 20—MODEL H23

Three-way normally closed valve for high pressure applications. Valve must be mounted within 30° of vertical.

OPERATING CONDITIONS

†Media: Air and other non-corrosive gases, water and oil.

Valve Temperature Range: 0°F (-18°C) to a maximum of 221°F (105°C) including coil heat rise, ambient and media temperatures. Other temperature ranges available on request—along with specific application parameter information specified.

Burst Pressure: 5000 psig

Maximum Operating Pressure Differential: to 3000 psig

†To insure trouble free operation, filtration down to 60 microns or less is recommended.

Listings: Valves are U.L. Listed and CSA Certified for Hazardous Locations—Class I, Div 1, Group C and D - Class II, Div 1, Groups E, F, and G; Div 2 Groups A,B,C,D,E,F, AND G.

ELECTRICAL CHARACTERISTICS

Coil Voltage: 5 to 825 VAC, 50-60 Hz. 1.8 to 265 VDC

Nominal Power: Wattage Pre Operator

A.C. 7.3 watts

D.C. 9.5 watts

Coil Construction: standard valve—molded and non-molded
explosion proof valve—molded

Typical Response Time on Air: 4-16 milliseconds

MECHANICAL CHARACTERISTICS

Body: 300 Series Stainless Steel
†Aluminum Alloy-option available

Orifice Diameter: 1/32" - 3/32"

Porting: 1/4" NPT

Housing: Standard & Explosion proof valves—1/2" NPT conduit