





SKU: XV4686

-  VOLT 3 way Diverting Valve - Electric Actuated
-  VOLT 3-Wege -Umschaltventil - Elektrisch betätigte
-  VOLT 3 vías Válvula de Desvío - Accionamiento Eléctrico
-  VOLT 3 voies vanne de dérivation - Actuated électrique

Valves[™]
O N L I N E

- 4" - 12" 3 Way Electrically Actuated Diverting Valve with Modulating Option.
- 4" - 12" 3 Way Elektrisch angetriebene Umlenkventil mit modulierender Option .
- 4" - 12" 3 Camino eléctrico de la válvula de desvío accionadas con modulación de Opción .
- 4" - 12" 3 Way à commande électrique vanne de dérivation de moduler Option .

HVAC RANGE

3 Way Electric Actuated
Diverting Valve with
Modulating Option



Description

An assembly of our HQ Actuator, fitted to two PN16 lugged butterfly valves tandem linked together. The disc and shaft is in stainless steel with the option of BUNA or EPDM liners. The actuator is offered either to divert the flow on /off operation or when fitted with a modulation device, control / mix the flow.



Beschreibung

Eine Anordnung von unserem HQ Actuator , Einbau zwei PN16 schleppte Absperrklappen Tandem miteinander verbunden sind. Die Scheibe und die Welle aus rostfreiem Stahl mit der Option, BUNA oder EPDM -Liner. Der Aktuator entweder angeboten , um den Fluss / Aus-Betrieb umzuleiten oder , wenn sie mit einer Modulationseinrichtung ausgestattet , Kontrolle / mix den Durchfluss.



Descripción

Una asamblea de nuestra HQ actuador , equipada dos PN16 arrastró válvulas de mariposa tandem unidos entre sí. El disco y el eje es de acero inoxidable con la opción de BUNA o revestimientos de EPDM . El actuador se ofrece ya sea para desviar el flujo de operación / apagado o cuando está equipado con un dispositivo de modulación , control / mezclar el flujo.






Description

Un ensemble de notre QG vérin équipé de deux vannes papillon PN16 crampons tandem liés ensemble . Le disque et l'arbre est en acier inoxydable avec la possibilité de BUNA ou doublures EPDM . L'actionneur est offert soit à détourner le flux marche / arrêt ou lorsqu'il est équipé d' un dispositif de modulation , contrôle / mélanger le flux .

- **PN16 Rated**
- **-10° C to 120° C**
- **Electric Actuator with Manual Handwheel**
- **Various Voltages**
- **Diverting on / off or Modulating Control**

Description:

A 3 Way Diverting valve assembly, consisting of a powerful electric actuator driving (via a linkage mechanism), two lugged PN16 butterfly valves, fitted onto a PN16 flanged ductile iron equal tee to EN598. Coated red. Typical applications are for HVAC and we offer this unit as a on/off diverting valve or with the ability of accurately controlling the flow proportionally via various input signals

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PN16 - 3 Way Electric Diverting Valve with Modulating Option

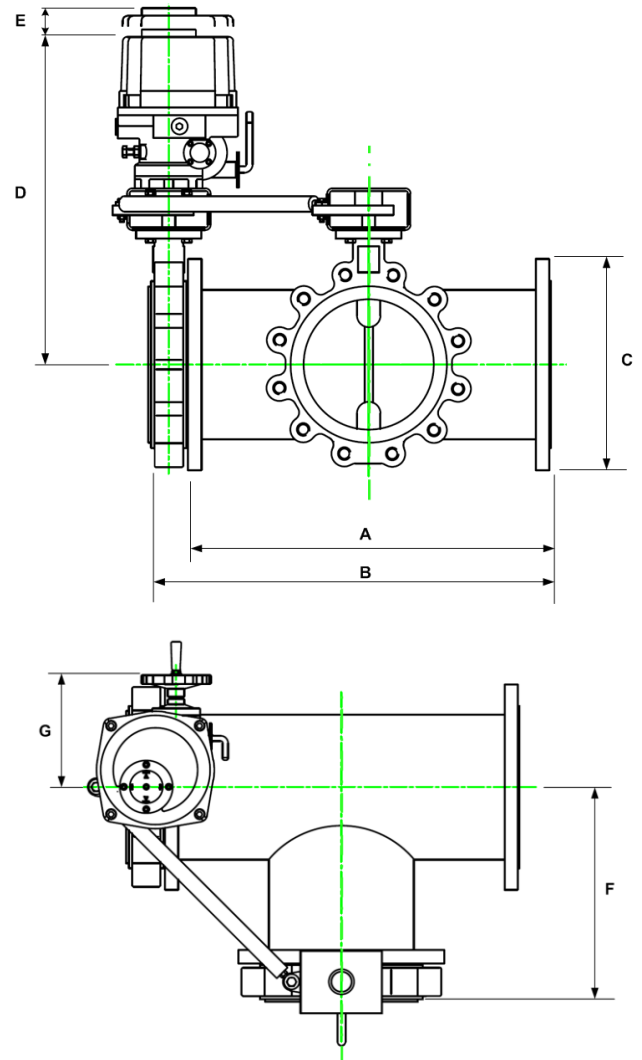
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- **-10° C to 120° C**
- **Electric Actuator with Manual Handwheel**
- **Various Voltages**
- **Diverting on / off or Modulating Control**
- **BS EN 545/598 ISO 2531**

The VOLT XV4686 Three way diverting valves are specially designed for diverting and modulating applications, as used mainly in HVAC Industries. With a wide range of output torques and control options the XV series Offers a powerful electric actuator which can be configured to meet the demands of any site specification. High quality electrical components, Tandem linkage mechanism and a Lugged PN16 Butterfly valve, which ensures reliability and extended life span.

Modulation





The range delivers all the benefits of digital electronics to an actuator, that responds to analogue signals. The units position the valve in response to an analogue command and produces an analog output signal to the actual valve position. Input Signal: 4-20mA, 0-20Ma, 0-10vDC, 1-5vDC Output Signal: 4-20mA, 0-10vDC

Space required for removal of housing.



PN16 Lugged and Tapped Butterfly valve, with the option of various liner materials (EPDM and BUNA being the standard) Cast Iron body with stainless steel 316 disc and shaft.

Dimensions									
DN	A	B	C	D	E	F	G	Kg	Act.
4"	360	412	180	410	120	232	157	36	HQ08
6"	440	496	240	520	160	276	200	60	HQ15
8"	520	580	295	598	180	320	220	82	HQ30
10"	694	832	355	645	180	333	220	120	HQ30
12"	800	878	410	660	180	368	221	170	HQ50

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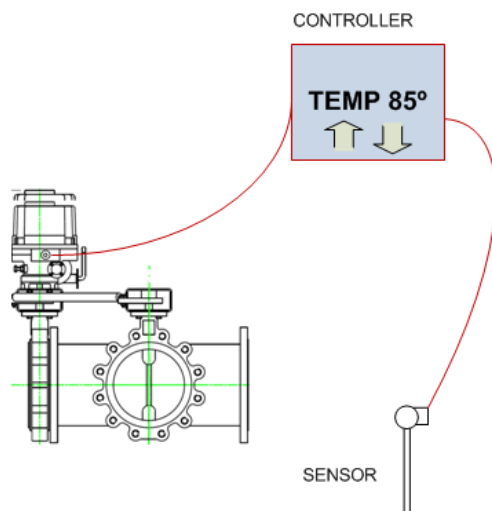
HVAC RANGE



PERFORMANCE								
MODEL	HQ008	HQ015	HQ020	HQ030	HQ050	HQ060	HQ080	HQ120
TORQUE(Nm)	80	150	200	300	500	600	800	1200
SPEED 90° 50/60Hz	16/13	25/21	25/21	31/26	31/26	31/26	34/28	34/28
WEIGHT	7.4	16.6	16.6	22	23	23	29	29
MAX.SQ.DRIVE	17	19	19	30	30	30	40	40

Standard Actuator Specification HQ008 & above	
Enclosure	: Weatherproof IP67 (IP68 Option)
Power Supply	: 110/220V 1PH, 24VAC/24VDC 380 3PH
Operating Time	: see chart
Limit Switches	: 4 x SPDT, 250V AC 10A
Space Heater	: 20W (110/240V AC) Anti Condensation
Manual Override	: Handwheel Declutchable
Duty Cycle (on/offduty)	: S4, 70% standard, 100% for Max 30 Mins
Travel Angle	: 90°
Conduit Entries	: 2 x M25 (PG13.5 or 1/2"NPT Option)
Ambient Temperature	: -20° C to +60° C
Rated Current (Amps)	: 24VAC-0.3A, 24 VDC 0.2A, 110VAC-0.4A, 240VAC-0.2A
External Coating	: Dry Powder, Polyester

Modulation
110 or 240 Volt AC Actuator
input 4-20mA / 0-10 volt
positioner
For 3 phase and 24 VDC/AC
please contact our sales
office



CONTROL
We can now offer suitable Temperature
Sensors / Transmitters along with Controllers
to satisfy your process needs.