

Actuated Valves - Series 906E

Electrically Actuated St/St 2pc Flanged Ball Valves



Main Features :-

Valve Features:	Actuator Features:
1/2" to 8"	On Off, Failsafe, Modulating
Stainless Steel 316	IP67 Housing
RPTFE seats	Manual Override
Viton Seals	Limit Switches
PN16Rated/ ANSI 150	100% Function Tested
ISO Pad	Quality Assembled Products



TYPE: 906E ELECTRIC

Overview:-

We typically offer 3 options on electric actuators. We have 3 core brands that we offer depending on what the application demands. The brands we offer and stock are:



- a plastic housed electric actuator series offering multi voltage 24-240VAC/ DC and on off, failsafe, modulating and modulating failsafe functionality.



- an aluminium housed quarter turn actuator with CSA and Nema 4x approval. Available on off and modulating.

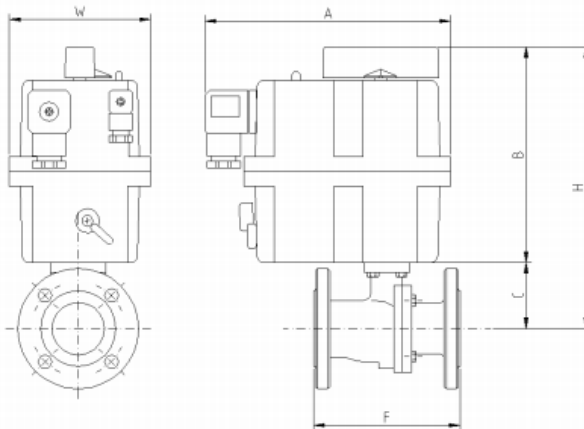


- A compact basic or smart series range offering a compact sized electric actuator but with big features including on off, modulating, failsafe, modulating failsafe, speed control and BUS communication.



Key Dimensions:-

* Note that the following dimensional drawing is a generic drawing for demonstration purposes only. The dimensions relevant to the different actuator are on the right hand side.



*For low or high temperature applications, please add minimum 50mm height (Dimension F) for SS bracket to protect actuator from low or high temperatures.

	J+J	Sun Yeh	AVA
Size	F	H	Kg
1/4"	Call	Call	Call
3/8"	Call	Call	Call
1/2"	Call	Call	Call
3/4"	Call	Call	Call
1"	Call	Call	Call
1 1/4"	Call	Call	Call
1 1/2"	Call	Call	Call
2"	Call	Call	Call

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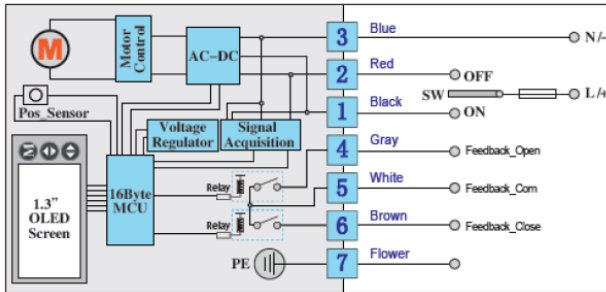
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All of our actuators are typically 3 wire actuators, offering a neutral and switchable live. See below for specific wiring options. Call if you have a specific requirement as in particular the Sun Yeh and AVA brands have multiple factory made options available. For example, the AVA units are available as a 2 wire option where replacing a solenoid valve for example.

Wiring Options:- AVA Series

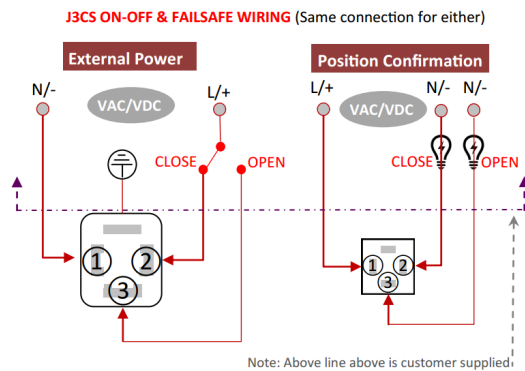


AVA electric actuators are supplied with a flying lead, models 20 only. Models 60 and above have terminal strip. No need to remove actuator housing to wire. See specific actuator model for exact wiring details.



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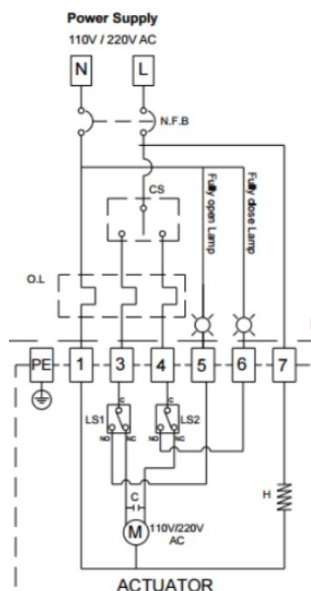
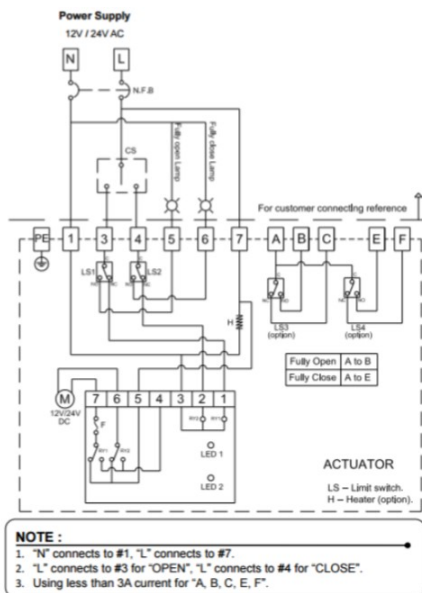
Wiring Options:- J+J Series



In J+J electric actuators, all electrical connections are made externally using the external DIN plugs supplied with the actuator. There is no need to remove the valve actuator's cover to connect electrically. See specific actuator model for exact wiring details.



Wiring Options:- Sun Yeh Series



The Sun Yeh range of actuators requires the cover to be removed to wire the actuator electrically. All actuators from our stock have M20 conduit entry for cables (glands not included). See specific actuator model for exact wiring details.



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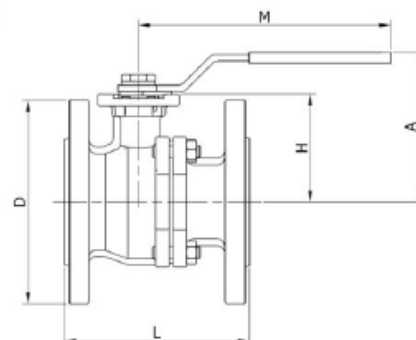
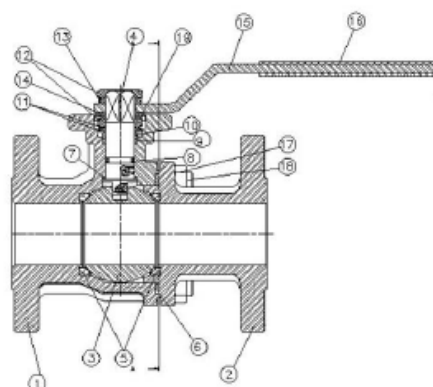
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Valve Additional Information:-



TYPE: 906E ELECTRIC

Nº	Denominación / Name	Material	Acabado Superficial / Surface Treatment	Cód. Recambio Spare Part Code
1	Cuerpo / Body	Acero Inox. / Stainless Steel 1.4408	Granallado / Shot blasting	-----
2	Tapa / Cap	Acero Inox. / Stainless Steel 1.4408	Granallado / Shot blasting	-----
3*	Bola / Ball	Acero Inox. / Stainless Steel 1.4408	Pulido / Polishing	2907
4*	Eje / Stem	Acero Inox. / Stainless Steel AISI 316	-----	2908
5*	Asiento / Ball Seat	PTFE+15% FV/GF	-----	2909
6*	Junta / Gasket	PTFE (hasta / until DN25) SS+Graphite (desde / from DN32)	-----	2909
7*	A. fricción / Thrust Washer	PTFE + grafito / graphite	-----	2909
8*	Tórica / O' ring	FKM	-----	2909

Nº	Denominación / Name	Material	Acabado Superficial / Surface Treatment	Cód. Recambio Spare Part Code
9*	Empaquetadura / Stem packing	PTFE	-----	2909
10	Anillo Prensa / Gland	Acero Inox. / Stainless Steel AISI 304	-----	-----
11	Arandela / Spring Washer	Acero Inox. / Stainless Steel AISI 301	-----	-----
12	Tuerca / Nut	Acero Inox. / Stainless Steel AISI 304	-----	-----
13	Arandela / Washer	Acero Inox. / Stainless Steel AISI 304	-----	-----
14	Tope / Stopper	Acero Inox. / Stainless Steel AISI 304	-----	-----
15	Maneta / Handle	Acero Inox. / Stainless Steel AISI 304	-----	-----
16	Funda / Handle Sleeve	Vynil	-----	-----
17	Tuerca / Nut	Acero Inox. / Stainless Steel AISI 304	-----	-----
18	Perno / Stud Bolt	Acero Inox. / Stainless Steel AISI 304	-----	-----
19	Antigiro / Lock Washer	Acero Inox. / Stainless Steel AISI 304	-----	-----

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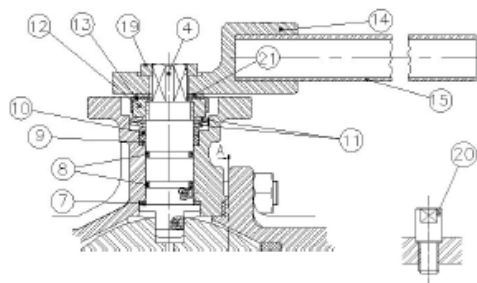
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Valve Additional Information:-

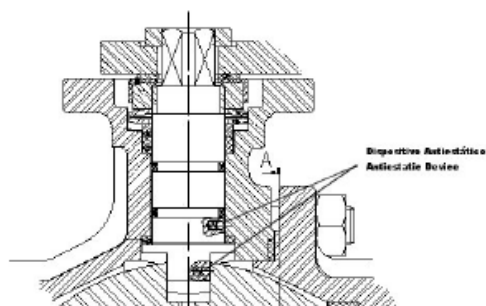
Únicamente en medidas de 2 ½" a 8" / For 2 ½" - 8" Sizes Only.



Nº	Denominación/Name	Material	Acabado Superficial/ Surface Treatment
14	Cuerpo maneta / Body Handle	1.4408	Granallado / Shot blasting
19	Tuerca / Nut	AISI 304	-----
20	Perno tope / Stopper	AISI 304	-----
21	Antigiro / Lock Washer	AISI 304	-----

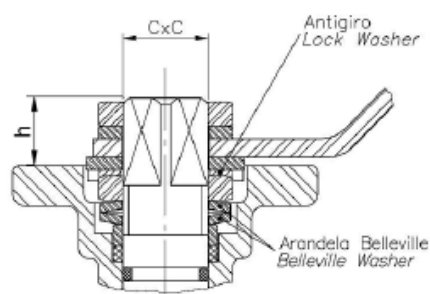
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Dispositivo Antiestático / Anti-static Device.



Este dispositivo nos garantiza la continuidad eléctrica entre esfera - eje - cuerpo, esto es de especial necesidad en fluidos inflamables. / *This device provides Ball - Stem - Body of electric continuity. It is specially required with flammable fluids.*

Detalle de la zona de Eje / Stem detail



Antigiro / Lock Washer: Previene el desajuste de la tuerca del eje en elevados ciclos de maniobra / *Prevents unthreading of stem nut in high cycle automation applications.*

Arandela Belleville / Belleville Washer: Las arandelas belleville proporcionan una carga constante sobre el prensa asegurando un cierre firme en variaciones de condiciones de trabajo. / *Standard belleville washers provide constant "live load" on the stem seals, assuring a tight seal even varying service parameters*

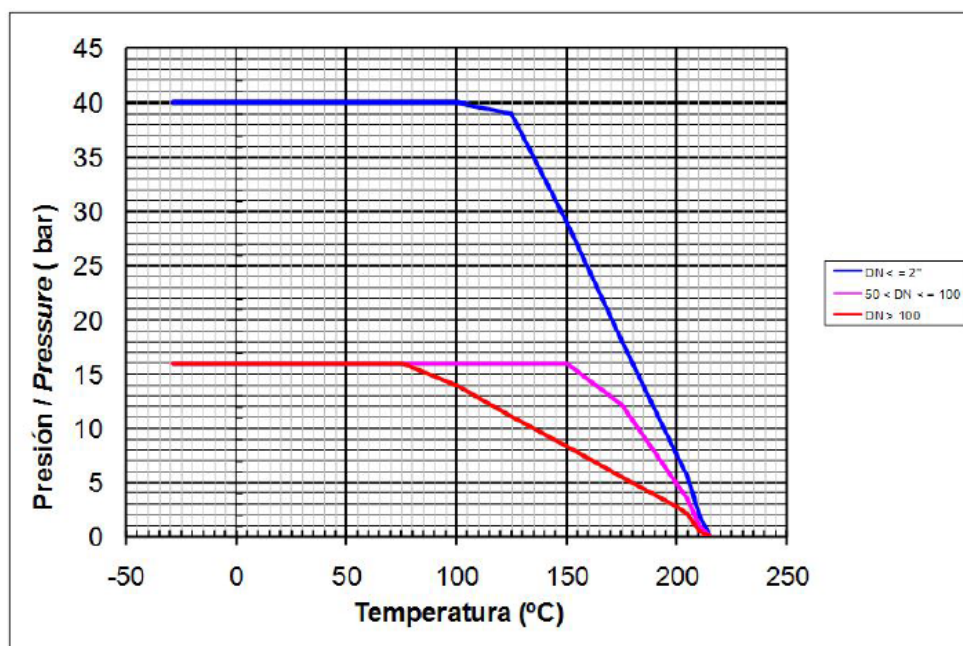
Valve Additional Information:-

DIMENSIONES GENERALES / GENERAL DIMENSIONS

Ref.	Medida/ Size	PN	Dimensiones/Dimensions (mm)								Peso/ Weight (Kg)
			D	A	L	M	C x C	ISO 5211	H	h	
2528 04	1/2"	40	95	85	115	170	9 x 9	F04	46	9,5	2,200
2528 05	3/4"	40	105	85	120	170	9 x 9	F04/F05	51	10	3,050
2528 06	1"	40	116	95	125	170	11 x 11	F04/F05	57	11	3,750
2528 07	1 1/4"	40	140	106	130	200	14 x 14	F05/F07	71	15,5	5,750
2528 08	1 1/2"	40	150	110	140	200	14 x 14	F05/F07	76	15,5	7,000
2528 09	2"	40	165	118	150	200	14 x 14	F05/F07	83	15,5	9,500
2528 10	2 1/2"	16	185	170	170	380	17 x 17	F07/F10	119	21	14,750
2528 11	3"	16	200	170	180	380	17 x 17	F07/F10	130	21	18,850
2528 12	4"	16	220	170	190	380	17 x 17	F07/F10	145	21	26,250
2528 13	5"	16	250	200	325	520	27 x 27	F10/F12	163	34	38,000
2528 14	6"	16	285	220	350	620	27 x 27	F10/F12	180	34	51,000
2528 16	8"	16	340	300	400	700	25 x 25	F12	-	-	106,700

TYPE: 906E ELECTRIC

CURVA PRESIÓN TEMPERATURA / PRESSURE TEMPERATURE RATING



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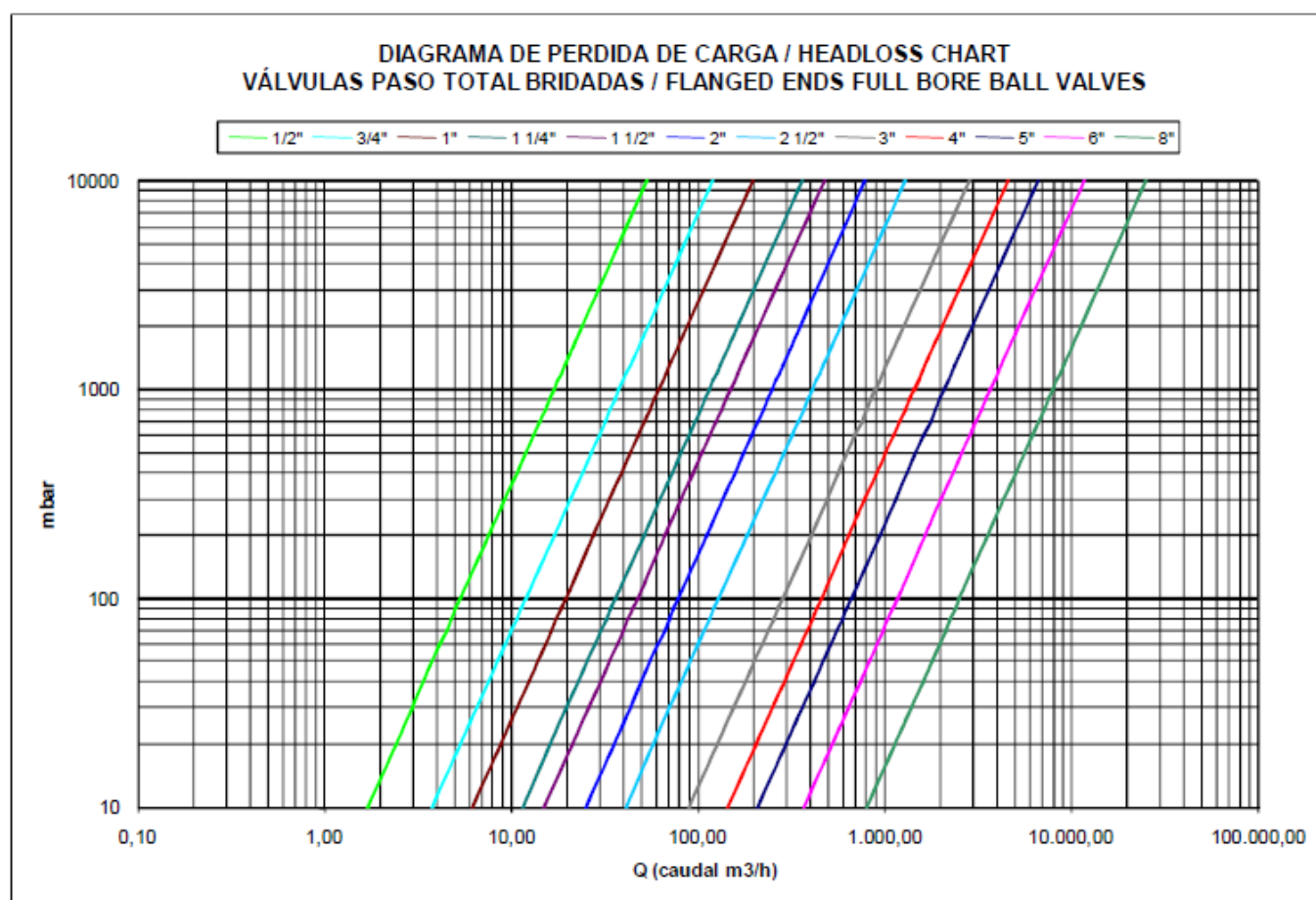
VALORES DE Kv / Kv VALUES

Kv = Es la cantidad de metros cúbicos por hora (m^3/h) que pasará a través de la válvula generando una pérdida de carga de 1 bar.

Kv = Flow rate of water in cubic meter per hour (m^3/h) generating a pressure drop of 1 bar across the valve.

1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
19	40	65	110	180	365	495	970	1620	2530	4050	8650

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Valve Additional Information:-

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DECLARACIÓN DE CONFORMIDAD CE

GENEBRE, S.A.

Av. Juan Carlos I, 46-48 – EDIFICIO GENE BRE
08908 L'HOSPITALET DE LLOBREGAT (BCN)

DECLARA bajo su única responsabilidad, que el producto suministrado:

Válvula de esfera paso total Bridada Art. 2528

es conforme con los Requisitos Esenciales de Seguridad establecidos en el Anexo II de la Directiva 94/9/CE.

Para el cumplimiento de los requisitos, el producto es conforme con las normas:

- UNE-EN 13463-1: 2009
- UNE-EN 13463-5: 2003

El modelo dispone de un EXPEDIENTE TÉCNICO EN CUSTODIA nº LOM 11ATEX0067, y ha sido fabricado en:

GENEBRE, S.A.

Av. Juan Carlos I, 46-48 – EDIFICIO GENE BRE
08908 L'HOSPITALET DE LLOBREGAT (BCN)

Lo que le autoriza a colocar sobre el producto el marcado legal:

CE  II 2 GD c T6 - T3/125 °C

Fecha: 10 Noviembre de 2011

Firma:



A. Martinez Romay

Director de Producto, División Industrial

Valve Additional Information:-

TYPE: 906E ELECTRIC

“CE” DECLARATION OF CONFORMITY

GENEBRE, S.A.

Av. Juan Carlos I, 46-48 – EDIFICIO GENEBRE
08908 L'HOSPITALET DE LLOBREGAT (BCN)

DECLARES under its own responsibility that the supplied product:

Full Port Ball Valve Flanges ends Art. 2528

Is in accordance with the Essential Safety Requirements established in Annex II of the 94/9/CE Directive.

For the fulfillment of the requirements, the product is according to the standards:

- UNE-EN 13463-1: 2009
- UNE-EN 13463-5: 2003

Technical Custody File nº LOM 11ATEX0067.

The product has been manufactured in

GENEBRE, S.A.

Av. Juan Carlos I, 46-48 – EDIFICIO GENEBRE
08908 L'HOSPITALET DE LLOBREGAT (BCN)

who has the authorization to mark the product as following:

CE  II 2 GD c T6 - T3/125 °C

Date: November 10th, 2011

Sign:



A. Martinez Romay

Product Manager, Industrial Division

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