

# CRONO Diamant

# CRONO COMPACT

ON/OFF ACTUATORS WITH BUILT-IN PROGRAMMING CLOCK

## USE

**Diamant** CRONO and **COMPACT** CRONO actuators are used in:

- industrial plants
- heating systems
- irrigation systems
- plants which require operations at a pre-set time



## OPERATION

**Diamant** CRONO and **COMPACT** CRONO actuators are controlled by a microprocessor which allows to intercept or deviate the fluid according to the set time.

Thanks to its built-in digital display it is possible to enter up to 7 time intervals at which the ball of the body valve can be placed in a reverse position compared to the default one (programmable).

Therefore, at a given time, the actuator can open or close the valve, or it is possible to make it deviate the fluid flow from one way to another, in case of a three-way valve.

**Diamant** CRONO and **COMPACT** CRONO are available in the "Day" version, which allows to programme the 7 intervals over one day, and in the "Week" version, if you want to programme the 7 intervals over one week with one daily operation.

## VERSIONS

**Diamant** CRONO for 2 and 3-way brass body valves, AISI and PVC, with COMPARATO and ISO 5211 connection, for diameters up to 1" 1/2\*

"Day" version, which allows to programme the 7 time intervals over one day

"Week" version, which allows to programme the 7 time intervals over one week

**COMPACT** CRONO 2 and 3-way brass body valves, AISI and PVC, ISO butterfly connection for diameters up to 3" (DN 80 for butterfly valves)\*.

"Day" version, which allows to programme the 7 time intervals over one day.

"Week" version, which allows to programme the 7 time intervals over one week.

\* Click on [www.comparato.com](http://www.comparato.com) to find all available BODY VALVES listed in the PRODUCT section.

## TECHNICAL DATA

MODEL	CRONO <b>Diamant</b>	CRONO <b>COMPACT</b>
Power supply (110 V on request)	230V • 24V AC	230V • 24V AC
Standard operating time (90° rotation)	35 sec. 11 Nm	50 sec. 35 Nm
Input power	7 VA (230v 50 Hz) 7,5 VA (24V 50 Hz)	12 VA
Degree of protection	IP 65	IP 65
Operational room temperature, for lower temperature, please contact our technical office	from -10°C to +50°C	from -10°C to +50°C
Adjustment range	from -15°C to +85°C	from -15°C to +85°C
ISO 5211 connection	F03 • F04	F05 • F07

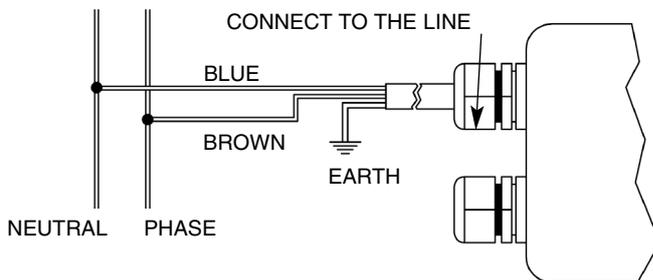


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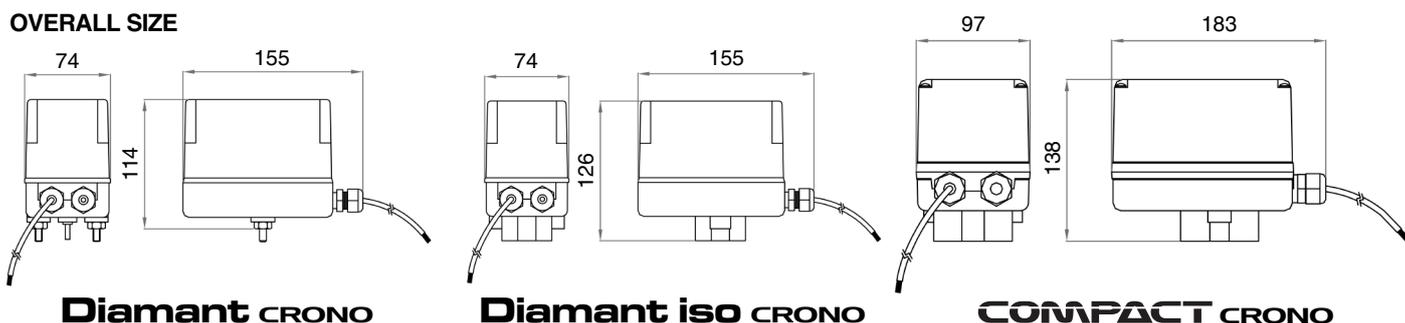
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**CONNECTION DIAGRAM**



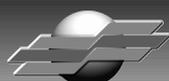
**OVERALL SIZE**



**AVAILABLE BODY VALVES**

Available product	x	Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>DIAMANT CRONO</b>												
2-WAY body valve with brass tangs												
2 WAY total passage					x	x	x					
2 WAY tot pass with spacer for insulation					x	x	x					
2 WAY tot pass with spacer for insulation and manual opening					x	x	x					
BY-PASS body valve with brass tangs						x	x					
3-WAY body valve with brass tangs												
3 WAY total passage						x	x					
3 WAY tot pass with spacer for insulation						x	x					
3 WAY tot pass with spacer for insulation and manual opening						x	x					
2-WAY body valve, brass F/F												
2 WAY tot pass with spacer for insulation			x	x	x	x	x					
2 WAY tot pass with spacer for insulation and manual opening			x	x	x	x	x					
Vert. 3 WAY body valve brass F/F/F												
3 WAY tot pass with spacer for insulation					x	x	x					
3 WAY tot pass with spacer for insulation and manual opening					x	x	x					
2-WAY body valve, AISI 316 F/F												
2 WAY tot pass with spacer for insulation					x	x	x	x				
2 WAY tot pass with spacer for insulation and manual opening					x	x	x	x				
2-WAY body valve, threaded PVC F/F												
2 WAY tot pass with connection kit				x	x	x	x	x	x			
2 WAY tot pass with connection kit and manual opening				x	x	x	x	x	x			
2-WAY body valve, threaded PVC F/F for pasting												
2 WAY tot pass with connection kit				x	x	x	x	x	x			
2 WAY tot pass with connection kit and manual opening				x	x	x	x	x	x			
<b>DIAMANT CRONO ISO</b>												
2 WAY brass body valve FF			x	x	x	x	x	x				
3 WAY brass body valve FFF					x	x	x					
3 WAY brass ball body valve FFF			x	x	x	x	x					
2 WAY AISI 316 body valve FF					x	x	x					
3 WAY FFF AISI 316 ball body valve T/L			x	x	x							
<b>COMPACT CRONO ISO</b>												
2 WAY brass body valve FF								x	x	x	x	x
2 WAY brass body valve FF long neck								x	x	x		
3 WAY brass ball body valve FFF 90/180								x	x	x		
3 WAY brass ball body valve FFF T/L								x	x	x		
2 WAY AISI 316 body valve FF								x	x	x		
3 WAY FF AISI 316 ball body valve T/L						x	x	x				
2 WAY PVC body valve FF										x	x	x
3 WAY PVC ball body valve FFF T/L								x	x	x		
BUTTERFLY cast iron body valve									x	x	x	x

UPDATED DATA SHEETS AVAILABLE AT [www.comparato.com](http://www.comparato.com)



**HYDROTHERMAL SYSTEMS  
COMPARATO NELLO SRL**

OFFICE: 17043 CARCARE (SV) ITALY VIA G.C. ABBA, 30 • Tel. +39 019 510.371 - FAX +39 019 517.102 • PRODUCTION PLANT: LOC. PRADONNE N° 19

[www.comparato.com](http://www.comparato.com) e-mail: [info@comparato.com](mailto:info@comparato.com)

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