



Manufacturer of shut-off and control valves

TECHNICAL DATA SHEET

Two-way solenoid valve ELEPHANT-DHA11 pilot-operated solenoid valve DN15-DN50 (1/2" - 2"), normally closed or normally open type, with 220V/24V coil, for irrigation systems



+34 900 433 073, sales@valveelephant.com
Carrer d'Aragó, 264, 3-1, 08007 Barcelona, Spain

GENERAL PRODUCT INFORMATION

Product Name: Two-way solenoid valve ELEPHANT-DHA11 pilot-operated DN15 - DN50 (1/2" - 2"), normally closed or normally open type, with 220V/24V coil, for irrigation systems.

Purpose: DHA11 solenoid valve is widely used for automatic irrigation in agriculture, garden landscaping, drip irrigation and other automated control systems. The normally closed type valves are equipped with a manual switching device, which turns counterclockwise to open the valve in the absence of electricity.

Caution. Pilot-operated valves may be installed **ONLY** on a horizontal pipeline section.

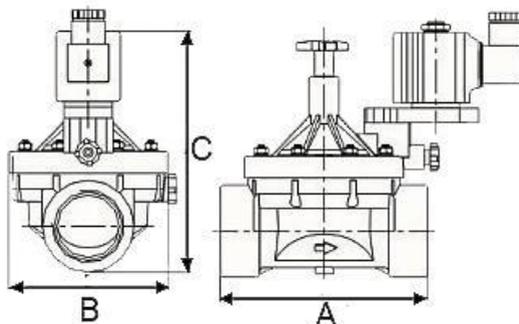


BASIC TECHNICAL DATA AND CHARACTERISTICS

Nominal diameter DN, mm (inch)	15 – 50 (1/2” – 2”)
Working pressure PN, bar	0,3...8
Working medium temperature t, °C	-5 to +80
Working medium	water, liquid medium, air
Operating principle	pilot
Device type	Normally closed or normally open
Connection to pipeline	threaded
Thread type	G
Coil supply	AC220V or DC24V
Housing material	Plastic PA66
Sealing	NBR
Protection class	IP65
Coil insulation class	F
Coil type	<ul style="list-style-type: none">• Normal• Low power (*option)
Coil capacity	<ul style="list-style-type: none">• Normal coil: 25VA (AC), 13W (DC)• Normally closed type: 3VA (AC), 3W (DC)• Normally open type: 6V (AC), 4W (DC)



VALVE DIMENSIONS



DN	Ø aisle	Ø holes	A	B	C
	inch	mm			
15	1/2"	15	85	73	126
20	3/4"	20	90	73	128
25	1"	25	125	90	148
32	1 1/4"	32	150	128	173
40	1 1/2"	40	151	128	176
50	2"	50	170	140	190

BASIC VALVE PARAMETERS

Model	DN	Ø aisle	Throughput	Working pressure (bar)	
		inch	m3/hour	Normally closed type	Normally open type
DHA11-15	15	1/2"	3.5	0,3...8	0,3...6
DHA11-20	20	3/4"	7.6	0,3...8	0,3...6
DHA11-25	25	1"	12	0,3...8	0,3...6
DHA11-32	32	1 1/4"	20	0,3...8	0,3...6
DHA11-40	40	1 1/2"	30	0,3...8	0,3...6
DHA11-50	50	2"	48	0,3...8	0,3...6



WARRANTY PERIOD

Warranty period - 12 months from the date of commissioning, but not more than 18 months from the date of sale.

The warranty does not apply:

- parts and materials of the product subject to wear and tear
- for cases of damage caused by:
 - violations of the product storage, installation, testing, operation and maintenance specifications;
 - improper transportation and handling operations;
 - the presence of traces of exposure to substances aggressive to the product materials;
 - presence of damage caused by fire, elements, force majeure circumstances;
 - damage caused by incorrect actions of the consumer;
 - traces of tampering with the design of the product.

SALES MARK

No	Product Name	Packs

Date of Sale: _____

L.S.

