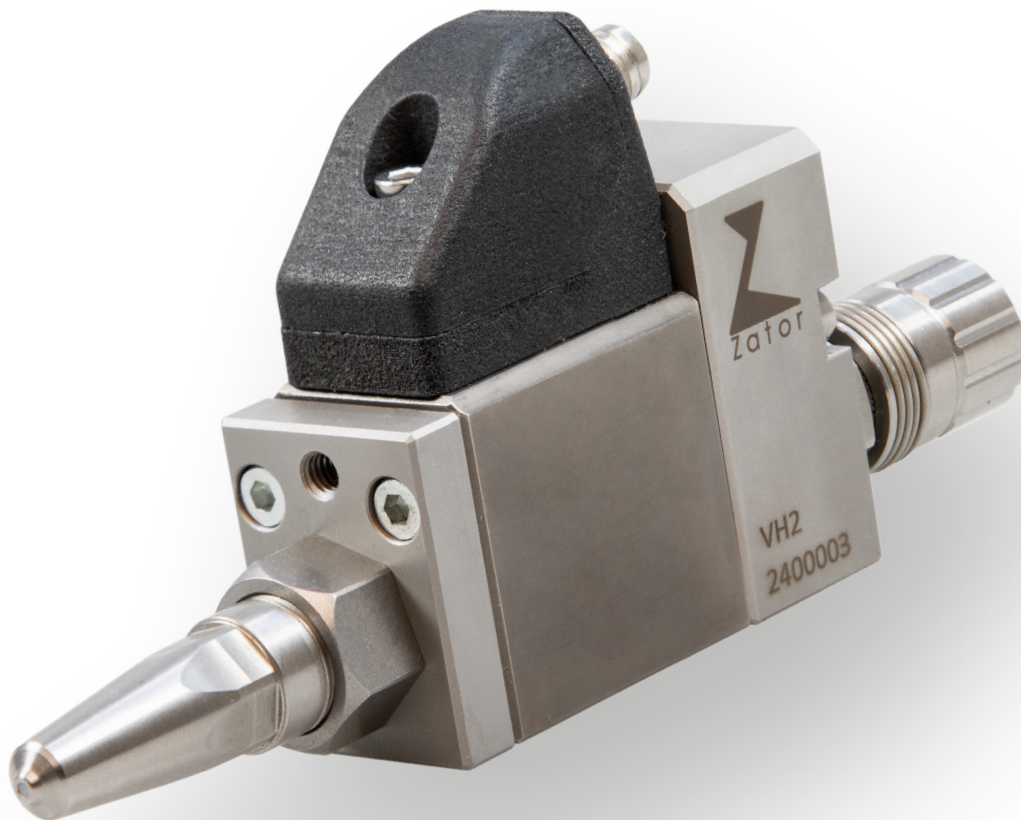


VH2

electromagnetic valve



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

The VH2 valve is a new evolution of the previous electromagnetic valves. More performing, accurate and strong. This new development optimize the electromagnetic properties. The coil is now the structural part of the valve and can also be mounted on previous valves ensuring the performance upgrade without replacing the complete valve.

It's an high-speed dispenser of low and viscosity glues, adhesives and fluids (max 3000 mPas). It is suited to dispense glue dots or lines and it is controlled by a Zator's microprocessor control or by an instrument of external control after testing and approval of Zator company.

Full stainless steel body with many types of zero cavity nozzle, needle with ceramic ball. The scaled micrometric adjustment allows a fine control of dot size. No air supply is needed, the reliability of these valves grant a long working life without any service.

The VH2 is particularly suitable for use in the paper converting sector, ensuring optimal performance, in line with the evolution of applications. The reliability of this valve guarantees a long operation.

APPLICATION FIELDS

- | packaging
- | paper converting
- | case maker
- | printing machine
- | tobacco industry
- | assembly
- | food industry

FLUID TYPES

- | cold adhesives and glues
- | inks
- | paints
- | low viscosity fluids

TECHNICAL DATA

technical data

Available nozzle diameters	from 0,30 to 1,50 mm
Valve body	stainless steel
Maximum fluid viscosity	~ 3000 mPass
Maximum working pressure	35 bar
Maximum working frequency	500 dots/sec.
Coil	6, 12 or 24 Volt
Weight	330 g

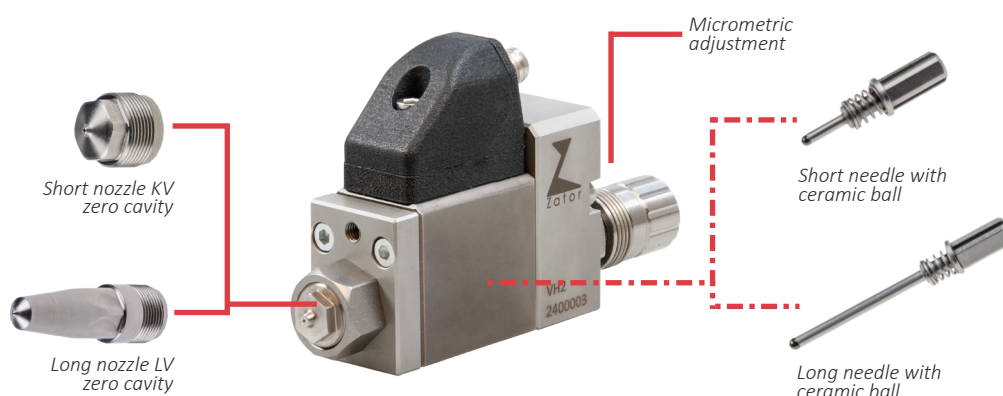
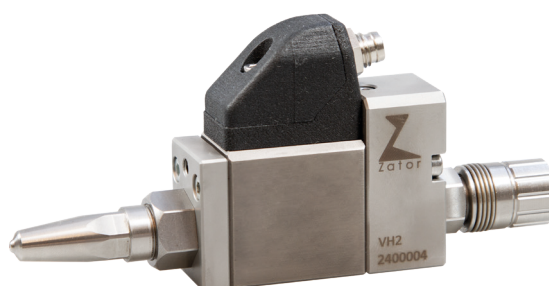


Dots and lines



MODELS

code	description
EH01C01XXX	Electromagnetic valve VH2LV 24 Volt
EG01C01XXX	Electromagnetic valve VH2LV 12 Volt
EF01C01XXX	Electromagnetic valve VH2LV 6 Volt
<i>Replace XXX value with nozzle diameter desired Available nozzle diameters from 0,30 to 1,50 mm</i>	
EH02C01XXX	Electromagnetic valve VH2KV 24 Volt
EG02C01XXX	Electromagnetic valve VH2KV 12 Volt
EF02C01XXX	Electromagnetic valve VH2KV 6 Volt
<i>Replace XXX value with nozzle diameter desired Available nozzle diameters from 0,30 to 1,50 mm</i>	



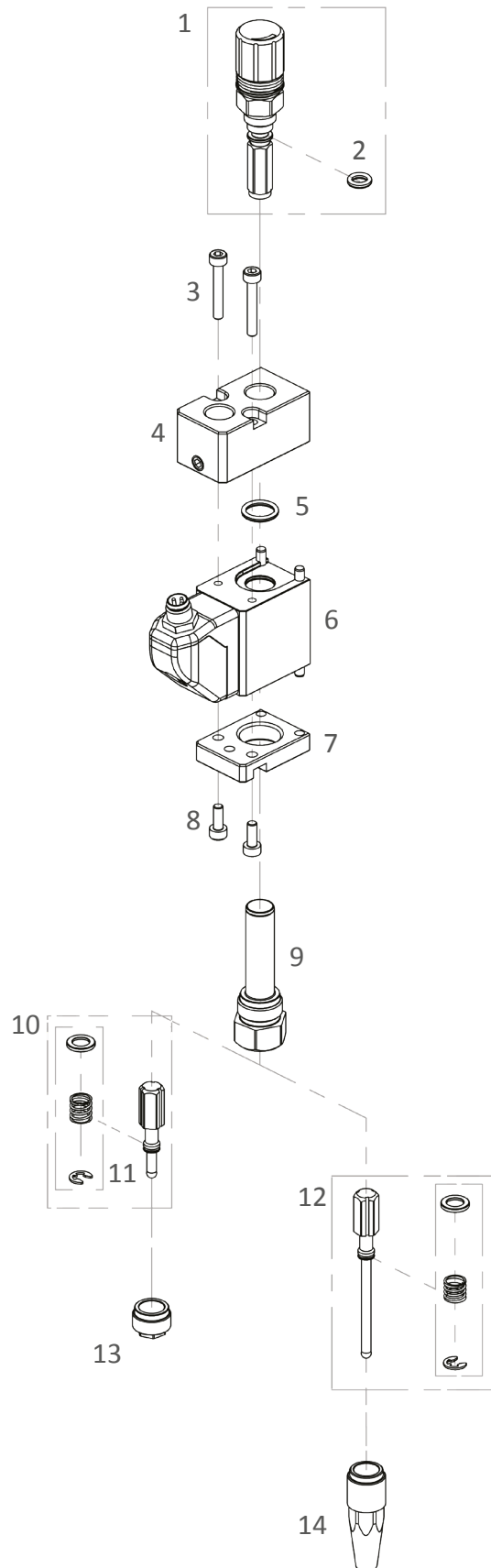


PARTS LIST

pos.	code	q.ty	description
1	MCR000100	1	Micrometric adjustment
2	RNG000008E	1	O-ring ¹
3	SC00030201	2	Screw
4	BG000120	1	Front valve body
5	RNG000011E	1	O-ring ¹
6	CL000018 CL000101 CL000103	1	Core coil 6 Volt Core coil 12 Volt Core coil 24 Volt
7	BG000056	1	Rear valve body
8	SC00030081	2	Screw
9	B27001300	1	Guide sleeve
10	B27003200	1	Needle KV
11	B27003500	1	Spring kit
12	B27003300	1	Needle LV
13	H852101XX	1	Nozzle KV
14	NZLE0102XXX	1	Nozzle LV
<i>Replace XXX value with nozzle diameter desired Available nozzle diameters from 0,30 to 1,50 mm</i>			
	KG0000100	1	Gasket kit ¹



ELECTROMAGNETIC VALVE VH2

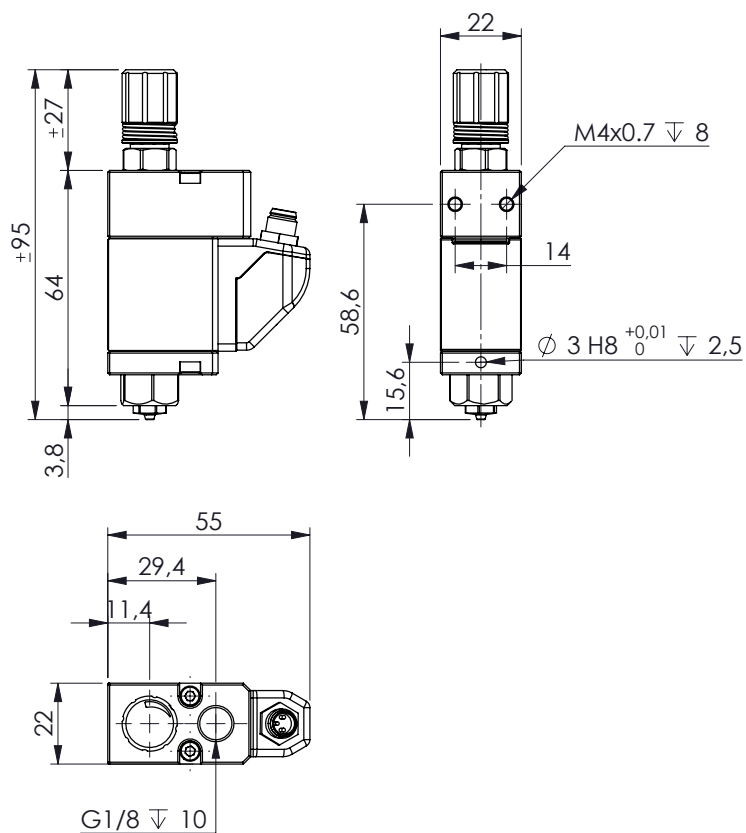


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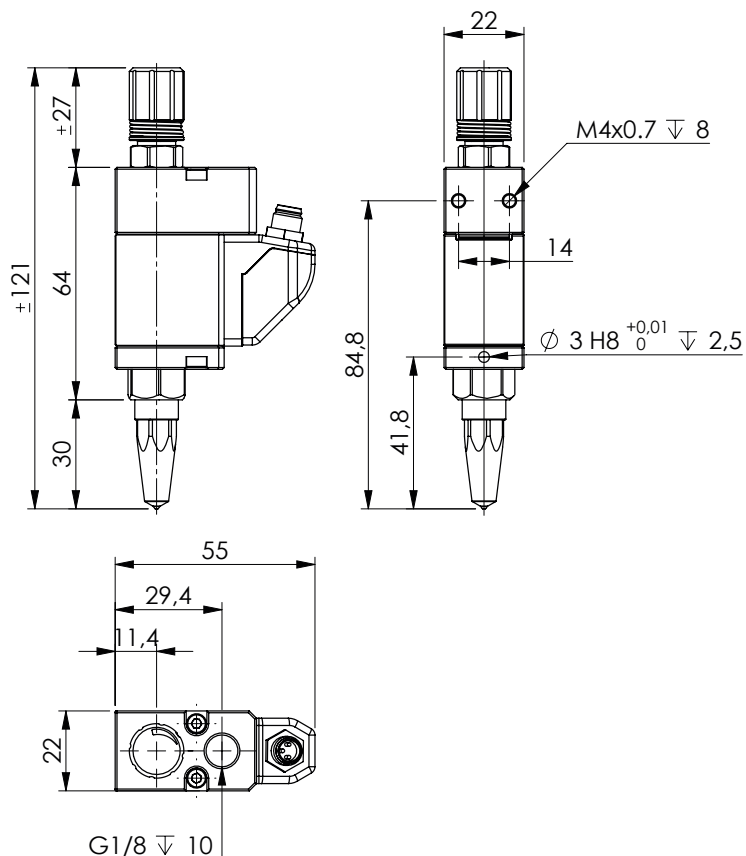


DIMENSIONS

VH2KV



VH2LV



ZATOR SRL

Via Galvani, 11
20095 Cusano Milanino (MI)
Italy

Tel. +39 02 66403235
Fax +39 02 66403215

info@zator.it
www.zator.it



The data and values expressed in the manual are approximate and variable depending on fluids, applications and methods of use.

Datasheet
VH2_v02

MAY 2023

