

# DLK16

electromagnetic valve



Zator  
gluing solutions

DATASHEET





# TECHNICAL DESCRIPTION

The electromagnetic valve DLK16 has been designed and realized for its use on various kind of production machines operating at high speed: its design and versatility make it ideal for any applications that require the use of dispensing valves.

It's an high-speed dispenser of low and viscosity glues, adhesives and fluids (max 800 mPas). It can be dispense glue dots. 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 gun, zero cavity short 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.

## APPLICATION FIELDS

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

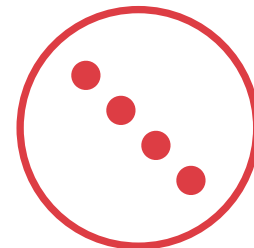
## FLUID TYPES

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

# TECHNICAL DATA

## technical data

Available nozzle diameters	from 0,15 to 0,80 mm
Valve body	stainless steel
Maximum fluid viscosity	~ 800 mPas
Maximum working pressure	6 bar
Fluid supply connection	M5
Maximum working frequency	1000 dots/sec.
Coil	6 Volt
Weight	170 g



Dots



# MODELS

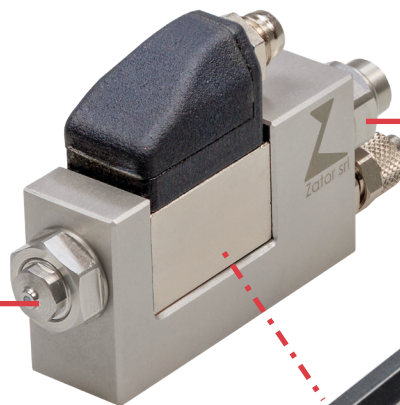
code	description
EA02D01XXX	Electromagnetic valve DLK16KV 6 Volt <i>Replace XXX value with nozzle diameter desired Available nozzle diameters from 0,30 to 0,80 mm</i>
EA14E01XXX	Electromagnetic valve DLK16KC 6 Volt with ceramic tip nozzle <i>Replace XXX value with nozzle diameter desired Available nozzle diameters 0,15 - 0,20 - 0,30 mm</i>
WCB322505	Cable DLK16 length 5 mt



Short nozzle KV



Short nozzle KC



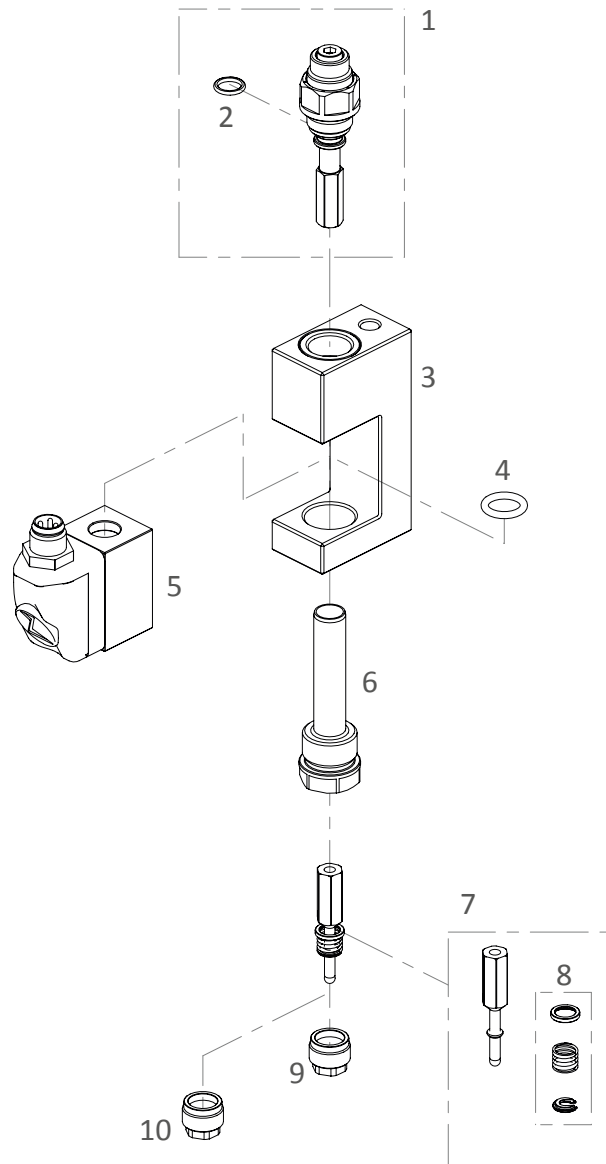
Scaled micrometric adjustment



Needle with ceramic ball



## PARTS LIST



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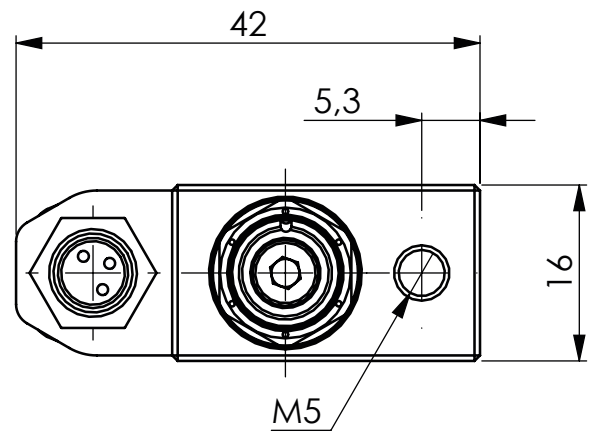
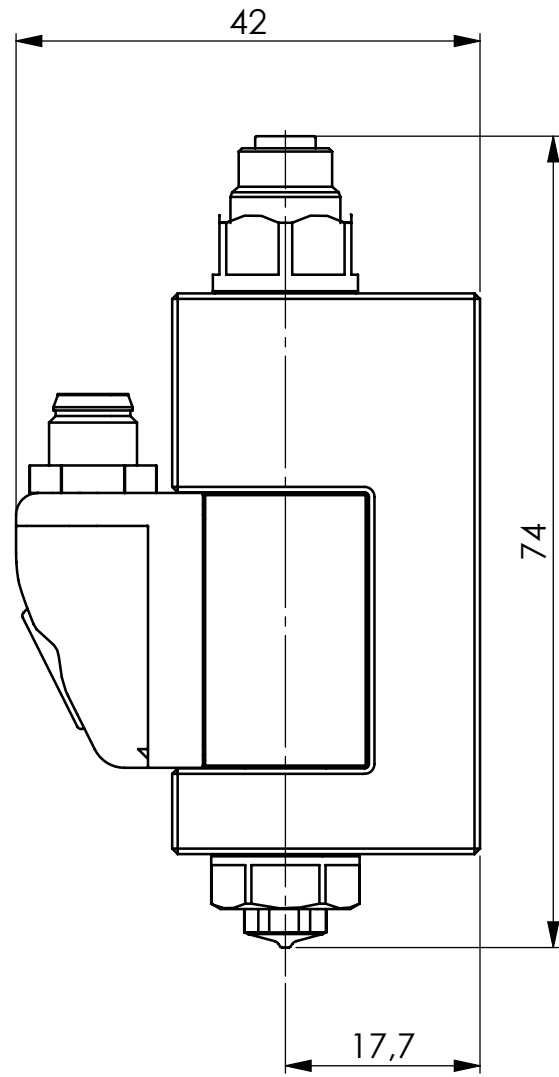
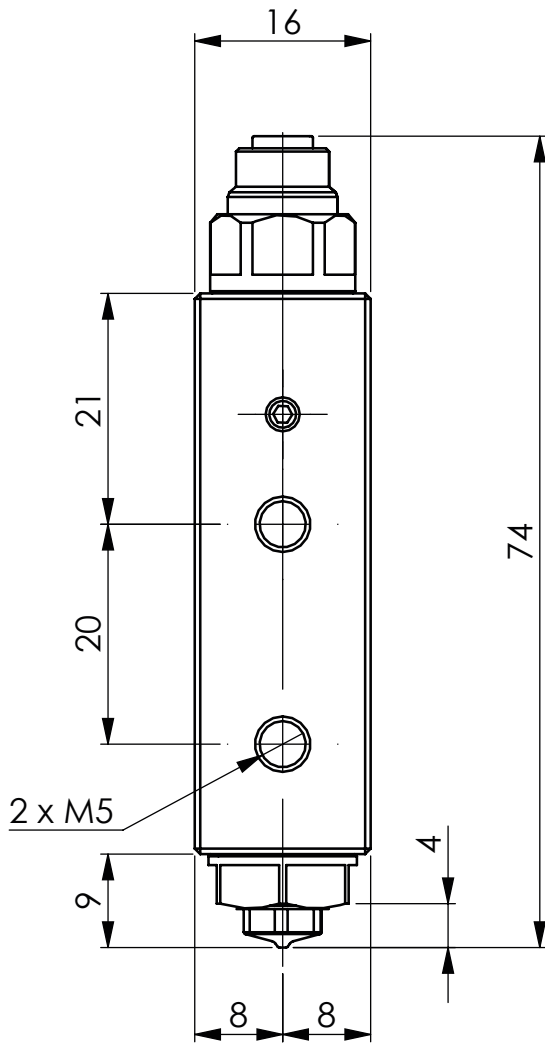
pos.	code	q.ty	description
1	MCR000009	1	Micrometric adjustment
2	RNG050X10E	1	O-ring
3	BG000004	1	Valve body
4	RNG070X15E	1	O-ring
5	CL000007	1	Coil 6 Volt
6	GDS00003	1	Guide sleeve
7	NDL000003	1	Needle KV
8	SPK000001	1	Spring kit
9	NZLE0204XXX	1	Nozzle KV
10	NZLE1404XXX	1	Nozzle KC with ceramic tip nozzle

Replace XXX value with nozzle diameter desired  
Available nozzle diameters from 0,30 to 0,80 mm

Replace XXX value with nozzle diameter desired  
Available nozzle diameters from 0,15 to 0,30 mm



# DIMENSIONS



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Datasheet  
DLK16\_v03

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