

DLK16

ELECTROMAGNETIC VALVE





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 machines

Tobacco industry

Fluid types

Adhesives and glues

Inks

Paints

Low viscosity fluids

TECHNICAL DATA

Available nozzle diameters from 0,30 to 0,80 mm

Valve body Stainless steel

Maximum fluid viscosity ~ 800 mPas

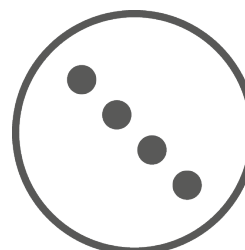
Maximum working pressure 6 bar

Fluid supply connection M5

Maximum working frequency 1000 dots/sec

Coil 6 Volt

Weight 170 gr



Dots



MODELS

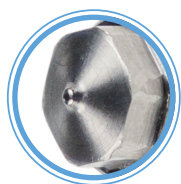
Code	Description
EA02D01XXX	Electromagnetic valve DLK16KV 6 Volt

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



Code	Description
EA14E01XXX	Electromagnetic valve DLK16KC 6 Volt with ceramic tip

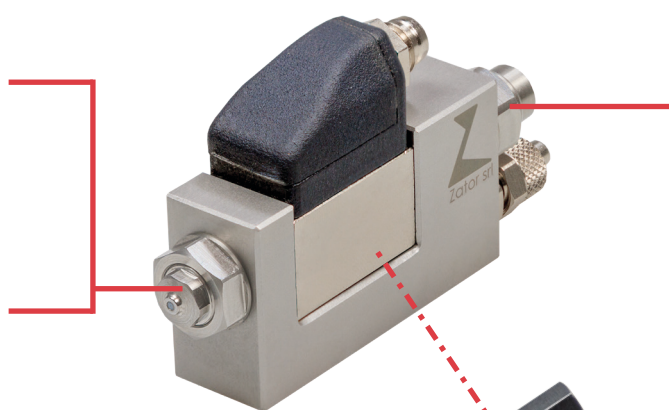
*Replace XXX value with nozzle diameter desired
Available nozzle diameters 0,20 - 0,30 mm*



Short nozzle KV



Short nozzle KC



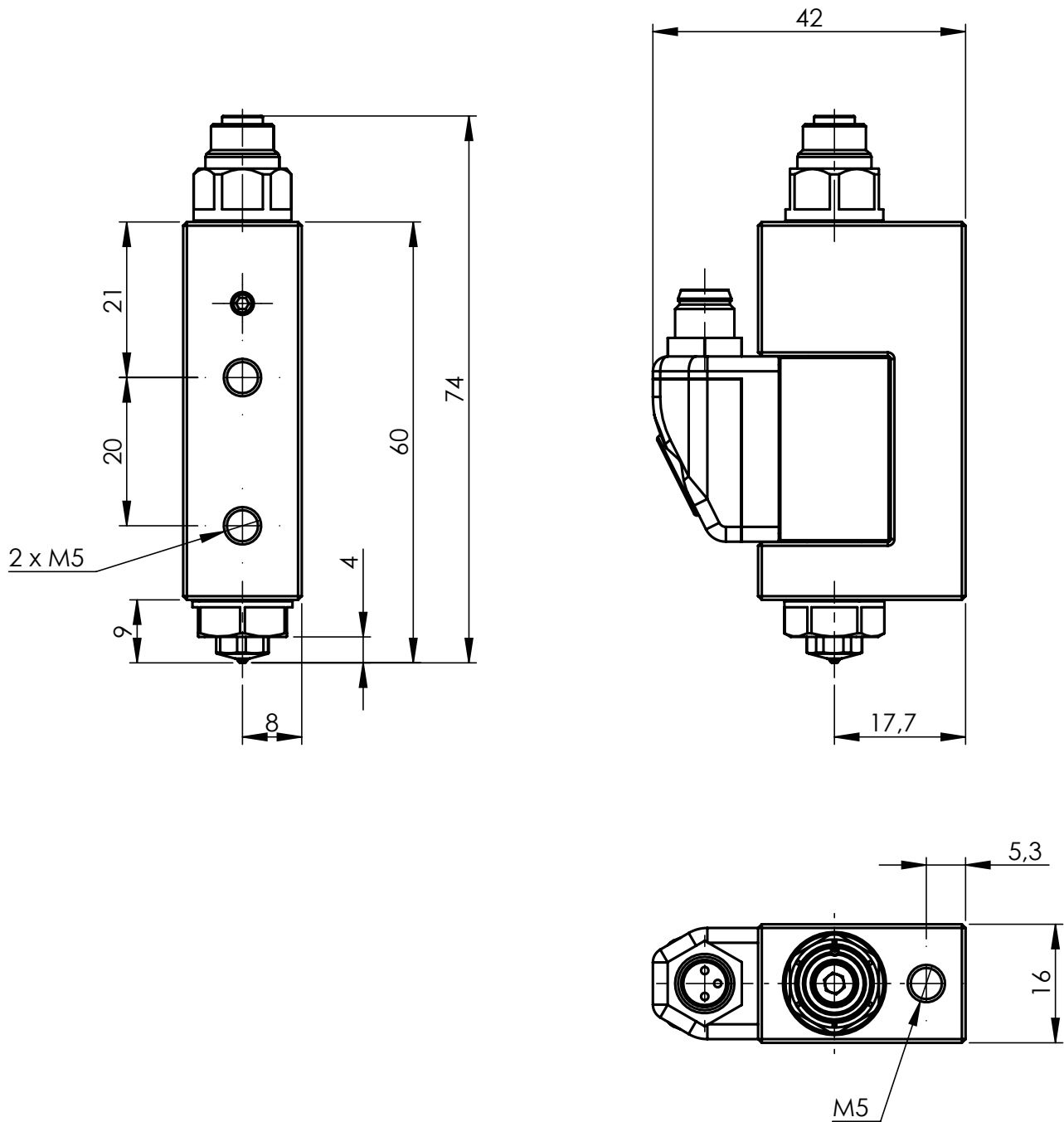
Scaled micrometric adjustment



Needle with ceramic ball

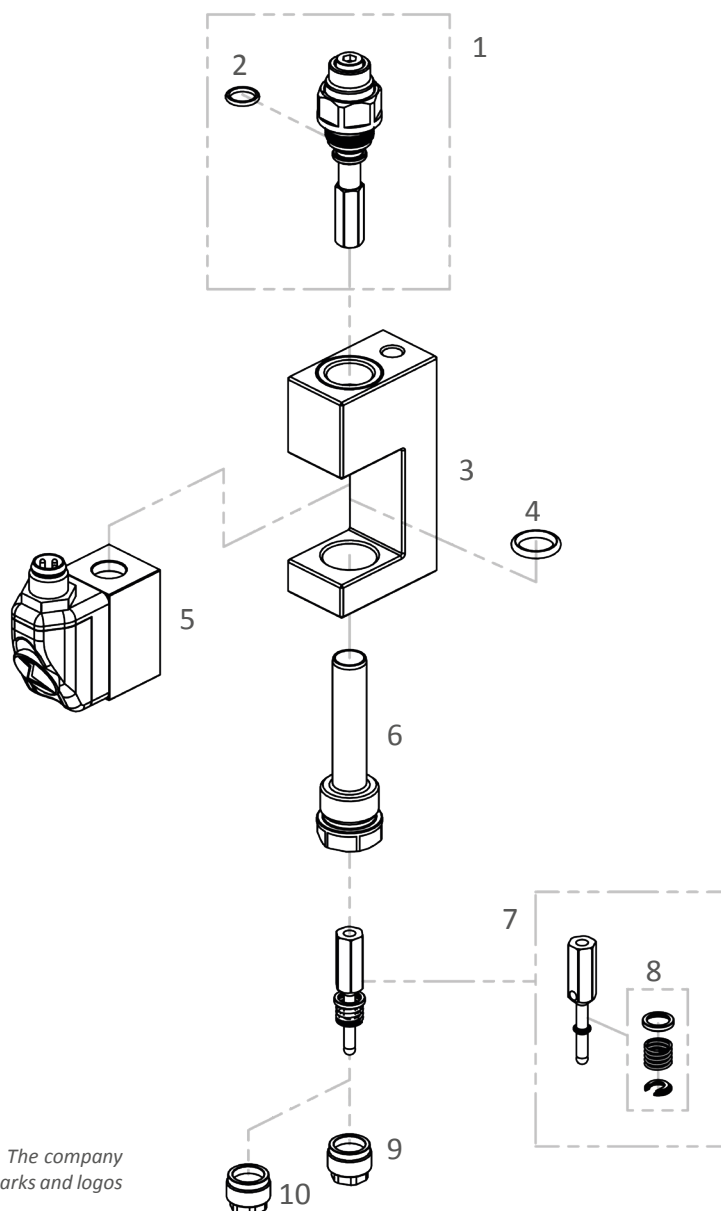


DIMENSIONS





PARTS LIST



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Pos.	Code	Q.ty	Description
1	MCR000009	1	Micrometric adjustment
2	K92010501	1	O-ring
3	BG000004	1	Valve body
4	K92010703	1	O-ring
5	CL000007	1	Coil 6 Volt
6	GDS000003	1	Guide sleeve
7	NDL000003	1	Needle KV
8	SPK000001	1	Spring kit
9	NZLE0204XXX	1	Nozzle KV
Replace XX value with nozzle diameter desired - Available nozzle diameters from 0,30 to 0,80 mm			
10	NZLE1404XXX	1	Nozzle KC with ceramic tip
Replace XX value with nozzle diameter desired - Available nozzle diameters 0,20 - 0,30 mm			

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