

<b>ALPHA-ACHEM Data Sheet**</b>	<b>Product ID ALV520F3C0D</b>
<b>PRODUCT NAME</b>	
5/2 High Performance Alu. Solenoid Valve	
<b>MODEL NO.</b>	
<b>ALV520F3C0D</b>	
<b>DESCRIPTION OF THE PRODUCT</b>	
<p>Based on NAMUR standard (32×24), the ALV520F3C0D AICHEM NAMUR solenoid valve functions as 5/2 or 3/2NC and is available for the operation of double-acting and spring-return pneumatic actuators. Working pressure from 2 bar to 8 bar and the working voltage is from 12-48VDC, 110-240VAC.</p>	

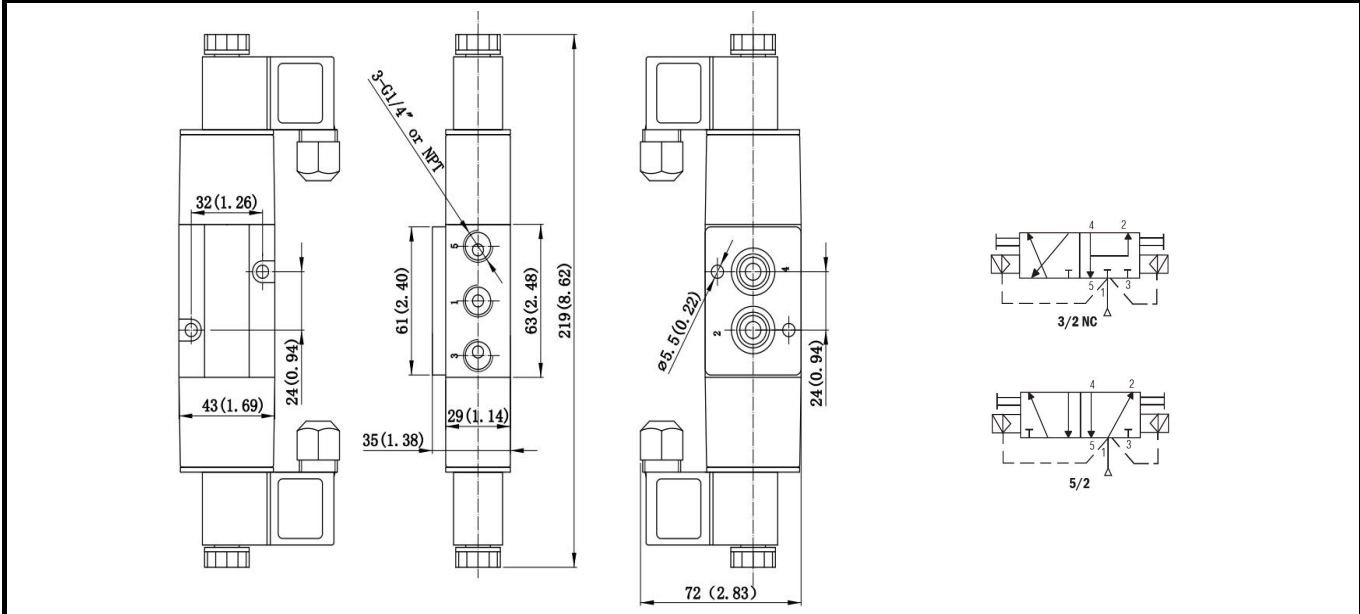
<b>APPROVED BY</b>	<b>Solenoid Coil (C0D)</b>
<b>IP66</b> <b>NEMA4,4X</b>	<b>Operating Voltage</b> 12/24/48VDC-4W 110/120/220/240VAC-4VA (50/60HZ)

<b>SPECIFICATIONS AND TECHNICAL DATA</b>		<b>Voltage Tolerance</b>	±10%
<b>Spool Valve/Body</b>	Extruded Aluminum	<b>Wiring Connector</b>	External Thread Din Plug
<b>Coating</b>	Anodized Coated	<b>Cable Size</b>	Dia.5-10mm
<b>Seal</b>	Buna N	<b>Insulation</b>	F Class (H Class On Requiring)
<b>Materials in Contact with Fluid</b>	Aluminum, Glass-filled Resin, Buna N	<b>Insulated Voltage</b>	1000V
		<b>Duty Factor</b>	100% ED
<b>Function</b>	5/2 or 3/2NC, Bistable, Pilot Operation	<b>Weather Proof</b>	IP66
<b>Air Ports</b>	Air Ports 1/4" BSPP or NPT	<b>Operating Temp.*</b>	-20°C ~ 80°C

<b>Flow Rate</b>	CV = 1.1(19.63mm <sup>2</sup> )	<b>Wiring Diagram</b>
<b>Installation and Connection</b>	24×32 Namur, Manual Override On Body	
<b>Fasteners</b>	Stainless Steel	
<b>Environment</b>	Indoor and Outdoor	
<b>Medium Temperature*</b>	-20°C ~ 80°C	
<b>Working Pressure</b>	2~8 bar	
<b>Working Medium</b>	Less Than 40µm Filtered and Dried Air	
<b>Working Life</b>	More Than 1000,000 Cycle (On The Normal Working Condition)	

\* When the operating temp. is different with medium temperature, the one has smaller absolute value must be chose.

**DRAWING AND DIMENSION**



\*\*For continuous improvement of the product, we reserve the right to alter the dimensions, technical data and information included in this data sheet.