

KROM®



>>KV Series Flameproof Solenoid Valve



SO9001 Certification



ISO14001 Certification



CE Certification



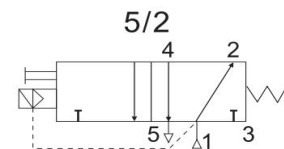
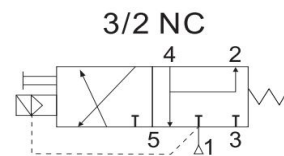
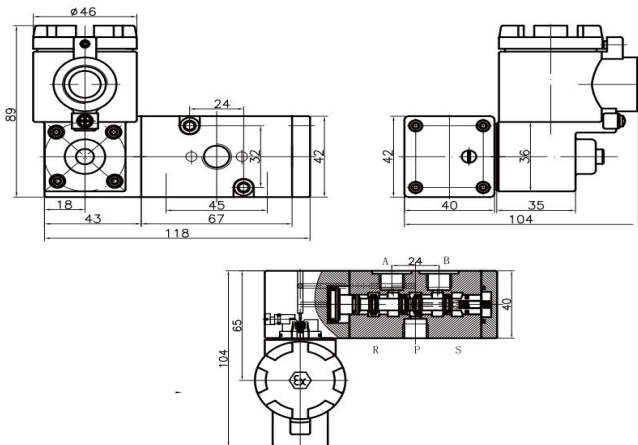
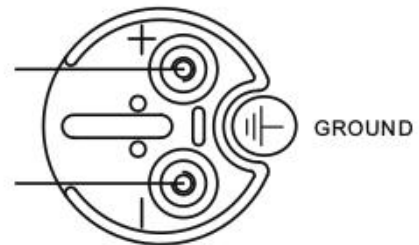
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KV510-08L-C6

According to international standards, KROM solenoid valve is a real multi-function solenoid valve containing four functions of NAMUR board, pipe, 2/3, and 2/5, which can directly control single-acting and double-acting pneumatic actuators, equipped with safe and reliable manual devices. Due to its unique air path structure, all breathing holes on the KROM solenoid valve body are connected with the exhaust holes, with no breathing holes on the valve body surface being connecting to the outside. This can effectively prevent external liquids, dust and impurities from entering the valve body, which is especially suitable for use in outdoor or dust-polluted working environments.



Technical Specifications and Parameters		Electromagnetic Coil	C6
Valve Material	Cold extruded aluminum alloy	Working Power	24VDC-3.5W/1.5W (50/60HZ) 110/220VAC-4VA 240VAC-4.5VA
Surface Treatment	Anodized or chemically patterned nickel	Coil Shell	Aluminum alloy explosion-proof shell
Sealing	Nitrile rubber "O" ring	Cable Interface	M20×1.5 1/2" BSPP or NPT
Media Contact Material	Aluminum, reinforced nylon, nitrile rubber	Insulation Level	H Class Coil
Valve Body Function and CV Value	5/2 and 3/2 NC, CV=1.4 (25mm)	Dielectric Strength	1000V
Air Supply Interface	G1/4 "BSPP or NPT1/4"	Complex Cycle	100% ED
Installation Standard	24×32 NAMUR board connection or pipe connection	Protection Level	IP66
Fastening Screws	Stainless steel	Explosion-proof Level	ExdIICT6 DIPA20 TA, T6
Protection Level	1P66/ NEMA4, 4X	Operating Temperature	-20°C~60°C
Explosion-proof Level	ExdIICT6 DIPA20 TA, T6	Electrical Wiring	
Operating Temperature	-10°C~80°C		
Working Pressure	1~8 bar		
Working Medium	Filtered (≤40um), dry and lubricated air or neutral gas		
Double Electric Control	Available		
Service Life	More than 3.5 million times (normal operating conditions)		

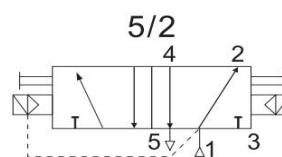
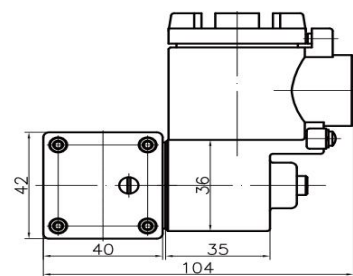
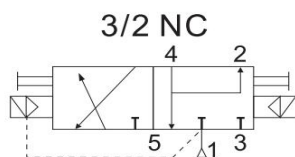
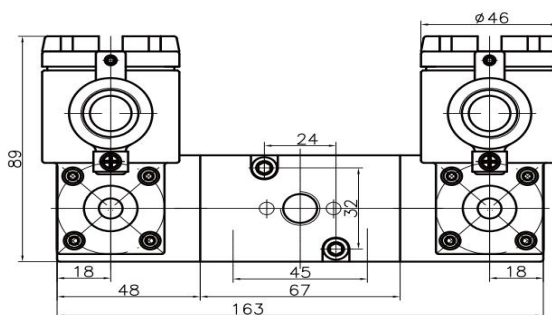
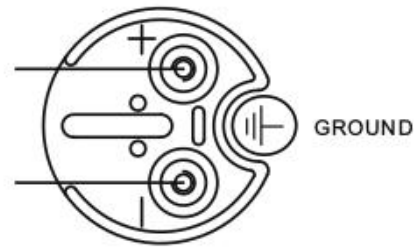


KV520-08L-C6

According to international standards, KROM double electric control explosion-proof solenoid valve is a real multi-function double electric control explosion-proof solenoid valve containing four functions of NAMUR board connection, pipe connection, 2/3, and 2/5, which can directly control single-acting and double-acting pneumatic actuators, equipped with safe and reliable manual devices. All breathing holes on the KROM solenoid valve body are connected with the exhaust holes, with no breathing holes on the valve body surface being connecting to the outside. This can effectively prevent external liquids, dust and impurities from entering the valve body, which is especially suitable for use in outdoor or dust-polluted working environments. In the case of long-term power-on, the double solenoid valve is more reasonable.



Technical Specifications and Parameters		Electromagnetic Coil	C6
Valve Material	Cold extruded aluminum alloy	Working Power	24VDC-3.5W/1.5W (50/60HZ) 110/220VAC-4VA 240VAC-4.5VA
Surface Treatment	Anodized or chemically patterned nickel	Coil Shell	Aluminum alloy explosion-proof shell
Sealing	Nitrile rubber "O" ring	Cable Interface	M20×1.5 1/2" BSPP or NPT
Media Contact Material	Aluminum, reinforced nylon, nitrile rubber	Insulation Level	H Class Coil
Valve Body Function and CV Value	5/2 and 3/2 NC, CV=1.4 (25mm)	Dielectric Strength	1000V
Air Supply Interface	G1/4 "BSPP or NPT1/4"	Complex Cycle	100% ED
Installation Standard	24×32 NAMUR board connection or pipe connection	Protection Level	IP66
Fastening Screws	Stainless steel	Explosion-proof Level	ExdIICT6 DIPA20 TA, T6
Protection Level	IP66/ NEMA4, 4X	Operating Temperature	-20°C~60°C
Explosion-proof Level	ExdIICT6 DIPA20 TA, T6	Electrical Wiring	
Operating Temperature	-10°C~80°C		
Working Pressure	1~8 bar		
Working Medium	Filtered (≤40um), dry and lubricated air or neutral gas		
Single Electric Control	Available		
Service Life	More than 3.5 million times (normal operating conditions)		



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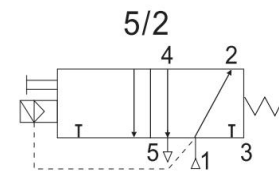
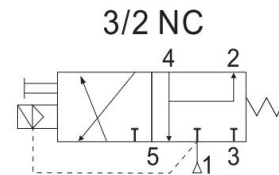
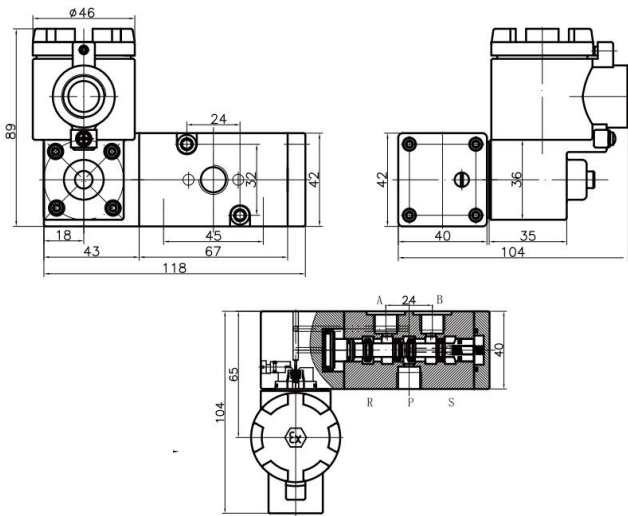
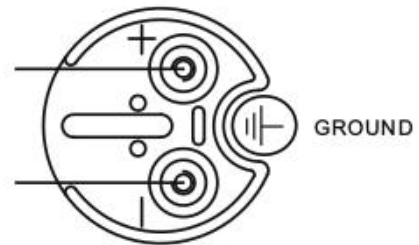
KV510-08S-C6

According to international standards, KROM stainless steel 316L explosion-proof solenoid valve contains four functions of NAMUR plate connection type, pipe connection type, 2/3 and 2/5, which can directly control single-acting and double-acting pneumatic actuators, equipped with a safe and reliable manual device. Owing to its unique stainless steel 316L valve body and high-level explosion-proof performance, the solenoid valve is especially suitable for high-corrosion and high-explosion-proof environments such as petrochemical and offshore platforms.



Technical Specifications and Parameters		Electromagnetic Coil	C6
Valve Material	Stainless steel 316L	Working Power	24VDC-3.5W/1.5W (50/60HZ) 110/220VAC-4VA 240VAC-4.5VA
Surface Treatment	Electrolytic polishing	Coil Shell	Stainless steel 316L
Sealing	Nitrile rubber "O" ring	Cable Interface	M20×1.5 1/2" BSPP or NPT
Media Contact Material	Stainless steel 316L, nitrile rubber, POM	Insulation Level	H Class Coil
Valve Body Function and CV Value	5/2 and 3/2 NC, CV=1.4 (25mm)	Dielectric Strength	1000V
Air Supply Interface	G1/4 "BSPP or NPT1/4"	Complex Cycle	100% ED
Installation Standard	24×32 NAMUR board connection or pipe connection	Protection Level	IP66
Fastening Screws	Stainless steel	Explosion-proof Level	ExdIICT6 DIPA20 TA, T6
Protection Level	IP66/ NEMA4, 4X	Operating Temperature	-20°C~60°C
Explosion-proof Level	ExdIICT6 DIPA20 TA, T6		
Operating Temperature	-10°C~80°C		
Working Pressure	1~8 bar		
Working Medium	Filtered (≤40um), dry and lubricated air or neutral gas		
Single Electric Control	Available		
Service Life	More than 3.5 million times (normal operating conditions)		

Electrical Wiring



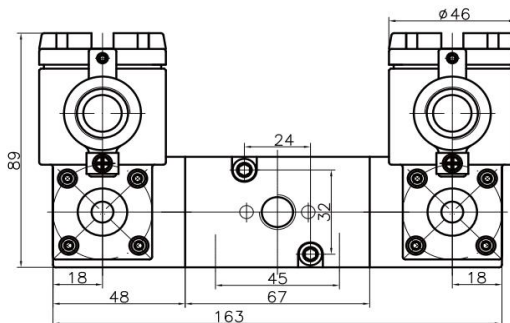
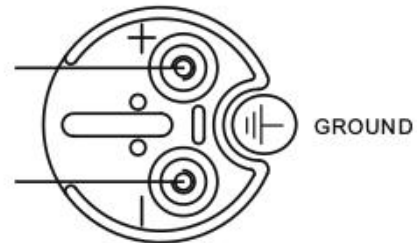
KV520-08S-C6

According to international standards, KROM double electric control stainless steel 316L explosion-proof solenoid valve contains four functions of NAMUR plate connection type, pipe connection type, 2/3 and 2/5, which can directly control single-acting and double-acting pneumatic actuators, equipped with a safe and reliable manual device. Owing to its unique stainless steel 316L valve body and high-level explosion-proof performance, the solenoid valve is especially suitable for high-corrosion and high-explosion-proof environments such as petrochemical and offshore platforms. In the case of long-term power-on, the double solenoid valve is more reasonable, with longer service life.

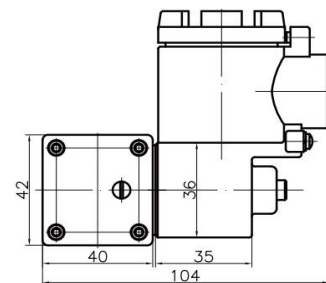
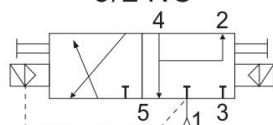


Technical Specifications and Parameters		Electromagnetic Coil	C6
Valve Material	Stainless steel 316L	Working Power	24VDC-3.5W/1.5W (50/60HZ) 110/220VAC-4VA 240VAC-4.5VA
Surface Treatment	Electrolytic polishing	Coil Shell	Stainless steel 316L
Sealing	Nitrile rubber "O" ring	Cable Interface	M20×1.5 1/2" BSPP or NPT
Media Contact Material	Stainless steel 316L, nitrile rubber, POM	Insulation Level	H Class Coil
Valve Body Function and CV Value	5/2 and 3/2 NC, CV=1.4 (25mm)	Dielectric Strength	1000V
Air Supply Interface	G1/4 "BSPP or NPT1/4"	Complex Cycle	100% ED
Installation Standard	24×32 NAMUR board connection or pipe connection	Protection Level	IP66
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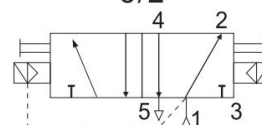
Electrical Wiring



3/2 NC



5/2



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KROM reserves the right to modify or change parameters without notice. The data in this version are subject to change and update, please feel free to visit our website (www.krom-fc.de) for the latest information.

- Fluid control expert under severe conditions.
- High performance and high reliability.
- Fully complying with the latest international norms.
- More applicable specifications and higher performance-price ratio.
- Better industrial modeling, more suitable for a variety of application environments.



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