

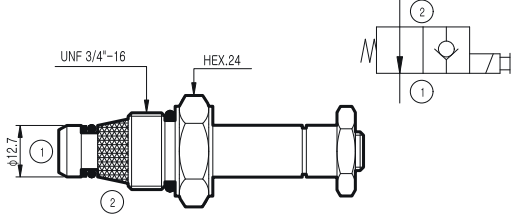
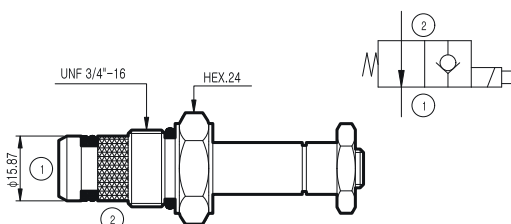
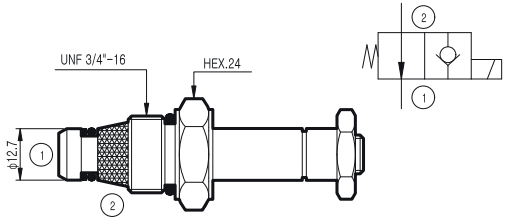
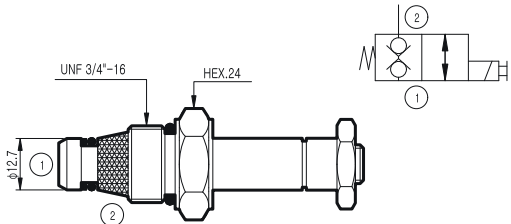
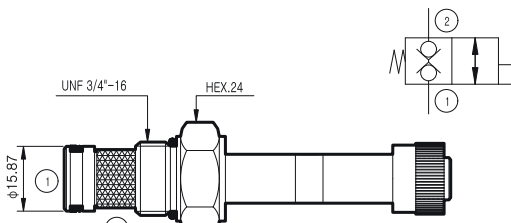
SOLENOID VALVE & COIL

A	CODE	S		MHXX			NNNN	
	TYPE	Solenoid valve		Micro s/w manual			Plug for cavity	
B	CODE	C		O			D	
	DIAGRAM	Normally closed type		Normally open type			Double locking type	
C	CODE	1	2	3	4	5	6	7
	VOLTAGE	DC 12V	DC 24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V
D	CODE	Specification						
		Cavity	Working pressure (Max.)	Flow (Max.)	Internal leakage	Thread	Diameter	
	1	09	280 kg · f/cm ²	40 l/min	0.15 cc/min	UNF 3/4	φ15.87	
8	08	280 kg · f/cm ²	40 l/min	0.15 cc/min	UNF 3/4	φ12.7		
E	CODE	DN		DS		DL		DR
	TYPE	DIN Connector		Dual Spades		Lead wire (only DC)		Integral Deutche Connector

Note. Use RAC solenoid for double locking and normally open valves for AC application.

SOLENOID VALVE SPECIFICATION

SOLENOID VALVE : NORMALLY CLOSED	Description	Operation	Ratings
<p>MODEL : SV08-20DM</p>	<p>A solenoid -operated, 2-way, normally closed, poppet-type, screw-in hydraulic cartridge valve, intended to act as a blocking or load-holding device for low flow circuits.</p>	<p>When de-energized, the valve acts as a check valve allowing oil flow only from port ① to port ②. When energized the oil flow is possible from port ② to ① and is restricted from ① to ②.</p>	<ul style="list-style-type: none"> ⊙ Pressure : 280 kg · f/cm² max. ⊙ Flow : 40 l/min ⊙ Filtration : 280 micron or better ⊙ Coil must be ordered separately. ⊙ External valve surface are zinc coated.
<p>MODEL : SV09-20DM</p>			
<p>MODEL : SV08-20D</p>	<p>A solenoid -operated, 2-way, normally closed, poppet-type, screw-in hydraulic cartridge valve, intended to act as a blocking or load-holding device for low flow circuits.</p>	<p>When de-energized, the valve acts as a check valve allowing oil flow only from port ① to port ②. When energized the oil flow is possible from port ② to ① and is restricted from ① to ②.</p>	
<p>MODEL : SV09-20D</p>			

SOLENOID VALVE : NORMALLY OPEN	Description	Operation	Ratings
<p>MODEL : SV08-21DP</p> 	<p>A solenoid -operated, 2-way, piloted, poppet-type, normally open, screw-in, hydraulic cartridge valve designed for low leakage in load-holding applications.</p>	<p>When de-energized, the valve allows flow from ② to ①. Flow from ① to ② is severely restricted in this mode.</p> <p>When energized, the valve's poppet closes on its seat, blocking flow from ② to ①. In this mode the cartridge will allow ① to ② flow after overcoming the solenoid force (requires 3.4 to 10.3 bar).</p> <p>To operate the manual override turn the round knob counterclockwise; to reset the valve for normal operation, turn the knob clockwise.</p>	<ul style="list-style-type: none"> ⊙ Pressure : 207 kg · f/cm² max. ⊙ Internal Leakage : 0.15cc/min max. At 207 kg · f/cm² ⊙ Filtration : 280 micron or better ⊙ Coil must be ordered separately. ⊙ External valve surface are zinc coated.
<p>MODEL : SV09-21DP</p> 			
<p>MODEL : SV08-21D</p> 			
SOLENOID VALVE : DOUBLE LOCKING	Description	Operation	Ratings
<p>MODEL : SV08-28DP</p> 	<p>A solenoid-operated, two-way, normally closed, direct -acting, needle-type, screw-in hydraulic cartridge valve, designed to function as a blocking or load-holding device for low flow circuits.</p>	<p>When de-energized the valve blocks flow in both directions, to pressure rating. If pressure on ① exceeds the rating, flow may pass from ① to ②.</p> <p>When energized, the needle point lifts to open the valve bidirectionally.</p>	<ul style="list-style-type: none"> ⊙ Pressure : 207 kg · f/cm² max. ⊙ Effective Orifice Size : 0.81mm ⊙ Internal Leakage : 0.10cc/min max. at 207 kg · f/cm² ⊙ Filtration : 280 micron or better ⊙ Coil must be ordered separately. ⊙ External valve surface are zinc coated.
<p>MODEL : SV09-28DP</p> 			

STANDARD COILS								
DN								
	12V DC / 24V DC 18W 220V AC		12V DC / 24V DC 22W 220V RAC W22		12V DC / 24V DC 16W 230V AC			
DS			DL			DR		
	12V DC / 24V DC 16W 230V AC			Standard wire length 250mm 			12V DC / 24V DC	
HYDRO-TEK PART NUMBER								
Voltage		12V DC	24V DC	110V AC	220V AC	110V RAC	220V RAC	24V AC
DN	22W	400853	400854	400855	400855	400465	400452	400958
	18W	400469	400467		400456(60Hz) 402139(50Hz)			
	16W	401892	401893		401894			
DS		402296	402297		412053			
DL		411818	411819					
DR		409612	411820					

SOLENOID VALVE & COIL

ELECTRICAL DIN CONNECTOR																							
<p>PG09</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6f2ff;">Housing :</td> <td>Black : PA + 30% GF</td> </tr> <tr> <td style="background-color: #e6f2ff;">Contact holder, Gland nut :</td> <td>PA + 30% FV / PA + 30% GF</td> </tr> <tr> <td style="background-color: #e6f2ff;">Cable diameter :</td> <td>8 ~ 10 mm</td> </tr> <tr> <td style="background-color: #e6f2ff;">Contact material :</td> <td>Cu Zn (Ag)</td> </tr> <tr> <td style="background-color: #e6f2ff;">Max. voltage :</td> <td>250 V AC / 300 V DC</td> </tr> <tr> <td style="background-color: #e6f2ff;">Max. current :</td> <td>16A</td> </tr> <tr> <td style="background-color: #e6f2ff;">Operating current :</td> <td>10A</td> </tr> <tr> <td style="background-color: #e6f2ff;">Spacing :</td> <td>18mm</td> </tr> <tr> <td style="background-color: #e6f2ff;">Max. wire cross-section :</td> <td>1.5 mm²</td> </tr> <tr> <td style="background-color: #e6f2ff;">Insulation class :</td> <td>C - VDE 0110</td> </tr> <tr> <td style="background-color: #e6f2ff;">Working temperature :</td> <td>-40°C / +125°C</td> </tr> </table>	Housing :	Black : PA + 30% GF	Contact holder, Gland nut :	PA + 30% FV / PA + 30% GF	Cable diameter :	8 ~ 10 mm	Contact material :	Cu Zn (Ag)	Max. voltage :	250 V AC / 300 V DC	Max. current :	16A	Operating current :	10A	Spacing :	18mm	Max. wire cross-section :	1.5 mm ²	Insulation class :	C - VDE 0110	Working temperature :	-40°C / +125°C
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