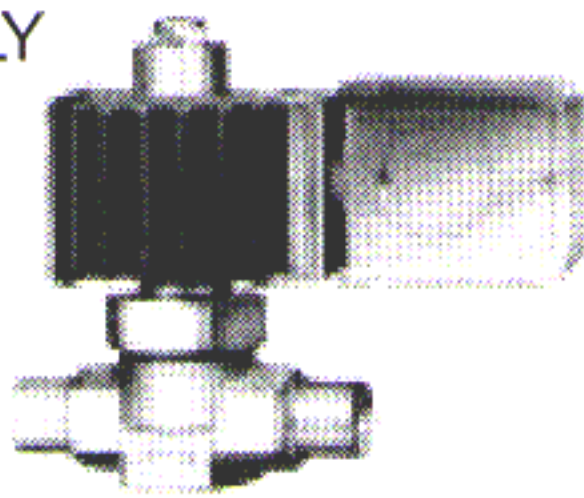


■ **TYPES B9 and E9 Series** ■ for Refrigerants 12-22-134a-502

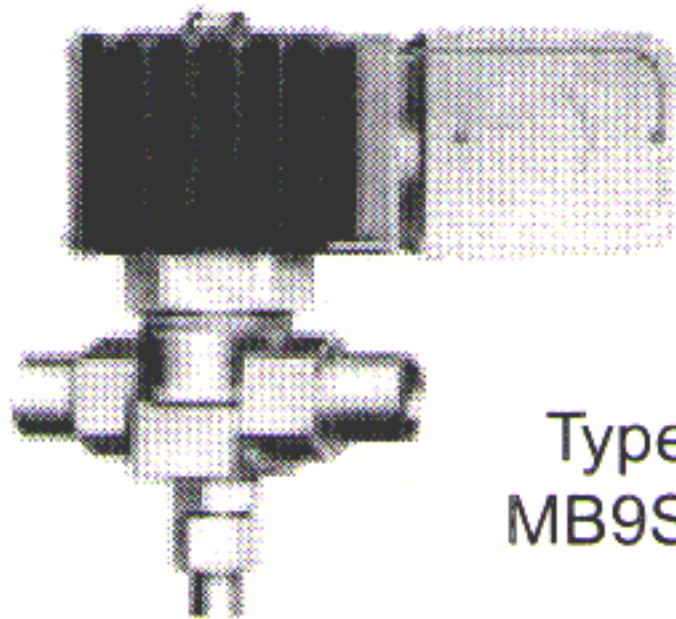
NORMALLY
OPEN

Type
OB9S2

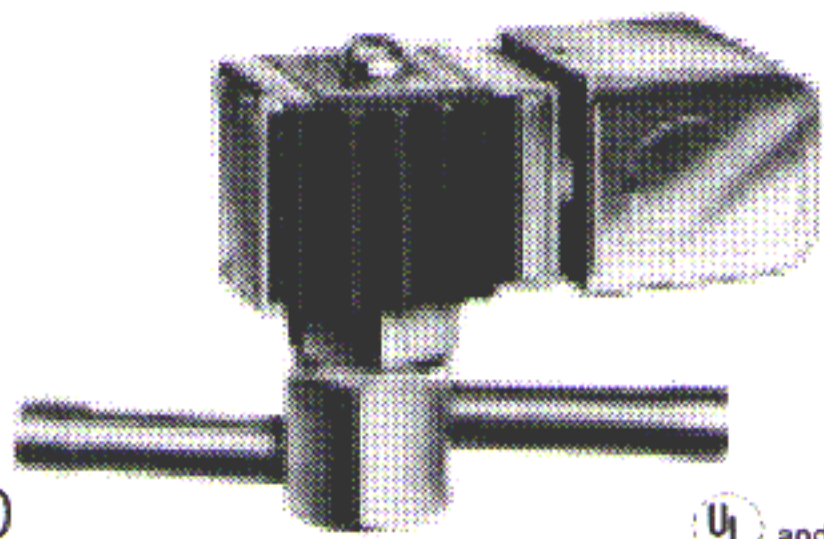


NORMALLY
CLOSED

Type
MB9S2



Type
E9S240



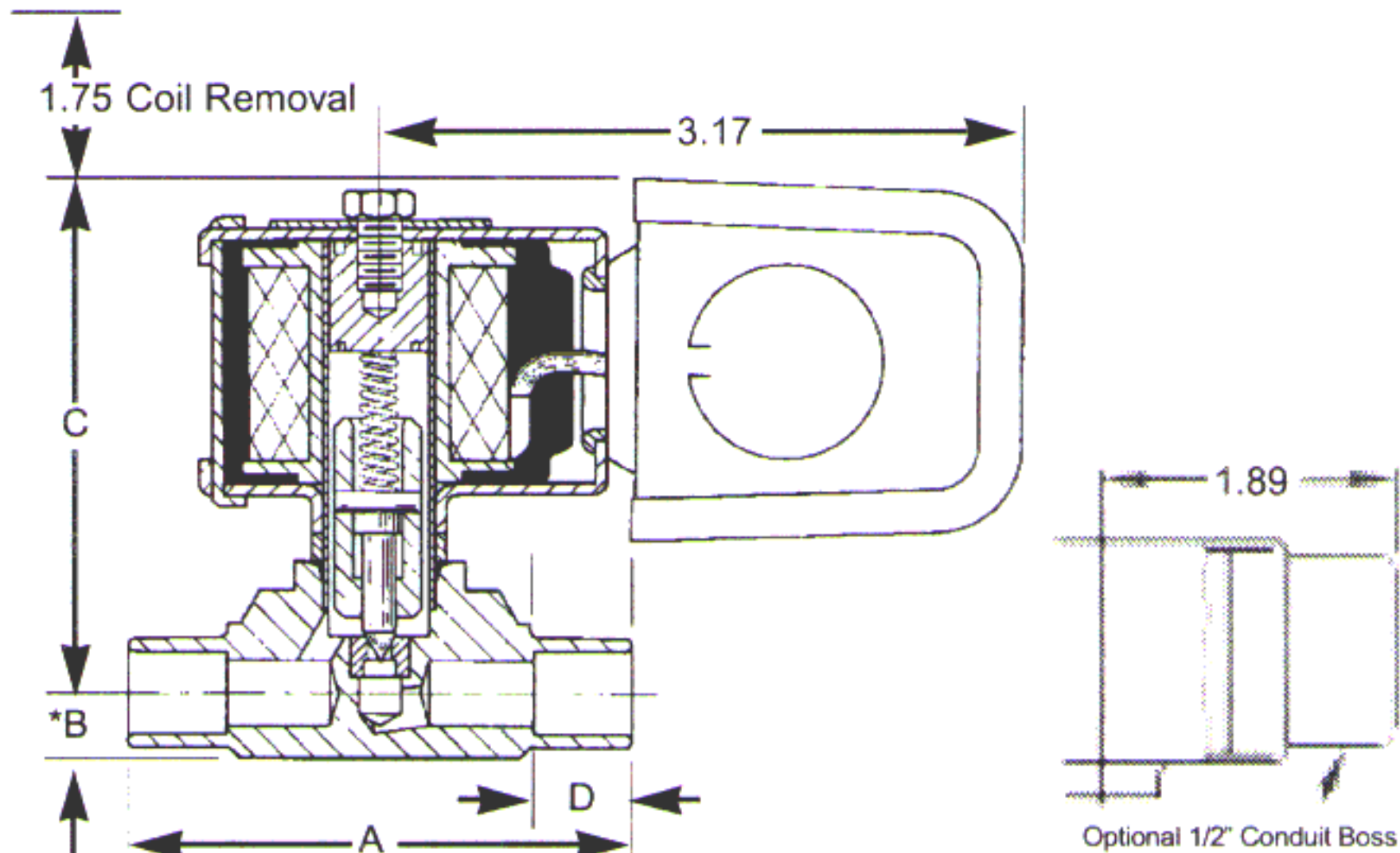
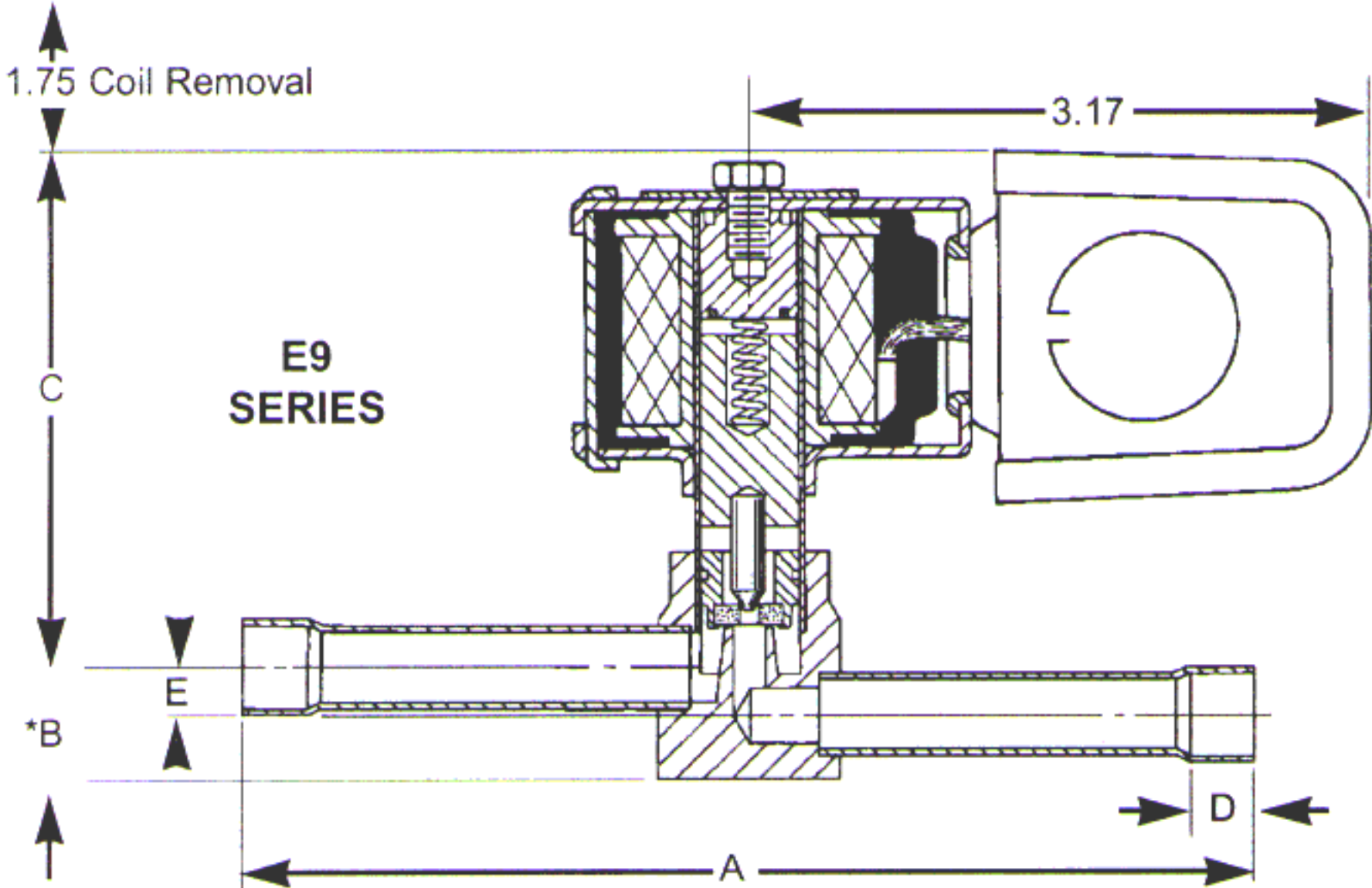
SPECIFICATIONS MKC-2 and OMKC-2 COIL															
VALVE SERIES	TYPE	STANDARD CONNECTIONS Inches	PORT SIZE Inches	MOPD psi		NOMINAL LIQUID CAPACITIES Tons of Refrigeration								STANDARD COIL RATINGS	
						REFRIGERANTS									
						12		22		134a		502			
				Pressure Drop psi											
AC	DC	2	3	3	4	2	3	3	4	VOLTS/CYCLES	WATTS				
B9	B9P2	3/8 NTP Female	9/32	300	250	5.1	6.2	8.0	9.4	6.2	7.5	5.2	6.1	24/50-60 120/50-60 208-240/50-60 120-208-240/50-60	15
	MB9P2														
	OB9P2			275											
	B9S2	1/2 ODF X 5/8 ODM		300	250										
	MB9S2														
	OB9S2			275											
	B9F2	3/8 SAE Flare		300	250										
	MB9F2														
	OB9F2			275											
E9	E9S230	3/8 ODF X 3/8 ODF		300	250										
	ME9S230														
	OE9S230			275											
	E9S240	1/2 ODF X 1/2 ODF		300	250										
	ME9S240														
	OE9S240		275												

Safe working pressure 500 psi. Dual voltage 4-wire coils, 120-208-240/50-60 are available at slight additional cost. For other voltages and cycles, consult SPORLAN VALVE COMPANY, Washington, MO 63090. See Pages 26 & 27 for water and steam valves. Available with conduit boss or junction box at no extra charge. For capacity at other pressure drops, see Page 4. For mounting holes and/or bracket information see Bulletin 30-11. E9 series with mounting holes are NOT standard.

APPLICATION - Types B9 and E9 Series are compact solenoid valves with pilot operated disc construction for refrigeration and air conditioning. These valves **may be mounted horizontal, on side, or in a vertical line**. These valves are also suitable for suction line service because very low pressure differential is required for full opening.

The **Type E9** series solenoid valves feature extended solder type connections as standard. One important benefit to the user is that all valves in the **"E9"** series can be installed without disassembly using either low or no silver content brazing alloy.

The MKC-2 and OMKC-2 coils are Class "F" temperature rated and are provided as standard, therefore a high temperature coil is not required for discharge service.



DIMENSIONS — Inches

Valve Series	Type	A	*B	C		D	D'	E
				Norm. Closed	Norm. Open	Fitting Depth		Offset
						ODF	ODM	
B9	B9P2	2.06	0.56	2.75	3.36	—		—
	B9S2	2.88				0.50		
	B9F2					—		
E9	E9S230	4.63	0.81	2.65	3.24	0.31	—	0.38
	E9S240	5.00	0.75	2.70	3.30	0.38		0.31

* Add 1.12" for Valves with Manual Lift Stem.

■ **ORDERING INSTRUCTIONS** ■

When ordering complete valves, specify Valve Type, Connections, Voltage and Cycles.

When ordering Body Assembly, specify Valve Type and Connections.

When ordering Coil Assembly ONLY, specify Coil Type, Voltage and Cycles. **Example: MKC-2 120/50-60; OMKC-2 120/50-60.**

VALVULAS SOLENOIDE SPORLAN

REFRIGERANTES 12-22-134a-502-717

CARACTERISTICAS (Continuación)

PRESIONES MAXIMAS DE TRABAJO

Válvulas tipo Serie MA32, MA42 y MA50;

Series MA5A3 y MA17A3 – **20.6 bar**

Válvulas tipo Serie E34 y E42 – **31.0 bar**

Otros tipos de válvulas – **34.4 bar**

ESPECIFICACIONES ELECTRICAS – Bobinas Standard – MKC-1, OMKC-1, MKC-2 y OMKC-2: 24/50-60, 120/50-60, 208-240/50-60. Bobinas de Voltaje Dual con 4 alambres - 120-208-240/50-60. KC-3: 24/50-60, 120/50-60, 208/50-60, 240/50-60. Bobinas de Voltaje Dual con 4 alambres - 120-240/50-60.

Disponibles con caja de conexiones ó tubo conduit. Para otros voltajes o ciclos consulte su oficina Acal ó distribuidor Sporlan más cercano.

INTERCAMBIABILIDAD DE LAS BOBINAS – MKC-1 para los Tipo Serie A3, E3, B6 y MB6, E5, E6, y ME6, MKC-2 para Tipos Serie B9, MB9, E9 y MB9, E9 y ME9 para B33, MB33, E34, ME34, E42 y ME42 para KC-3, MA32, MA42, MA50, MA17A3.

INSTRUCCIONES PARA ORDENAR – *Asegúrese de especificar : Tipo de Válvula, Conexiones, Voltaje y Ciclos.*

Use un filtro de malla Sporlan antes de cada válvula solenoide industrial

Para mayor información refriérase al Boletín 30-10.