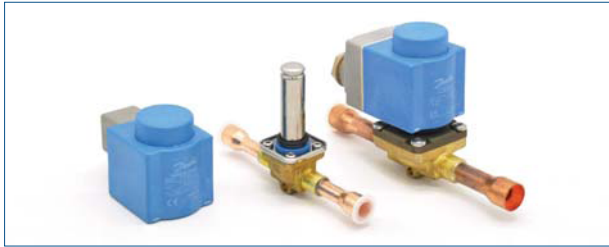


Solenoid Valve 电磁阀



FEATURES:

- * Solenoid valve for commercial, household and industrial air conditioning refrigeration applications
- * Supplied in versions normally closed (NC) and normally open (NO)
- * Suitable for most refrigerants, including flammable refrigerants
- * Available in flare and solder connection

Solenoid Valve - SanHua MDF series 电磁阀 - 三花 MDF 系列



FEATURES:

- * Normally closed (NC) and normally open (NO) type are available
- * Coils: low energy consumption; double sealed, water tight and safe
- * Great valve opening performance, high MOPD

GENERAL SPECIFICATIONS:

- * Applicable for all common HCFC and HFC refrigerants
- * Ambient temperature min./max.: -35°C/+55°C
- * Medium temperature TS min./max.:
- MDF 2H ... 22H and MDF 2L ... 15L: -30°C / +105°C
- MDF 25H ... 40H: -40°C / +140°C
- * Declaration according to LVD or PED

Castel Type Normally Closed (NC) flare connection

Code	Conn.	Kv Factor m³/h	Opening Differential Pressure, bar Min.	Max. (MOPD)			
				Coil Series			
				9100 9110 9300 (AC)	9160 (AC)	9210 9320 (AC)	9210 9320 (DC)
1020/2#	1/4"	0.175	0	21	28	35	21
1020/3#	3/8"	0.23	0	21	28	35	21
1064/3#	3/8"	0.80	0.05	21	28	35	18
1064/4#	1/2"	0.80	0.05	21	28	35	18
1070/4#	1/2"	2.20	0.05	21	28	35	13
1070/5#	5/8"	2.61	0.05	21	28	35	13
1090/5#	5/8"	3.80	0.05	21	28	35	10
1090/6#	3/4"	4.80	0.05	21	28	35	10

Normally Closed (NC) solder connection

Code	Conn.	Kv Factor m³/h	Opening Differential Pressure, bar Min.	Max. (MOPD)			
				Coil Series			
				9100 9110 9300 (AC)	9160 (AC)	9210 9320 (AC)	9210 9320 (DC)
1028/2#	1/4"	0.15	0	21	28	35	21
1028/3#	3/8"	0.23	0	21	28	35	21
1068/3#	3/8"	0.80	0.05	21	28	35	18
1068/4#	1/2"	0.80	0.05	21	28	35	18
1078/4#	1/2"	2.20	0.05	21	28	35	13
1078/5#	5/8"	2.61	0.05	21	28	35	13
1078/7#	7/8"	2.61	0.05	21	28	35	13
1098/5#	5/8"	3.80	0.05	21	28	35	10
1098/6#	3/4"	4.80	0.05	21	28	35	10
1098/7#	7/8"	5.70	0.05	21	28	35	10
1098/9#	1-1/8"	5.70	0.05	21	28	35	10
1078/9#	1-1/8"	10.0	0.05	21	28	35	13
1079/11#	1-3/8"	10.0	0.05	21	28	35	13

Danfoss Type Normally Closed (NC) flare connection

Code	Conn.	Kv Factor m³/h	Opening Differential Pressure, bar Min.	Max. (MOPD)	
				AC coil 10 W	DC coil 20 W
				EVR 2	1/4"
EVR 3	1/4"	0.26	0.00	38	18
	3/8"	0.26	0.00	38	18
EVR 6	3/8"	1.00	0.03	38	28
	1/2"	1.00	0.03	38	28
EVR 10	1/2"	2.20	0.03	38	20
	5/8"	2.20	0.03	38	20
EVR 15	5/8"	3.30	0.03	38	20

Normally Closed (NC) solder connection

Code	Conn.	Kv Factor m³/h	Opening Differential Pressure, bar Min.	Max. (MOPD)		
				AC coil		
				10 W	20 W	30 W
EVR 2	1/4"	0.15	0.00	38	33	
EVR 3	1/4"	0.26	0.00	38	18	
	3/8"	0.26	0.00	38	18	
EVR 4	3/8"	0.70	0.03	38	28	
	3/8"	1.00	0.03	38	28	
EVR6	1/2"	1.00	0.03	38	28	
	5/8"	1.00	0.03	38	28	
EVR 8	1/2"	1.15	0.03	38	28	
	5/8"	1.15	0.03	38	28	
EVR 10	3/8"	1.56	0.03	38	20	
	1/2"	2.20	0.03	38	20	
EVR 15	5/8"	2.20	0.03	38	20	
	5/8"	3.30	0.03	38	20	
EVR 20	7/8"	3.30	0.03	38	20	
	7/8"	6.00	0.03	38	20	
EVR 22	1-1/8"	6.00	0.03	38	20	
	1-3/8"	6.20	0.03	38	20	
EVR 25	1-1/8"	9.80	0.20	38	17	
	1-3/8"	9.80	0.20	38	17	
EVR 32	1-3/8"	16.7	0.20	38	17	
	1-5/8"	16.7	0.20	38	17	
EVR 40	2-1/8"	16.7	0.20	38	17	
	1-5/8"	24.2	0.20	38	17	
	2-1/8"	24.2	0.20	38	17	

Normally Closed (NC) flare connection

Valve Model	Series	Conn.	Actuation	Kv Factor m³/h	MOP MPa	Max. OPD MPa	Min. OPD MPa
MDF-A03-2L002	MDF 2	1/4"	Direct	0.16	4.5	3.1	0
MDF-A03-3L002	MDF 3	1/4"	Direct	0.23	4.5	3.1	0
MDF-A03-3L004	MDF 3	3/8"	Direct	0.23	4.5	3.1	0
MDF-A03-6L002	MDF 6	3/8"	Pilot membrane	0.8	4.5	3.1	0.005
MDF-A03-6L004	MDF 6	1/2"	Pilot membrane	0.8	4.5	3.1	0.005
MDF-A03-10L004	MDF 10	1/2"	Pilot membrane	1.9	4.5	3.1	0.005
MDF-A03-10L002	MDF 10	5/8"	Pilot membrane	1.9	4.5	3.1	0.005
MDF-A03-15L002	MDF 15	5/8"	Pilot membrane	2.3	4.5	3.1	0.005
MDF-A03-15L004	MDF 15	7/8"	Pilot membrane	2.3	4.5	3.1	0.005

Normally Closed (NC) solder connection

Valve Model	Series	Conn.	Actuation	Kv Factor m³/h	MOP MPa	Max. OPD MPa	Min. OPD MPa
MDF-A03-2H002	MDF 2	1/4"	Direct	0.16	4.5	3.1	0
MDF-A03-3H002	MDF 3	1/4"	Direct	0.23	4.5	3.1	0
MDF-A03-3H004	MDF 3	3/8"	Direct	0.23	4.5	3.1	0
MDF-A03-6H002	MDF 6	3/8"	Pilot membrane	0.8	4.5	3.1	0.005
MDF-A03-6H004	MDF 6	1/2"	Pilot membrane	0.8	4.5	3.1	0.005
MDF-A03-10H002	MDF 10	1/2"	Pilot membrane	1.9	4.5	3.1	0.005
MDF-A03-10H004	MDF 10	5/8"	Pilot membrane	1.9	4.5	3.1	0.005
MDF-A03-15H002	MDF 15	5/8"	Pilot membrane	2.3	4.5	3.1	0.005
MDF-A03-15H004	MDF 15	7/8"	Pilot membrane	2.3	4.5	3.1	0.005
MDF-A03-20H002	MDF 20	7/8"	Pilot membrane	5.0	4.5	3.1	0.02
MDF-A03-20H004	MDF 20	1-1/8"	Pilot membrane	5.0	4.5	3.1	0.02
MDF-A03-22H002	MDF 22	7/8"	Pilot membrane	5.9	4.5	3.1	0.02
MDF-A03-22H008	MDF 22	1-1/8"	Pilot membrane	5.9	4.5	3.1	0.02
MDF-A03-22H004	MDF 22	1-3/8"	Pilot membrane	5.9	4.5	3.1	0.02
MDF-B03-25H003	MDF 25	1-1/8"	Pilot Piston	10	4.5	3.1	0.02
MDF-B03-25H004	MDF 25	1-3/8"	Pilot Piston	10	4.5	3.1	0.02
MDF-B03-32H001	MDF 32	1-3/8"	Pilot Piston	15	4.5	3.1	0.02
MDF-B03-32H002	MDF 32	1-5/8"	Pilot Piston	15	4.5	3.1	0.02
MDF-B03-40H002	MDF 40	1-5/8"	Pilot Piston	25	4.5	3.1	0.02
MDF-B03-40H004	MDF 40	2-1/8"	Pilot Piston	25	4.5	3.1	0.02