

Introduction

MDF, FDF and LDF series solenoid valves are direct operated or pilot operated solenoid valves, mainly used in refrigerant control of various devices such as refrigerating and freezing systems, air conditioners and heat pumps.

Genel Tanım

MDF, FDF ve LDF serisi solenoid valfler, direkt veya pilot çalışmalı manyetik valflerdir ve genellikle ticari ve endüstriyel soğutma sistemleri, klima ve ısı pompaları gibi çeşitli cihazların soğutucu kontrolünde kullanılır.

Order No	Model	Description	Conn	Orifice No	Kv	Lenght [mm]	Pack [qty]	Coil Type	MDF Solder Connection
10125011202	MDF-A03-2H 001	Solenoid Valve (MDF) ODF 1/4"	1/4"	2	0,16	102	36	AC+DC	
10125011302	MDF-A03-3H 001	Solenoid Valve (MDF) ODF 1/4"	1/4"	3	0,23	102	36		
10125003602	MDF-A03-3H 003	Solenoid Valve (MDF) ODF 3/8"	3/8"	3	0,23	102	36		
10125011402	MDF-A03-6H 001	Solenoid Valve (MDF) ODF 3/8"	3/8"	6	0,8	111	36	AC	
10125004202	MDF-A03-6H 003	Solenoid Valve (MDF) ODF 1/2"	1/2"	6	0,8	127	21		
10125011502	MDF-A03-10H 001	Solenoid Valve (MDF) ODF 1/2"	1/2"	10	1,9	127	21		
10125006302	MDF-A03-10H 003	Solenoid Valve (MDF) ODF 5/8"	5/8"	10	1,9	160	21		
10125003702	MDF-A03-15H 005	Solenoid Valve (MDF) ODF 5/8"	5/8"	15	2,3	176	21		
10125005002	MDF-A03-15H 003	Solenoid Valve (MDF) ODF 7/8"	7/8"	15	2,3	176	10		
10125011702	MDF-A03-20H 001	Solenoid Valve (MDF) ODF 7/8"	7/8"	20	5	191	10	AC+DC	
10125011802	MDF-A03-22H 001	Solenoid Valve (MDF) ODF 7/8"	7/8"	22	5,9	281	10		
10125005602	MDF-A03-20H 003	Solenoid Valve (MDF) ODF 1 1/8"	1 1/8"	20	5	214	10		
10125006202	MDF-A03-22H 009	Solenoid Valve (MDF) ODF 1 1/8"	1 1/8"	22	5,9	281	10		
10125006902	MDF-B03-25H 003	Solenoid Valve (MDF) ODF 1 1/8"	1 1/8"	25	10	256	4		
10125005102	MDF-A03-22H 003	Solenoid Valve (MDF) ODF 1 3/8"	1 3/8"	22	5,9	281	4		
10125006802	MDF-B03-25H 004	Solenoid Valve (MDF) ODF 1 3/8"	1 3/8"	25	10	280	4		
10125009102	MDF-B03-32H 001	Solenoid Valve (MDF) ODF 1 3/8"	1 3/8"	32	15	281	4		
10125007502	MDF-B03-32H 002	Solenoid Valve (MDF) ODF 1 5/8"	1 5/8"	32	15	281	4		
10125004302	MDF-B03-40H 002	Solenoid Valve (MDF) ODF 1 5/8"	1 5/8"	40	25	281	4		
10125007702	MDF-B03-40H 004	Solenoid Valve (MDF) ODF 2 1/8"	2 1/8"	40	25	281	4		
10125017402	MDF-D03-6H 001	Solenoid Valve (MDF) ODF 3/8"	3/8"	6	0,8	111	36	DC	
10125017502	MDF-D03-6H 003	Solenoid Valve (MDF) ODF 1/2"	1/2"	10	0,8	127	21		
10125017202	MDF-D03-10H 001	Solenoid Valve (MDF) ODF 1/2"	1/2"	10	1,9	127	21		
10125006302	MDF-D03-10H 003	Solenoid Valve (MDF) ODF 5/8"	5/8"	10	1,9	160	21		
10125017102	MDF-D03-15H 005	Solenoid Valve (MDF) ODF 5/8"	5/8"	15	2,3	176	21		
10125019002	MDF-D03-15H 003	Solenoid Valve (MDF) ODF 7/8"	7/8"	15	2,3	176	10	AC+DC	
10125000102	MDF-A03-2L 001	Solenoid Valve (MDF) SAE 1/4"	1/4"	2	0,16	59	36		
10125009202	MDF-A03-3L 001	Solenoid Valve (MDF) SAE 1/4"	1/4"	3	0,23	59	36		
10125004402	MDF-A03-3L 003	Solenoid Valve (MDF) SAE 3/8"	3/8"	3	0,23	70	36		
10125009302	MDF-A03-6L 001	Solenoid Valve (MDF) SAE 3/8"	3/8"	6	0,8	69	36		
10125004502	MDF-A03-6L 003	Solenoid Valve (MDF) SAE 1/2"	1/2"	6	0,8	75	36		
10125005402	MDF-A03-10L 003	Solenoid Valve (MDF) SAE 1/2"	1/2"	10	1,9	84	21		
10125009402	MDF-A03-10L 001	Solenoid Valve (MDF) SAE 5/8"	5/8"	10	1,9	92	21		
10125009502	MDF-A03-15L 001	Solenoid Valve (MDF) SAE 5/8"	5/8"	15	2,3	104	21		
10125004802	MDF-A03-15L 003	Solenoid Valve (MDF) SAE 7/8"	7/8"	15	2,3	119			
10125018002	MDF-D03-6L 005	Solenoid Valve (MDF) SAE 3/8"	3/8"	6	0,8	69			
10125017802	MDF-D03-6L 003	Solenoid Valve (MDF) SAE 1/2"	1/2"	6	0,8	75			
10125018902	MDF-D03-10L 003	Solenoid Valve (MDF) SAE 1/2"	1/2"	10	1,9	84			
10125018702	MDF-D03-10L 001	Solenoid Valve (MDF) SAE 5/8"	5/8"	10	1,9	92			
10125019302	MDF-D03-15L 001	Solenoid Valve (MDF) SAE 5/8"	5/8"	15	2,3	104			
10125019502	MDF-D03-15L 003	Solenoid Valve (MDF) SAE 7/8"	7/8"	15	2,3	119			
10125031102	MDF2H01	Solenoid Valve (MDF) ODF 1/4"	1/4"	2	0,16	102	36	AC	
10125031402	MDF3H01	Solenoid Valve (MDF) ODF 1/4"	1/4"	3	0,26	102	36		
10125031502	MDF3H03	Solenoid Valve (MDF) ODF 3/8"	3/8"	3	0,26	102	36		
10125020602	MDF6H01	Solenoid Valve (MDF) ODF 3/8"	3/8"	6	0,8	111	30		
10125030102	MDF6H03	Solenoid Valve (MDF) ODF 1/2"	1/2"	6	0,8	120	30		
10125020702	MDF10H01	Solenoid Valve (MDF) ODF 1/2"	1/2"	10	1,9	127	21		



Technical Specifications

- Applicable for all common HCFC, HFC, HFO, HC
- Medium temperature TS min./max.: -40°C / 140°C
- Max. operating pressure: 45/49 bar

Teknik Özellikler

- Tüm yaygın HCFC, HFC, HFO, HC'ler için uygundur
- Ortam sıcaklığı TS min./maks.: -40°C / 140°C
- Maks. işletme basıncı: 45/49 bar



Solenoid Valves

Solenoid Valfler

Order No	Model	Description	Plug Type	Supply	Rated Voltage	Power [W]	Voltage Tolerance	Pack [qty]	COILS BOBİNLER
10820001302	MQ-D03012-000002	Solenoid Coil For MDF Series	DIN Plug	DC	12	15	±10%	36	
10820001002	MQ-D03024-000002	Solenoid Coil For MDF Series		DC	24			36	
10820010102	MQ-A0311A-000001	Solenoid Coil For MDF Series		AC	110 to 120	12W (50 Hz) 10W (60 Hz)	-15% +10%	36	
10820010002	MQ-A0322G-000001	Solenoid Coil For MDF Series		AC	220 to 240			36	
10780000402	HQ1G11	Solenoid Coil For MDF Eco Series	DIN ² Plug	AC	220 to 240	7/5.5	-15% +10%	36	
10780000602	HQ1D11	Solenoid Coil For MDF Eco Series			110 to 120	6/5		36	
10780000702	HQ1K11	Solenoid Coil For MDF Eco Series			24	6/5		36	
20125000902	MDF-A03-033001	Solenoid Valve - Bracket For MDF Series						64	 BRACKET

Introduction

FDF and LDF series solenoid valves are direct operated or pilot operated solenoid valves, mainly used in refrigerant control of various devices such as refrigerating and freezing systems, air conditioners and heat pumps.

Genel Tanım

FDF ve LDF serisi manyetik valfler, doğrudan çalışan veya pilot çalışmalı manyetik valflerdir ve genellikle soğutma ve dondurma sistemleri, klima ve ısı pompaları gibi çeşitli cihazların soğutucu kontrolünde kullanılır.

Order No	Model	Description	Actuation	Conn.	Kv	L [mm]	Pack [qty]		LDF/FDF Solder Connection
10127000402	LDF2A02	Solenoid Valve (LDF) ODM 1/4"		1/4"	0,12	79,6	36		
10120019802	FDF 2A 81	Solenoid Valve (FDF-NC) ODF 1/4"	Direct	1/4"	0,08	66,5	36		
10120006502	FDF 4A 10	Solenoid Valve (FDF-NC) ODF 1/4"	Pilot	1/4"	0,30	81	36		
Order No	Model	Description	Rated Voltage [V]	Power ³ [W]		Supply	Pack [qty]		COILS BOBINLER
10800057302	FQ-A0522G-001022	Solenoid Coil For FDF-NC&LDF Series	220 to 240	5 (50Hz) 4,5 (60Hz)		AC	39		

Technical Specifications

- Applicable for all common HCFC, HFC, HFO, HC
- Medium temperature TS min./max.: -30°C / +120°C
- Max. operating pressure PS: 45 bar

Teknik Özellikler

- Tüm yaygın HCFC, HFC, HFO, HC'ler için uygundur
- Ortam sıcaklığı TS min./maks.: -30°C / +120°C
- Maks. işletme basıncı PS: 45 bar

Sight Glasses

Gözetleme Camları

Introduction

Sight glasses are installed after the filter drier in liquid line of refrigerating systems, in order to observe property changes of the refrigerant (liquid/vapor) and to indicate the moisture level by colors.

Genel Tanım

Gözetleme camları, soğutma sistemlerinin sıvı hattındaki filtre kurutucunun ardından monte edilir. Bu camlar, soğutucunun (likit/buhar) özellik değişikliklerini gözlemlemek ve renkler aracılığıyla nem seviyesini göstermek amacıyla kullanılır.

100	Model	Description	Connection Type	Connection.		Length [mm]	Weight [g]	Pack [qty]	SYJ Solder Connection
				[inch]	[mm]				
10285007002	SYJ06H11	Sight Glass (SYJ) ODF 1/4"	ODF x ODF solder	1/4"	-	101	100	40	
10285007202	SYJ10H11	Sight Glass (SYJ) ODF 3/8"		3/8"	-	119	100	40	
10285006902	SYJ12H11	Sight Glass (SYJ) ODF 1/2"		1/2"	-	146	200	24	
10285007502	SYJ16H11	Sight Glass (SYJ) ODF 5/8"		5/8"	16	146	200	24	
10285007602	SYJ19H11	Sight Glass (SYJ) ODF 3/4"		3/4"	-	173	300	40	
10285007702	SYJ22H11	Sight Glass (SYJ) ODF 7/8"		7/8"	22	173	300	40	
10285012202	SYJ28RH11	Sight Glass (SYJ) ODF 1 1/8"		1 1/8"		173	300	40	
10285008002	SYJ06L41	Sight Glass (SYJ) SAE 1/4" FxM	FLARE F x M	1/4"			200	32	
10285008202	SYJ10L41	Sight Glass (SYJ) SAE 3/8" FxM		3/8"			240	32	
10285008402	SYJ12L41	Sight Glass (SYJ) SAE 1/2" FxM		1/2"			250	32	
10285008602	SYJ16L41	Sight Glass (SYJ) SAE 5/8" FxM		5/8"			320	24	
10285008802	SYJ19L41	Sight Glass (SYJ) SAE 3/4" FxM		3/4"			330	24	
10285007902	SYJ06L11	Sight Glass (SYJ) SAE 1/4" MxM	FLARE M x M	1/4"		67	110	32	
10285008102	SYJ10L11	Sight Glass (SYJ) SAE 3/8" MxM		3/8"		82	240	32	
10285008302	SYJ12L11	Sight Glass (SYJ) SAE 1/2" MxM		1/2"		88	250	32	
10285008502	SYJ16L11	Sight Glass (SYJ) SAE 5/8" MxM		5/8"		104	320	24	
10285008702	SYJ19L11	Sight Glass (SYJ) SAE 3/4" MxM		3/4"		110	340	24	

Technical Specifications

- Applicable for HCFC, HFC, HFO, HC
- Capacity / Size: from 6 mm to 22 mm
- Medium temperature TS min./max.: -50°C / +80°C
- Max. operating pressure PS: 46/49 bar

Teknik Özellikler

- HCFC, HFC, HFO, HC için uygundur
- Kapasite / Boyut: 6 mm ila 22 mm arasında
- Ortam sıcaklığı TS min./maks.: -50°C / +80°C
- Maks. işletme basıncı PS: 46/49 bar