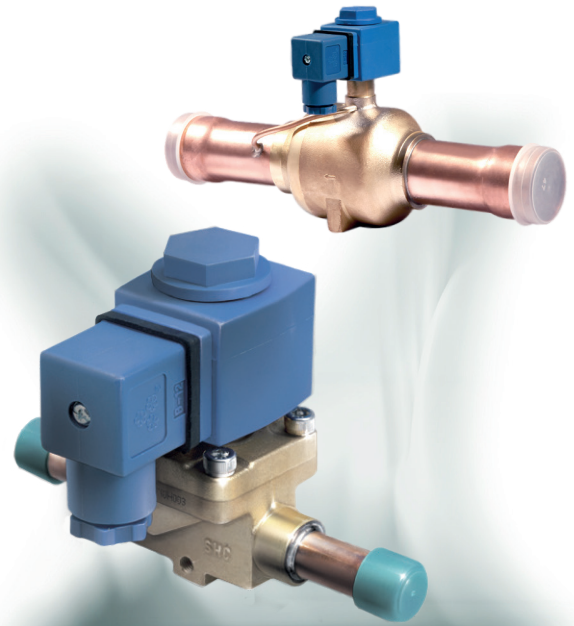




Solenoid Valve

MDF 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.



CARATTERISTICHE

- COILS: LOW ENERGY CONSUMPTION, RELIABLE
- GREAT VALVE OPENING PERFORMANCE, HIGH MOPD
- COILS ARE DOUBLE SEALED, WATER TIGHT AND SAFE

GENERAL SPECIFICATION

- Applicable for all common HCFC and HFC refrigerants such as: R22, R134a, R407C, R404A, R410A, R507A¹⁾
- Medium temperature TS min./max.:
 - MDF 2H...22H and MDF 2L...15L: -30°C/105°C
 - MDF 25H...40H: -40°C/140°C
- Ambient temperature min./max.: -30°C / +55°C
- Relative humidity: 0 to 95% RH
- Installation position:
 - Liquid, suction and discharge line
 - Preferably coil upwards and flow direction corresponds to the arrow
- Certifications: UL/CSA²⁾ and declaration according to LVD or PED

1) Other refrigerants on request
2) MDF-B03 solenoid valves on request

TECHNICAL PARAMETERS OF VALVE BODY

Solder	Flare	Normal position	Actuation	Kv [m ³ /h]	MOP [Mpa]	Max. OPD [Mpa]		Min. OPD ³⁾ [Mpa]
						AC coil	DC coil	
MDF-A03-2H	MDF-A03-2L	NC	Direct	0,16	4,5	3,1	2,1	0,00
MDF-A03-3H	MDF-A03-3L			0,23				
MDF-A03-6H	MDF-A03-6L			0,8				
MDF-A03-10H	MDF-A03-10L			1,9				
MDF-A03-15H	MDF-A03-15L		Pilot ¹⁾	2,3				
MDF-A03-20H	--		5,0					
MDF-A03-22H	--		5,9					
MDF-B03-25H	--		10,0					
MDF-B03-32H	--	Pilot (P) ²⁾	15,0	0,02				
MDF-B03-40H	--		25,0					

- Note:**
- 1) Membrane operated
 - 2) Piston operated
 - 3) Min. OPD: values referred to 60% of nominal flow

