

General Description/描述

NGI has specialised in the production of safety valves for the air conditioning and refrigeration sectors for over a decade,using mainly brass and PTFE seals.

NGI has a vast experience in gas and pressure control and uses a valid and proven test system which is described in brief below.

NGI专业从事于生产空调与制冷领域的安全阀已经超过十年，我们的产品主要采用铜阀体与聚四氟乙烯密封圈。

NGI在气体与压控方面有丰富的经验，我们在下面简要地阐述了我们有效的测试系统

To guarantee 100% safe sealing in all its refrigeration and air conditioning products,NGI has developed a special valve testing island incorporating a hydrogen system.

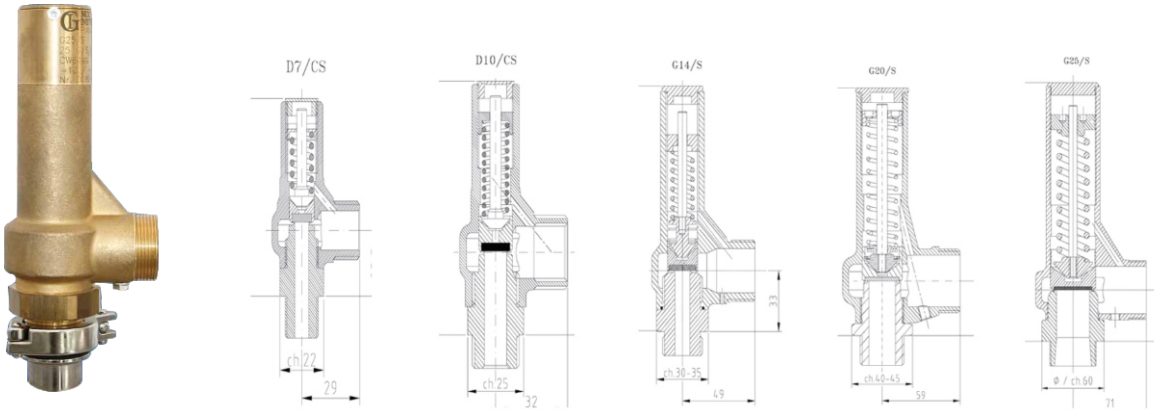
This island is able to detect even the smallest leakage,at pressure only just below the valve's calibrated value,and effectively avoids annoying leakage problems during the plant start-up and commissioning stages.

为了保证制冷与空调产品的100%安全密封，NGI研发了一个使用氢气的特殊的岛型阀门测试系统，

为了测试台可以测试出低于阀门设定的最小允许泄露压力，可以有效地避免在生产安装与现场调试时的令人烦恼的泄露问题。

A complete series of pipe outlet safety valves,hole size from 7 to 25mm,calibrated pressure up to 60 bar, suitable for use with all refrigerant gases including CO2.

我们拥有全系列的安全阀出口尺寸，从7-25mm，设定压力可达60bar，适用于包括CO2在内的所有制冷剂



Model	Orifice	Inlet connection	Outlet connection	CE Homologation settingrange	Kdr CE	ASME Homologation settingrange	Kdr Asme	Overpressure	Cross Reference	
									Castel	Henry
D7/CS-014	7	1/4" ISO228-NPT	1/2" ISO228	0.3-60bar	0.85	1-40bar	0.629	10%	3060/23C 3060/24C	5230A
D7/CS-038	7	3/8" ISO228-NPT	1/2" ISO228	0.3-60bar	0.85	1-40bar	0.629	10%	3060/33C 3060/34C	5231A
D10/CS-038	10	3/8" ISO228-NPT	3/4" ISO228	0.3-60bar	0.86	1-40bar	0.629	10%	3060/36C	
D10/CS-012	10	1/2" ISO228-NPT	3/4" ISO228	0.3-60bar	0.86	1-40bar	0.629	10%	3060/45C 3060/16C	5232A 5231B 5240
D14/CS-012	13.5	1/2" ISO228-NPT	1" ISO228	0.3-60bar	0.86	1-60bar	0.629	10%	3030/44C	
D14/CS-034	13.5	3/4" ISO228-NPT	1" ISO228	0.3-60bar	0.86	1-60bar	0.629	10%	3030/66C	5242
G14/S-100	13.5	1" ISO228-NPT	1" ISO228	0.3-60bar	0.86	1-60bar	0.629	10%		
G20/S-114	20		1 1/4" ISO228	0.3-60bar	0.83	1-55bar	0.629	10%		5246
G25/S-114	25	1 1/4" ISO228-NPT	1 1/2" ISO228	0.3-60bar	0.83	1-55bar	0.629	10%		
G25/S-112	25	1 1/2" ISO228-NPT	1 1/2" ISO228	0.3-60bar	0.78	1-30bar	0.629	10%		

BLR/MG Series Solenoid Valves For R410A
BLR/MG 系列电磁阀(用于R410A)

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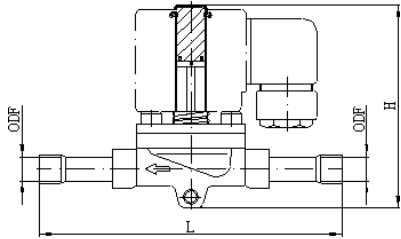
BLR/MG Series Solenoid Valve is specially designed for R410A system,they are used for liquid,suction or discharge gas refrigerant service.

BLR/MG 系列电磁阀是专门为R410A制冷剂开发的新型电磁阀，用于液管路、吸气管路和热蒸汽管路，也可用于其他氟化物。

Feature/特点

- ◆BLR/MG is servo pilot opearted solenoid valve for liquid,suction and hot gas application
- ◆Full range of solenoid valves for refrigeration and air conditioning application
- ◆Wide choice of coils for AC and DC
- ◆Suitable for R410A refrigerants、HFC&HCFC
- ◆Opening Pressure Dif:
 - AC:0.05-30bar
 - DC:0.05-24bar
- ◆Max working pressure:45bar
- ◆Temperature of Medium:-40℃ to +105℃
- ◆Environmental Temperature: -40℃ to +55℃

- ◆BLR/MG 型电磁阀是伺服式电磁阀，用于氟化物制冷剂的液管路、吸气管路和热蒸汽管路。
- ◆电磁阀适用于冷藏、冷冻、空调装置。
- ◆有多种交流电压AC和直流电压DC线圈供选择
- ◆适用于R410A及其它HCFC、HFC制冷剂（R717除外）和相容的润滑油
- ◆工作压差范围：
 - 交流：0.05-30bar
 - 直流：0.05-24bar
- ◆最高工作压力：45bar
- ◆适用工质温度：40℃ to +105℃
- ◆使用环境温度：-40℃ to +55℃



Technical Data/技术参数

Model 型号	Connection Size 接管尺寸(ODF)		Opening diff pressure(bar) 阀开启压差			Kv Value Kv值 m3/h	Max working pressure 最大安全工作 压力(bar)	Dimensions(mm) 外形尺寸			Rated power 电源种类	
	mm	in	Min 最小	Max(liquid) 最大(水)				L	W	H	AC	DC
				50/60Hz AC 交流电压	DC 直流电压							
BLR/FDF-3G	6	1/4	0	28	24	0.27	45	117	31	76	24 36 110 220	12 24 110 220
	10	3/8						127	32	80		
BLR/FDF-6MG	10	3/8	137			38						
	12	1/2										
16	3/8											
BLR/FDF-8MG	10	1/2	137			38		88				
	12	5/8										
	16	1/2										
BLR/FDF-10MG	12	5/8	137			45		88				
	16	5/8										
BLR/FDF-15MG	19	3/4	174			52		96				
	22	7/8										
BLR/FDF-20MG	22	7/8	190			58		115				
	22	7/8 (increase length)										
		230										
		250										
BLR/FDF-25MG	28	1 1/8	236			72		119				
	28	1 1/8										
BLR/FDF-32MG	28	1 1/8	281			86		133				
	35	1 3/8										
BLR/FDF-40MG	35	1 3/8	312			126		158				
	54	2 1/8										