



공압 기기

KONAN

산업을 지탱하는 자동화, 친환경시스템 KONAN의 기술이 확실한 서포트를 약속합니다.

KONAN technology are support automation and energy saving equipment

솔레노이드 밸브 Solenoid Valves

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Pneumatic Cylinders

에너지 관련제품
Control Valves

새니터리 밸브
Sanitary Valves

프레스용 관련기기
Press-Related Products

인플라팩 팩킹 시스템
Packing System

제어 시스템
Control System

NC레귤레이터 시스템
NC Regulator System

솔레노이드 밸브

Solenoid Valve

모든 유체에 베스트 초이스, 충실한 다품종 라인업

The Best Choice All Types of Fluids.
A Complete Line-up Comprising a Tremendous Number of Models

확실한 제어를 원수하는 것. 이것이 밸브에 있어서 가장 중요한 사명입니다. KONAN은 각종 유체를 위한 제어밸브, 방폭구조 솔레노이드 밸브를 비롯해, 세라믹을 이용한 솔레노이드 밸브 등 항상 독자적인 발상과 첨단기술의 응용으로 시대의 요구에 부응하고 있습니다.

"The reliable control". This is the most important function for a valve. KONAN's engineers have tackled this problem and developed Solenoid valves for fluids, and Solenoid valves using ceramics, and Explosion-proof Solenoid valves. KONAN's engineering team has been always answering to your needs by application of the original way of thinking and advanced technology.

마그프로 솔레노이드 밸브 선택 가이드

Magflow Solenoid Valve Selection Guide

ISO

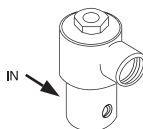
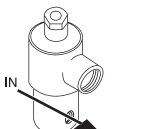
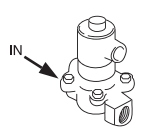
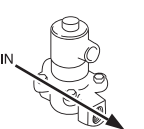
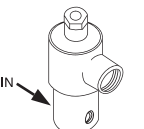
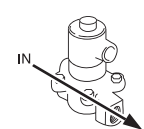
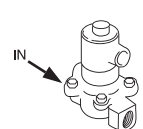
기종별 일람표

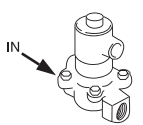
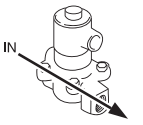
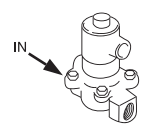
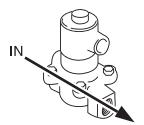
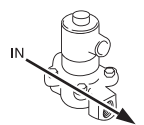
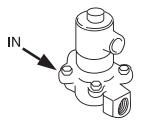
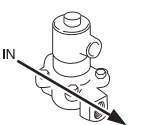
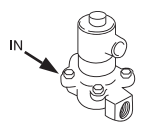
Table Categorized by Series

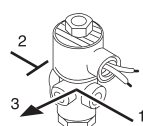
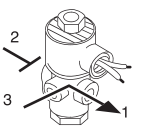
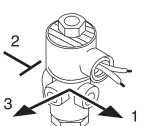
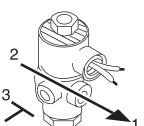
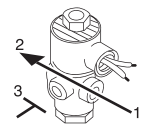
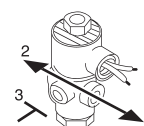
		2포트 2-Port				3포트 3-Port	
시리즈 명 Series No.		YS30	YS21	YS20	YS27	YS33	YS203/204
작동방식 Operation type		직동형 Direct-acting	파일럿형 Pilot-acting	파일럿형(차압0작동) Pilot-acting (0 differential pressure operation)	파일럿형(차압0작동) Pilot-acting (0 differential pressure operation)	직동형 Direct-acting	파일럿형 Pilot-acting
밸브의 종류 Flow path	노멀오픈 Normally open	●	●	●	●	●	●
	노멀클로즈 Normally closed	●	●	●	●	●	●
	유니버설 Universal	—	—	—	—	●	—
배관구경 Port size	6A Rc1/8	●	—	—	—	●	—
	8A Rc1/4	●	—	—	—	●	—
	10A Rc3/8	●	●	●	—	—	●
	15A Rc1/2	—	●	●	—	—	●
	20A Rc3/4	—	●	●	—	—	—
	25A Rc1	—	●	●	●	—	—
	32A Rc1 1/4	—	●	●	●	—	—
	40A Rc1 1/2	—	●	●	●	—	—
	50A Rc2	—	●	●	●	—	—
오리피스사이즈 (mm) Orifice size		1.2 ~ 9.5	15.9 ~ 32.0	15.9 ~ 32.0	25.0 ~ 32.0	1.6 ~ 4.4	15.9
CV값 Cv value		0.05 ~ 1.7	3.3 ~ 28.0	3.3 ~ 27.0	13.0 ~ 28.0	0.09 ~ 0.38	3.3~4.4
사용압력 (MPa) Max. Working pressure		7.2	1.37	1.37	0.86	1.37	1.02
유체온도 (°C) Max. Fluid temp.		50	50	50	60	50	50
본체재질 Main body material	스테인리스 Stainless steel	●	●	●	●	●	—
	황동 또는 청동 Brass or Bronze	●	●	●	●	●	●
코일절연내클래스 Coil/Insulation	Class F	●	●	●	●	●	●
	Class H	●	●	●	●	●	●
하우징 Housing	오픈오코 Open frame	●	●	●	—	●	●
	그로멧 Grommet	●	●	●	—	●	●
	콘듀잇 Conduit	●	●	●	●	●	●
	NEMA4·7 방폭·방적 Explosion-proof, drip-proof	●	●	●	—	●	●
	d2G4, Exd II BT4 방폭·방적 Explosion-proof, drip-proof	●	●	●	—	●	●
	NEMA4 방적 Drip-proof	—	—	—	●	—	—
사용유체 Applicable fluid	공기 Air	●	●	●	●	●	●
	가스 Gas	●	●	●	●	●	●
	물 Water	●	●	●	●	●	—
	증기 Steam	●	—	—	—	—	—
	진공 Vacuum	●	—	●	●	●	—
	오일 Oil	●	●	●	●	●	—
	케미컬 Chemicals	●	●	●	●	●	—

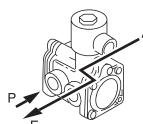
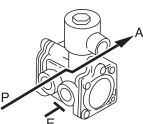
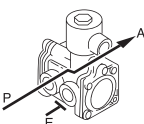
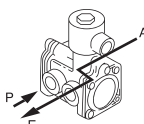
기종별 일람표

Table Categorized by Series

YS301	YS302	YS211	YS212
노멀클로즈 Normally closed	노멀오픈 Normally open	노멀클로즈 Normally closed	노멀오픈 Normally open
Off Deenergize	Off Deenergize	Off Deenergize	Off Deenergize
On Energize	On Energize	On Energize	On Energize
			
			

YS201	YS202	YS271	YS272
노멀클로즈 Normally closed	노멀오픈 Normally open	노멀클로즈 Normally closed	노멀오픈 Normally open
Off Deenergize	Off Deenergize	Off Deenergize	Off Deenergize
On Energize	On Energize	On Energize	On Energize
			
			

YS333	YS334	YS336
노멀클로즈 Normally closed	노멀오픈 Normally open	유니버설 Universal
Off Deenergize	Off Deenergize	Off Deenergize
On Energize	On Energize	On Energize
		
		

YS203	YS204
노멀클로즈 Normally closed	노멀오픈 Normally open
Off Deenergize	Off Deenergize
On Energize	On Energize
	
	

각종유체 제어용 마그프로솔레노이드밸브 ISO
MAGFLOW Solenoid Valve for Various Types of Fluid Control

YS30series

노멀클로즈

Normally Closed Type



■ 표준하우징
Housing

A [콘duit
Conduit]

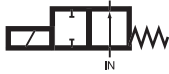
■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 <Rc> (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential				최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage	
본체 : 황동 Body: Brass	본체 : 스테인리스 (SUS430F) Body: Stainless steel				최저 Min.	최고 Max.		증기 steam								
						공기·가스·물·등유 Air, Gas, Water, Lamp oil	DC	AC	DC							
YS301AF88N9AC3	YS301AF88N2AC3	1/8	1.2	0.05	0	7.20	6.86	—	—	50	NBR	A	10	10	F	100
YS301AF88N9AC9	YS301AF88N2AC9		2.4	0.21	0	2.74	1.37	—	—	50	NBR	A	10	10	F	100
YS301AF88N9AD5	YS301AF88N2AD5		3.2	0.36	0	1.37	0.96	—	—	50	NBR	A	10	10	F	100
YS301AF88N9AE1	YS301AF88N2AE1		4.8	0.49	0	0.68	0.48	—	—	50	NBR	A	10	10	F	100
—	YS301AH88T2AE1		4.8	0.49	0	—	—	0.68	0.48	170	PTFE	A	10	10	H	100
YS301AF88N9BC3	YS301AF88N3BC3	1/4	1.2	0.05	0	7.20	6.86	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BC5	YS301AF88N3BC5		1.6	0.10	0	4.80	2.05	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BC7	YS301AF88N3BC7		2.0	0.14	0	3.43	1.64	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BC9	YS301AF88N3BC9		2.4	0.21	0	2.74	1.37	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BD3	YS301AF88N3BD3		2.8	0.28	0	2.05	1.16	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BD5	YS301AF88N3BD5		3.2	0.36	0	1.37	0.96	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BD7	YS301AF88N3BD7		4.0	0.44	0	1.02	0.68	—	—	50	NBR	A	10	10	F	100
YS301AF88N9BE1	YS301AF88N3BE1		4.8	0.65	0	0.68	0.48	—	—	50	NBR	A	10	10	F	100
—	YS301AH88T3BE1		4.8	0.65	0	—	—	0.68	0.48	170	PTFE	A	10	10	H	100
YS301AF88N9BE7	YS301AF88N3BE7		6.4	0.85	0	0.24	0.10	—	—	50	NBR	A	10	10	F	100
YS301AF88N9CD5	YS301AF88N3CD5	3/8	3.2	0.36	0	1.37	0.96	—	—	50	NBR	A	10	10	F	100
YS301AF88N9CD7	YS301AF88N3CD7		4.0	0.44	0	1.02	0.68	—	—	50	NBR	A	10	10	F	100
YS301AF88N9CE1	YS301AF88N3CE1		4.8	0.65	0	0.68	0.48	—	—	50	NBR	A	10	10	F	100
—	YS301AH88T3CE1		4.8	0.65	0	—	—	0.68	0.48	170	PTFE	A	10	10	H	100
YS301AF88N9CE7	YS301AF88N3CE7		6.4	0.85	0	0.34	0.13	—	—	50	NBR	A	10	10	F	100
YS301AF88N9CF1	YS301AF88N3CF1		7.2	1.00	0	0.24	0.10	—	—	50	NBR	A	10	10	F	100
YS301AF88N9CF5	YS301AF88N3CF5		9.5	1.70	0	0.13	0.034	—	—	50	NBR	A	10	10	F	100

노멀오픈

Normally Open Type



■ 표준하우징
Housing

A [콘duit
Conduit]

■ 전압
Rated voltage

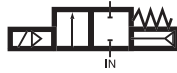
100V 50/60Hz

형식기호 Model code		배관구경 〈Rc〉 (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential				최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage	
본체 : 황동 Body: Brass	본체 : 스테인리스 (SUS430F) Body: Stainless steel				최저 Min.	최고 Max.		증기 steam								
						공기·가스·물·등유 Air, Gas, Water, Lamp oil	DC					AC	DC			
						AC	DC	AC				DC				
YS302AF88N9BC3	YS302AF88N3BC3	1/4	1.2	0.05	0	4.11	4.11	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BC5	YS302AF88N3BC5		1.6	0.10	0	2.23	2.23	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BC7	YS302AF88N3BC7		2.0	0.14	0	1.61	1.61	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BC9	YS302AF88N3BC9		2.4	0.21	0	1.02	1.02	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BD3	YS302AF88N3BD3		2.8	0.28	0	0.86	0.86	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BD5	YS302AF88N3BD5		3.2	0.36	0	0.68	0.68	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BD7	YS302AF88N3BD7		4.0	0.44	0	0.41	0.41	—	—	50	NBR	A	11	10	F	100
YS302AF88N9BE1	YS302AF88N3BE1		4.8	0.65	0	0.27	0.27	—	—	50	NBR	A	11	10	F	100



YS301/YS302

노말클로즈
Normally Closed Type



표준하우징
Housing

A [콘듀잇
Conduit]

전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 〈Rc〉 (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential								최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스텐레스 Body: Stainless steel				최저 Min.	최고 Max.													
						공기·불활성 가스 Air, Inert gas		물 Water		등유 Lamp oil									
						AC	DC	AC	DC	AC	DC								
YS211AF88N6CG4	YS211AF88J8CG4	3/8	15.9	3.3	0.02	1.37	1.02	1.02	0.68	1.02	0.68	50	NBR	A	10	10	F	100	
YS211AF88N6DG4	YS211AF88J8DG4	1/2	15.9	4.1	0.02	1.37	1.02	1.02	0.68	1.02	0.68	50	NBR	A	10	10	F	100	
YS211AF88N6EG5	YS211AF88J8EG5	3/4	19.1	5.5	0.02	1.37	1.02	1.02	0.68	1.02	0.68	50	NBR	A	10	10	F	100	
YS211AF88N6FG9	YS211AF88J8FG9	1	25.0	13.0	0.03	1.37	1.02	1.02	1.02	0.68	0.68	50	NBR	A	10	10	F	100	
YS211AF88N6GJ2	YS211AF88J8GJ2	1 1/4	32.0	19.0	0.03	1.37	1.02	1.02	1.02	0.58	0.58	50	NBR	A	10	10	F	100	
YS211AF88N6HJ2	YS211AF88J8HJ2	1 1/2	32.0	25.0	0.03	1.37	1.02	1.02	1.02	0.58	0.58	50	NBR	A	10	10	F	100	
YS211AF88N6JJ2	YS211AF88J8JJ2	2	32.0	28.0	0.03	1.37	1.02	1.02	1.02	0.58	0.58	50	NBR	A	10	10	F	100	

노말오픈
Normally Open Type



표준하우징
Housing

A [콘듀잇
Conduit]

전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 <Rc> (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential								최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스텐레스 Body: Stainless steel				최저 Min.	최고 Max.													
						공기·불활성가스 Air, Inert gas		물 Water		등유 Lamp oil									
						AC	DC	AC	DC	AC	DC	AC				DC			
YS212AF88N6CG4	YS212AF88J8CG4	3/8	15.9	3.3	0.02	1.37	0.96	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100	
YS212AF88N6DG4	YS212AF88J8DG4	1/2	15.9	4.1	0.02	1.37	0.96	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100	
YS212AF88N6EG5	YS212AF88J8EG5	3/4	19.1	5.5	0.02	1.37	0.96	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100	
YS212AF88N6FG9	YS212AF88J8FG9	1	25.0	13.0	0.03	0.72	0.72	0.72	0.72	0.68	0.68	50	NBR	A	11	10	F	100	
YS212AF88N6GJ2	YS212AF88J8GJ2	1 1/4	32.0	19.0	0.03	0.72	0.72	0.72	0.72	0.58	0.58	50	NBR	A	11	10	F	100	
YS212AF88N6HJ2	YS212AF88J8HJ2	1 1/2	32.0	25.0	0.03	0.72	0.72	0.72	0.72	0.58	0.58	50	NBR	A	11	10	F	100	
YS212AF88N6JJ2	YS212AF88J8JJ2	2	32.0	28.0	0.03	0.72	0.72	0.72	0.72	0.58	0.58	50	NBR	A	11	10	F	100	



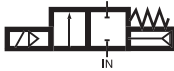
YS211/YS212

각종유체 제어용 마그프로솔레노이드밸브 ISO
MAGFLOW Solenoid Valve for Various Types of Fluid Control

YS20series

노멀클로즈

Normally Closed Type



■ 표준하우징
 Housing

A [콘duit
 Conduit]

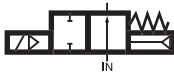
■ 전압
 Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 (Rc) (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential							최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.												
						공기·불활성가스 Air, Inert gas		물 Water		등유 Lamp oil								
						AC	DC	AC	DC	AC	DC							
YS201AF88N5CG4	YS201AF88J7CG4	3/8	15.9	3.3	0	0.96	0.61	0.96	0.61	0.61	0.48	50	NBR	A	10	10	F	100
YS201AF88N5DG4	YS201AF88J7DG4	1/2	15.9	4.1	0	0.96	0.61	0.96	0.61	0.61	0.48	50	NBR	A	10	10	F	100
YS201AF88N5EG5	YS201AF88J7EG5	3/4	19.1	5.5	0	0.96	0.61	0.96	0.61	0.61	0.48	50	NBR	A	10	10	F	100
YS201AF88N5FG9	YS201AF88J7FG9	1	25.0	11.0	0	0.68	—	0.34	—	—	—	50	NBR	A	10	—	F	100
YS201AF88N5GJ2	YS201AF88J7GJ2	1 1/4	32.0	18.0	0	0.34	—	—	—	—	—	50	NBR	A	10	—	F	100
YS201AF88N5HJ2	YS201AF88J7HJ2	1 1/2	32.0	23.0	0	0.34	—	—	—	—	—	50	NBR	A	10	—	F	100
YS201AF88N5JJ2	YS201AF88J7JJ2	2	32.0	27.0	0	0.34	—	—	—	—	—	50	NBR	A	10	—	F	100

노멀오픈

Normally Open Type



■ 표준하우징
 Housing

A [콘duit
 Conduit]

■ 전압
 Rated voltage

100V 50/60Hz

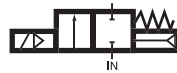
형식기호 Model code		배관구경 (Rc) (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential								최고유체 온도(℃) Max. Fluid temp.	시트제질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage	
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.														
						공기·불활성가스 Air, Inert gas		물 Water		등유 Lamp oil										
						AC	DC	AC	DC	AC	DC	AC				DC				
YS202AF88N5CG4	YS202AF88J7CG4	3/8	15.9	3.3	0	1.37	0.86	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100		
YS202AF88N5DG4	YS202AF88J7DG4	1/2	15.9	4.1	0	1.37	0.86	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100		
YS202AF88N5EG5	YS202AF88J7EG5	3/4	19.1	5.5	0	1.37	0.86	1.37	0.86	1.37	0.86	50	NBR	A	11	10	F	100		



YS201/YS202

노멀클로즈

Normally Closed Type



■ 표준하우징
Housing

A [콘듀잇
Conduit]

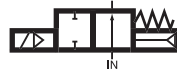
■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 <Rc> (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv 값 Cv value	작동압력차 (MPa) Working pressure differential							최고유체 온도 (℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.		공기·불활성가스 Air, Inert gas		물 Water					등유 Lamp oil			
						AC	DC	AC	DC	AC	DC				AC	DC		
YS271AH88N5FG9	YS271AH88J7FG9	1	25.0	13.0	0	0.86	0.86	0.68	0.68	0.49	0.49	50	NBR	A	17.5	22.5	H	100
YS271AH88N5GJ2	YS271AH88J7GJ2	1 1/4	32.0	19.0	0	0.86	0.86	0.34	0.34	0.49	0.49	50	NBR	A	17.5	22.5	H	100
YS271AH88N5HJ2	YS271AH88J7HJ2	1 1/2	32.0	25.0	0	0.86	0.86	0.34	0.34	0.49	0.49	50	NBR	A	17.5	22.5	H	100
YS271AH88N5JJ2	YS271AH88J7JJ2	2	32.0	28.0	0	0.86	0.86	0.34	0.34	0.49	0.49	50	NBR	A	17.5	22.5	H	100

노멀오픈

Normally Open Type



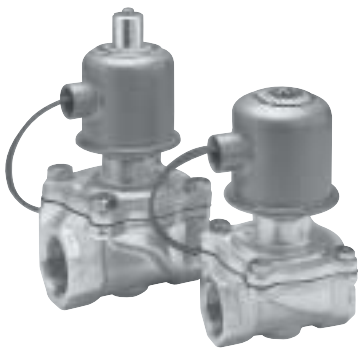
■ 표준하우징
Housing

A [콘듀잇
Conduit]

■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 ＜Rc＞ (inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv 값 Cv value	작동압력차 Working pressure differential						최고유체 온도 (℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption	절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage		
본체 : 황동 (Rc2는 청동본체) Body: Brass (For Rc2: Bronze)	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.												
						공기・불활성가스 Air, Inert gas		물 Water		등유 Lamp oil								
						AC	DC	AC	DC	AC							DC	
YS272AH88N5FG9	YS272AH88J7FG9	1	25.0	13.0	0	0.86	—	0.86	—	0.49	—	50	NBR	A	18.5	—	H	100
YS272AH88N5GJ2	YS272AH88J7GJ2	1 1/4	32.0	18.0	0	0.86	—	0.86	—	0.49	—	50	NBR	A	18.5	—	H	100
YS272AH88N5HJ2	YS272AH88J7HJ2	1 1/2	32.0	23.0	0	0.86	—	0.86	—	0.49	—	50	NBR	A	18.5	—	H	100
YS272AH88N5JJ2	YS272AH88J7JJ2	2	32.0	27.0	0	0.86	—	0.86	—	0.49	—	50	NBR	A	18.5	—	H	100



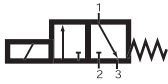
YS271/YS272

각종유체 제어용 마그프로솔레노이드밸브 ISO
MAGFLOW Solenoid Valve for Various Types of Fluid Control

YS33series

노멀클로즈

Normally Closed Type



■ 표준하우징
Housing

A [콘duit
Conduit]

■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 〈Rc〉 (inch) Port size	오리피스 사이즈 (mm) Orifice size	Ov값 Cv value	작동압력차 (MPa) Working pressure differential		최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage	
본체 : 황동 Body: Brass	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.								
						공기·가스·등유·물 Air, Inert gas, Lamp oil, Water								
						AC				DC				
YS333AF88N4AC5	—	1/8	1.6	0.09	0	1.37	1.09	50	NBR	A	10	10	F	100
YS333AF88N4AC9	—		2.4	0.15	0	1.02	0.78	50	NBR	A	10	10	F	100
YS333AF88N4AD5	—		3.2	0.26	0	0.57	0.41	50	NBR	A	10	10	F	100
YS333AF88N4BC5	YS333AF88J8BC5	1/4	1.6	0.09	0	1.37	1.09	50	NBR	A	10	10	F	100
YS333AF88N4BC9	YS333AF88J8BC9		2.4	0.15	0	1.02	0.78	50	NBR	A	10	10	F	100
YS333AF88N4BD5	YS333AF88J8BD5		3.2	0.31	0	0.57	0.41	50	NBR	A	10	10	F	100
YS333AF88N4BD8	—		4.4	0.38	0	0.31	0.16	50	NBR	A	10	10	F	100

노멀오픈

Normally Open Type



■ 표준하우징
Housing

A [콘duit
Conduit]

■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 〈Rc〉 (inch) Port size	오리피스 사이즈 (mm) Orifice size	Ov값 Cv value	작동압력차 (MPa) Working pressure differential			최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
본체 : 황동 Body: Brass	본체 : 스테인리스 Body: Stainless steel				최저 Min.	최고 Max.								
						공기·가스·등유·물 Air, Inert gas, Lamp oil, Water								
						AC	DC							
YS334AF88N4AC5	—	1/8	1.6	0.09	0	1.37	1.09	50	NBR	A	10	10	F	100
YS334AF88N4AC9	—		2.4	0.15	0	1.02	0.78	50	NBR	A	10	10	F	100
YS334AF88N4AD5	—		3.2	0.26	0	0.57	0.41	50	NBR	A	10	10	F	100
YS334AF88N4BC5	YS334AF88J8BC5	1/4	1.6	0.09	0	1.37	1.09	50	NBR	A	10	10	F	100
YS334AF88N4BC9	YS334AF88J8BC9		2.4	0.15	0	1.02	0.78	50	NBR	A	10	10	F	100
YS334AF88N4BD5	YS334AF88J8BD5		3.2	0.31	0	0.57	0.41	50	NBR	A	10	10	F	100
YS334AF88N4BD8	—		4.4	0.38	0	0.31	0.16	50	NBR	A	10	10	F	100

유니버설형
Universal Type



■ 표준하우징
Housing

A [콘duit
Conduit]

■ 전압
Rated voltage

100V 50/60Hz

형식기호 Model code		배관구경 〈Rc〉 (inch) Port size	오리피스 사이즈 (mm) Orifice size	Ov값 Cv value	작동압력차 (MPa) Working pressure differential		최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage	
본체 : 황동 Body: Brass	본체 : 스텐레스 Body: Stainless steel				최저 Min.	최고 Max.								
						공기·가스·등유·물 Air, Inert gas, Lamp oil, Water								
						AC				DC				
YS336AF88N4AC5	—	1/8	1.6	0.09	0	0.68	0.54	50	NBR	A	10	10	F	100
YS336AF88N4AC9	—		2.4	0.15	0	0.41	0.34	50	NBR	A	10	10	F	100
YS336AF88N4AD5	—		3.2	0.26	0	0.23	0.20	50	NBR	A	10	10	F	100
YS336AF88N4BC5	YS336AF88J8BC5	1/4	1.6	0.09	0	0.68	0.54	50	NBR	A	10	10	F	100
YS336AF88N4BC9	YS336AF88J8BC9		2.4	0.15	0	0.41	0.34	50	NBR	A	10	10	F	100
YS336AF88N4BD5	YS336AF88J8BD5		3.2	0.31	0	0.23	0.20	50	NBR	A	10	10	F	100
YS336AF88N4BD8	—		4.4	0.38	0	0.15	0.078	50	NBR	A	10	10	F	100



YS333/YS334/YS336

노멀클로즈

Normally Closed Type



표준하우징
Housing

A 콘듀잇
Conduit

전압
Rated voltage

100V 50/60Hz

형식기호 Model code	배관구경 <Rc>(inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential			최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
				최저 Min.	최고 Max.								
					공기·가스 Air, Gas								
					AC	DC							
본체 : 황동 Body: Brass													
YS203AF88N5CG4	3/8	15.9	3.3	0.05	1.02	1.02	50	NBR	A	10	10	F	100
YS203AF88N5DG4	1/2	15.9	4.4	0.05	1.02	1.02	50	NBR	A	10	10	F	100

노멀오픈

Normally Open Type



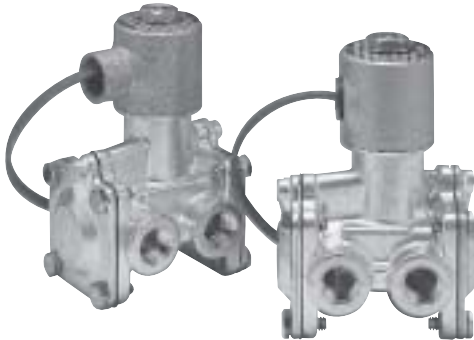
표준하우징
Housing

A 콘듀잇
Conduit

전압
Rated voltage

100V 50/60Hz

형식기호 Model code	배관구경 〈Rc〉(inch) Port size	오리피스 사이즈 (mm) Orifice size	Cv값 Cv value	작동압력차 (MPa) Working pressure differential			최고유체 온도(℃) Max. Fluid temp.	시트재질 Seat material	하우징 Housing	소비전력 (W) Power consumption		절연내열 클래스 Insulation class	정격전압 (V) 50/60Hz Rated voltage
				최저 Min.	최고 Max.								
					공기·가스 Air, Gas								
					AC	DC							
본체 : 황동 Body: Brass													
YS204AF88N5CG4	3/8	15.9	3.3	0.05	1.02	1.02	50	NBR	A	10	10	F	100
YS204AF88N5DG4	1/2	15.9	4.4	0.05	1.02	1.02	50	NBR	A	10	10	F	100



YS203/YS204

Solenoid Valves
Pneumatic Controls
Pneumatic Cylinders
Control Valves
Sanitary Valves
Press-Related Products
Packing System
Control System
NC Regulator System

뉴 마그스타 시리즈
New MAGSTAR

ISO

공기압용 솔레노이드 밸브
Pneumatic Solenoid Valves

5포트 솔레노이드 밸브(가스켓 접속형)
5-Port Solenoid Valves
(Gasket-Connection Type414 series)

414 □ 201C (E)

스풀밸브의 종류
Spool valve

S : 리턴
Return

H : 클로즈센터
Closed center

I : 프레스센터
Pressure center

D : 홀드
Hold

J : 이그조스트센터
Exhaust center

형식기호 Model code	배관구경 Port size		유효단면적(㎢) (Oval) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.	피상전력 (VA) Apparent power	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)						
414 □ 201C	6A	1/8	16 (0.9)	파일럿형 (스풀밸브) Pilot-acting (Spool valve)	0.2 ~ 1.0	- 5 ~ 50	2	M: 본체배선/리드선 from body / Lead wire BA: 본체배선/DIN커넥터 from body / DIN connector F: 서브플레이트배선/리드선 from subplate / Lead wire ZA: 서브플레이트배선/K터미널블록 from subplate / K Terminal block
414 □ 202C	8A	1/4	20 (1.1)					
414 □ 302C			25 (1.4)					
414 □ 303C	10A	3/8	30 (1.6)					
414 □ 603C			51 (2.8)					
414 □ 604C	15A	1/2	60 (3.3)					
414 □ A14C			94 (5.1)					
414 □ A16C	20A	3/4	110 (6.0)					
414 □ A96C			160 (8.7)					
414 □ A91C	25A	1	190 (10.3)	파일럿형 (세라믹슬라이드밸브) Pilot-acting (Ceramic slide valve)	0.12 ~ 1.0	- 20 ~ 50		
416 □ 201C (E)	6A	1/8	16 (0.9)					
416 □ 202C (E)	8A	1/4	20 (1.1)					
416 □ 302C (E)			24 (1.3)					
416 □ 303C (E)	10A	3/8	28 (1.5)					
416 □ 603C (E)			51 (2.8)					
416 □ 604C (E)	15A	1/2	60 (3.3)					

정격전압: AC100V, 110V, 115V, 120V, 200V, 220V, 230V, 240V(50/60Hz), DC12V, 24V, 48V, 100V
Rated voltage

5포트 솔레노이드 밸브(직배관형)
5-Port Solenoid Valves
(Direct Piping Type454 series)

454 □ 04FC

스풀밸브의 종류
Spool valve

S : 리턴
Return

H : 클로즈센터
Closed center

I : 프레스센터
Pressure center

D : 홀드
Hold

J : 이그조스트센터
Exhaust center

형식기호 Model code	배관구경 Port size		유효단면적(㎢) (Oval) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.	피상전력 (VA) Apparent power	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)						
454 □ 04FC	4mm	4mm With 4mm dia. fitting	4 (0.2)	파일럿형 (스풀밸브) Pilot-acting (Spool valve)	0.2 ~ 1.0	- 5 ~ 50	2	M : 리드선램프 있음 from body / Lead wire w/indicator H : K1 단자램프 있음 K1 Terminal block w/indicator J : 방수 K1 단자램프 있음 Water-proof K1 terminal block w/indicator
454 □ 04MC	5mm	M5						
454 □ 091C	6A	1/8	9 (0.5)					
454 □ 202C	8A	1/4	22 (1.2)					
454 □ 203C	10A	3/8	40 (2.2)					
454 □ 403C								
454 □ 404C	15A	1/2						

정격전압: AC100V, 110V, 115V, 120V, 200V, 220V, 230V, 240V(50/60Hz), DC12V, 24V, 48V, 100V
Rated voltage



414/416 series



454 series

5포트 솔레노이드 밸브(가스켓 접속형)
5-Port Solenoid Valves
(Gasket-Connection Type)

414 □ 201C-B

스플밸브의 종류
Spool valve

S : 리턴
Return

H : 클로즈센터
Closed center

I : 프레스센터
Pressure center

D : 홀드
Hold

J : 이그조스트센터
Exhaust center

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드 베이스 배관방식 Port layout	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)				
414 □ 201C-B	6A	1/8	집중배기 Collective exhaust		10	BA: 단독배선/DIN커넥터 Individual / DIN connector F: 단독배선/리드선 Individual / Lead wire ZA: 단독배선/K터미널블럭 Individual / K Terminal block G: 집중배선/리드선 Collective / Lead wire T: 집중배선/K터미널블럭 Collective / K Terminal block
414 □ 202C-B	8A	1/4				
414 □ 302C-B	8A	1/4				
414 □ 303C-B	10A	3/8				
414 □ 603C-B						
414 □ 604C-B	15A	1/2				
416 □ 201C-B	6A	1/8				
416 □ 202C-B	8A	1/4				
416 □ 302C-B						
416 □ 303C-B	10A	3/8				
416 □ 603C-B						
416 □ 604C-B	15A	1/2				

정격전압: AC100V, 110V, 115V, 120V, 200V, 220V, 230V, 240V(50/60Hz), DC12V, 24V, 48V, 100V
Rated voltage

5포트 솔레노이드 밸브(직배관형)

5-Port Solenoid Valves
(Direct Piping Type)

454 □ 202C-C

스플밸브의 종류
Spool valve

S : 리턴
Return

H : 클로즈센터
Closed center

I : 프레스센터
Pressure center

D : 홀드
Hold

J : 이그조스트센터
Exhaust center

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드 베이스 배관방식 Port layout	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system				
	JIS B 0203	Rc or NPT (inch)								
454 □ 202C-C	8A	1/4	개별배기 Individual exhaust	B	20	M: 단독배선/DIN커넥터 Individual / DIN connector H: 단독배선/리드선 Individual / Lead wire J: 단독배선/K터미널블럭 Individual / K Terminal block				
454 □ 203C-C	10A	3/8								
454 □ 403C-C										
454 □ 404C-C	15A	1/2								
454 □ 04FC-D	4mm	4mm 연결부 With 4mm dia. fitting	집중배기 Collective exhaust	C						
454 □ 04MC-D	5mm	M5								
454 □ 091C-D	6A	1/8								
454 □ 202C-D	8A	1/4								
454 □ 203C-D	10A	3/8								
454 □ 403C-D										
454 □ 404C-D	15A	1/2								

정격전압: AC100V, 110V, 115V, 120V, 200V, 220V, 230V, 240V(50/60Hz), DC12V, 24V, 48V, 100V
Rated voltage



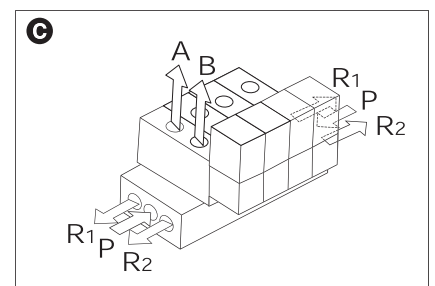
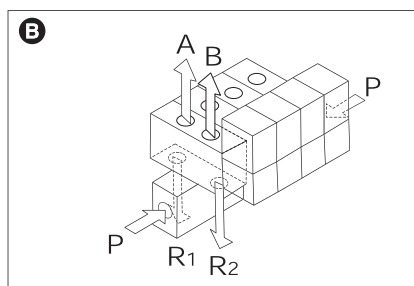
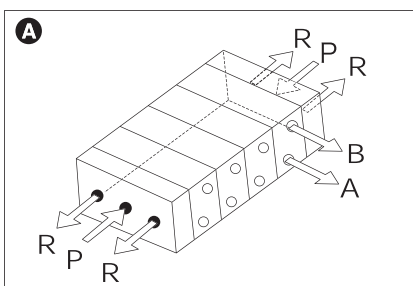
414/416 series



454 series

메니폴드 베이스의 배관방식

Manifold port layout



3포트 솔레노이드 밸브(서브플레이트형)
3-Port Solenoid Valves (Sub-plate)

형식기호 Model code	배관구경 Port size		유효단면적(mm ²) Effective sectional area	작동방식 Operation type	사용압력(MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)						
MVW1F-02	6A	1/8	3	직 등식 노멀 클로즈 Direct-acting Normally closed	0 ~ 0.8	- 20 ~ 50	AC:10VA DC:6W	L: 리드선 Lead wire DT: DIN 커넥터 램프 없음 DIN connector w/o indicator DN: DIN 커넥터 램프 있음 DIN connector w/indicator TBF1: 콘duit 커넥터 Conduit connector
	8A	1/4						
	10A	3/8						
MVW1RF-02	6A	1/8		직 등식 노멀 오픈 Direct-acting Normally open				
	8A	1/4						
	10A	3/8						

정격전압 : AC100V, 110V, 200V, 220V (50/60Hz), DC24V, 48V, 100V
Rated voltage

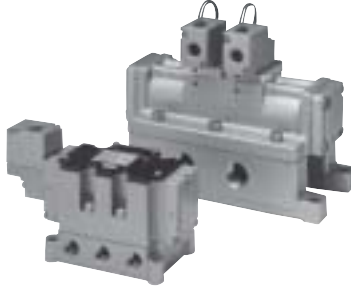
5포트 솔레노이드 밸브(서브플레이트형)
5-Port Solenoid Valves (Sub-plate)

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (CV값) Effective sectional area (CV value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력(VA) Apparent power 소비전력 (W) Power consumption	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)							
MV □□ F-03	8A	1/4	40	파일럿형 Pilot-acting	MV □□ F S2: 리턴 Return D2: 홀드 Hold PC: 클로즈센터 Closed center PO: 이그조스트센터 Center open to exhaust PE: 프레스센터 Center open to pressure	0.2 ~ 0.8	- 5 ~ 50	AC:10VA DC:6W	L: 리드선 Lead wire T: 터미널부착 램프 없음 Terminal w/o indicator N: 터미널부착 램프 있음 Terminal w/indicator
	10A	3/8	55						
	15A	1/2	70						
MV □□ F-08	20A	3/4	175			0.12 ~ 0.7	- 20 ~ 50		
	25A	1	185						

정격전압 : AC100V, 110V, 125V, 200V, 220V (50/60Hz), DC24V, 48V, 100V, 110V
Rated voltage



MVW1F-02



MVS2F-03/MVPCF-08

3포트 솔레노이드 밸브(메니폴드형)
3-Port Solenoid Valves (Manifold Type)

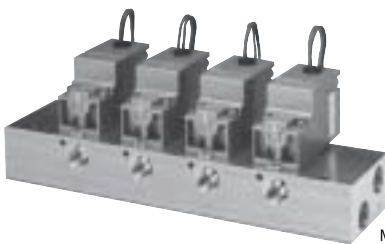
형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드베이스 배관방식 Port layout	적용단체 솔레노이드밸브 Applicable valve	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system			
	JIS B 0203	Rc or NPT (inch)								
MVM3F-02-SP1	6A	1/8	집중배기 Collective exhaust	D	MVW1F-02 MVW1FR-02	15	L: 리드선 Lead wire DT: DIN 커넥터 램프 없음 DIN connector w/o indicator DN: DIN 커넥터 램프 있음 DIN connector w/indicator TBF1: 콘duit 커넥터 Conduit connector			
	8A	1/4								
	10A	3/8								
MVM3F-02-SE1	6A	1/8	개별배기 Individual exhaust	E						
	8A	1/4								
	10A	3/8								

정격전압: AC100V, 110V, 125V, 120V, 200V, 220V(50/60Hz), DC24V, 48V, 100V, 110V
Rated voltage

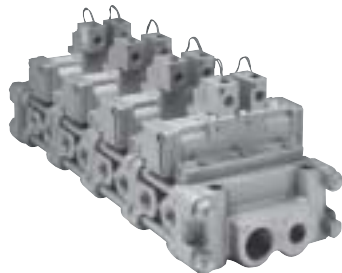
5포트 솔레노이드 밸브(메니폴드형)
5-Port Solenoid Valve (Manifold Type)

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드베이스 배관방식 Port layout	적용단체 솔레노이드밸브 Applicable valve	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)					
MVM5F-03-SP1	6A	1/8	집중배기 Collective exhaust	F	MV □□ F-03	6	L : 리드선 Lead wire T : 터미널부착 램프 없음 Terminal w/o indicator N : 터미널부착 램프 있음 Tarminal w/indicator
	8A	1/4			MV □□ F-08	4	
	10A	3/8					
MVM5F-08-SP1	20A	3/4			G	MV □□ F-08	
	25A	1					
MVM5F-03-SP2	6A	1/8		MV □□ F-03		6	
	8A	1/4					
	10A	3/8					
MVM5F-08-SP2	20A	3/4		MV □□ F-08		4	
	25A	1					

정격전압: AC100V, 110V, 125V, 200V, 220V(50/60Hz), DC24V, 48V, 100V, 110V
Rated voltage

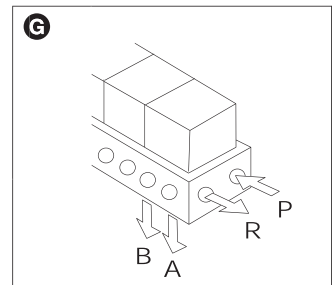
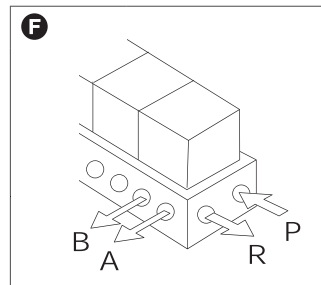
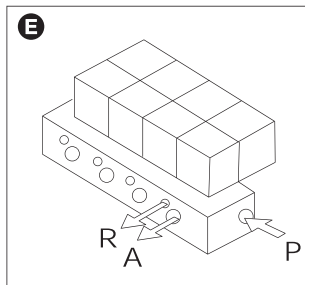
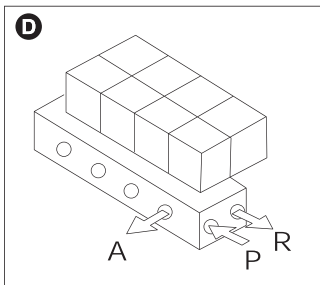


MVM3F-02



MVM5F-08

메니폴드베이스의 배관방식
Manifold port layout



3포트 솔레노이드 밸브(서브플레이트형)
3-Port Solenoid Valves (Sub-Plate Type)

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	작동방식 Operation type	사용압력(MPa) Working pressure	주위온도 (°C) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)						
313C011C	6A	1/8	1.0 (0.05)	직동식 노멀클로즈 Direct-acting Normally closed	0 ~ 0.8	- 5 ~ 50	AC:6VA DC:5W	L: 리드선 Lead wire D: DIN 커넥터 램프 없음 DIN connector w/o indicator N: DIN 커넥터 램프 있음 DIN connector w/indicator W: 방수 커넥터 Water-proof connector
313O011C				직동식 노멀오픈 Direct-acting Normally open				

정격전압 : AC100V, 110V, 200V, 220V (50/60Hz), DC24V, 48V, 100V
Rated voltage

5포트 솔레노이드 밸브(직배관형)
5-Port Solenoid Valves (Direct Piping Type)

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	결선방식 Wiring connection system										
	JIS B 0203	Rc or NPT (inch)																	
453S101C	6A	1/8	10 (0.5)	스폴밸브 Spool valve	리턴 Return	0.2 ~ 0.8	- 5 ~ 50	AC:6VA DC:5W	L: 리드선 Lead wire D: DIN 커넥터 램프 없음 DIN connector w/o indicator N: DIN 커넥터 램프 있음 DIN connector w/indicator W: 방수 커넥터 Water-proof connector										
453S102C	8A	1/4																	
453S202C	8A	1/4	22 (1.1)																
453S203C	10A	3/8																	
453S403C	10A	3/8	40 (2.2)																
453S404C	15A	1/2																	
453D101C	6A	1/8	10 (0.5)		홀드 Hold														
453D102C	8A	1/4																	
453D202C	8A	1/4	22 (1.1)																
453D203C	10A	3/8																	
453D403C	10A	3/8	40 (2.2)		클로즈센터 Closed center														
453D404C	15A	1/2																	
453H202C	8A	1/4	22 (1.1)		이그조스트센터 Center open to exhaust														
453H203C	10A	3/8																	
453H403C	10A	3/8	40 (2.2)																
453H404C	15A	1/2																	
453J202C	8A	1/4	22 (1.1)		프레서센터 Center open to pressure														
453J203C	10A	3/8																	
453J403C	10A	3/8	40 (2.2)																
453J404C	15A	1/2																	
453I202C	8A	1/4	22 (1.1)																
453I203C	10A	3/8																	
453I403C	10A	3/8	40 (2.2)																
453I404C	15A	1/2																	

정격전압 : AC100V, 110V, 200V, 220V (50/60Hz), DC24V, 48V, 100V
Rated voltage



313C/313O



453S101C



453D101C

3포트 솔레노이드 밸브(서브플레이트형)
3-Port Solenoid Valves (Sub-Plate Type)

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드베이스 배관방식 Port layout	적용단체 솔레노이드 밸브 Applicable valve	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)					
313 □ 011C-A	6A	1/8	개별배기 (적층메니폴드) Individual exhaust (Compound manifold)	H	313C011C	10	L : 리드선 Lead wire DT: DIN 커넥터 램프 없음 DIN connector w/o indicator DN: DIN 커넥터 램프 있음 DIN connector w/indicator W: 방수 커넥터 Water-proof connector
313 □ 011C-D			집중배기 (일체메니폴드) Collective exhaust (Integrated manifold)	I	313O011C		

정격전압 AC100V, 110V, 115V, 120V, 200V, 220V, 230V, 240V(50/60Hz), DC12V, 24V, 48V, 100V
Rated voltage

5포트 솔레노이드 밸브(서브플레이트형)
5-Port Solenoid Valves (Direct Piping Type)

453 □ 101C(C)

스풀밸브의 종류
Spool valve

S : 리턴(2)
Return

H : 클로즈센터(3)
Closed center

I : 프레스센터(3)
Pressure center

D : 홀드(2)
Hold

J : 이그조스트센터(3)
Exhaust center

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드베이스 배관방식 Port layout	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)				
453 □ 101C-C	6A	1/8	개별배기 (일체easy메니폴드) Individual exhaust (Integrated quick-mounting manifold)	B	10	L: 리드선 Lead wire D: DIN 커넥터 램프 없음 DIN connector w/o indicator N: DIN 커넥터 램프 있음 DIN connector w/indicator W: 방수 커넥터 Water-proof connector
453 □ 102C-C	8A	1/4				
453 □ 202C-C	8A	1/4				
453 □ 203C-C	10A	3/8				
453 □ 403C-C	10A	3/8				
453 □ 404C-C	15A	1/2				
453 □ 101C-D	6A	1/8	집중배기 (일체easy메니폴드) Collective exhaust (Integrated quick-mounting manifold)	C		
453 □ 102C-D	8A	1/4				
453 □ 202C-D	8A	1/4				
453 □ 203C-D	10A	3/8				
453 □ 403C-D	10A	3/8				
453 □ 404C-D	15A	1/2				

정격전압 AC100V, 110V, 200V, 220V (50/60Hz), DC24V, 48V, 100V
Rated voltage



313C011C-D/313O011C-D



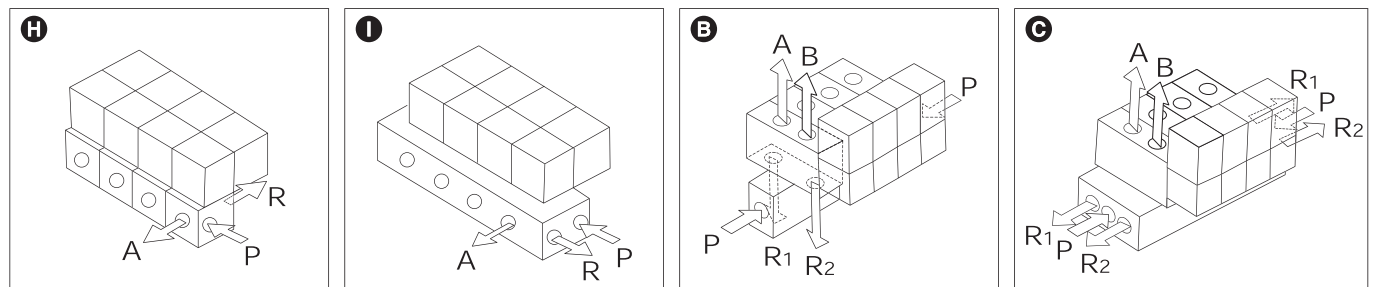
453□101C-C



453□203C-D

메니폴드베이스의 배관방식

Manifold port layout



5포트 솔레노이드 밸브
5-Port Solenoid Valves

413 □ 301C (E)

스풀밸브의 종류
Spool valve

S : 리턴
Return

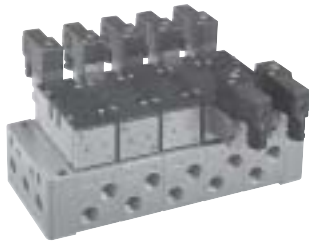
H : 클로즈센터
Closed center

I : 프레스센터
Pressure center

D : 홀드
Hold

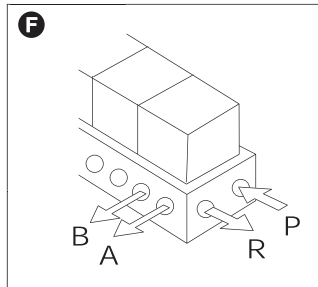
J : 이그조스트센터
Exhaust center

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드베이스 배관방식 Port layout	최대연결수 Max. No. of valve to be connected	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)				
413 □ 302C-B	8A	1/4	집중배기 (적층메니폴드) Collective exhaust (Compound manifold)	F	10	L: 리드선 Lead wire D: DIN 커넥터 램프 없음 DIN connector w/o indicator N: DIN 커넥터 램프 있음 DIN connector w/indicator W: 방수 커넥터 Water-proof connector
413 □ 303C-B	10A	3/8				
413 □ 603C-B	10A	3/8				
413 □ 604C-B	15A	1/2				



413Z303C

메니폴드베이스의 배관방식
Manifold port layout



4포트 솔레노이드 밸브
4-Port Solenoid Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operating type	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	결선방식 Wiring connection system
	JIS B 0203	Rc or NPT (inch)							
MVS8F-02	8A	1/4	16 (0.9)	세라믹슬라이드밸브 Ceramic slide valve	단동형 Single	0.12 ~ 0.7	- 5 ~ 50	AC:6VA DC:5W	L: 리드선 Lead wire D: DIN 커넥터 램프 없음 DiN connector w/o indicator N: DIN 커넥터 램프 있음 DiN connector w/indicator W: 방수 커넥터 Water-proof connector
	10A	3/8	18 (1.0)						
MVS8F-03	10A	3/8	55 (3.0)						
	15A	1/2	60 (3.3)						
MVD8F-02	8A	1/4	16 (0.9)						
	10A	3/8	18 (1.0)						
MVD8F-03	10A	3/8	55 (3.0)						
	15A	1/2	60 (3.3)						

정격전압 AC100V, 110V, 200V, 220V (50/60Hz) , DC24V, 48V, 100V
Rated voltage



MVS8F-02

ISO

3-Port Solenoid Valves

정격전압: AC100V, 110V, 200V, 220V (50/60Hz) , DC24V, 48V, 100V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



MVW1

MVW71

MVW7

4/5포트 솔레노이드 밸브

4/5-Port Solenoid Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력(W) Power consumption	옵션 Option	
	JIS B 0203	Rc or NPT (inch)								
MVW2 (D)	8A	1/4	15 (0.8)	스폴밸브 Spool valve	단동형 Single	0.12 ~ 0.7	- 20 ~ 50	32VA (AC100/ 60Hz) 24W (DC24V) *	3포트 솔레노이드 밸브에 준합니다. Conform to 3-port solenoid valves	
MVS2 (D)	10A	3/8								
	15A	1/2	60 (3.3)							
	20A	3/4	70 (3.8)							
	25A	1	150 (3.1)							
MVS120C (D)	32A	1 1/4	165 (8.9)			0.2 ~ 0.7				
MVS150C (D)	40A	1 1/2	250 (13.6)							
MVD2 (D)	10A	3/8	300 (16.2)		복동형 Double	0.12 ~ 0.7				
	15A	1/2	60 (3.3)							
	20A	3/4	70 (3.8)		0.2 ~ 0.7					
	25A	1	150 (8.1)							
MVD120C (D)	32A	1 1/4	165 (8.9)		복동형 Double	0.2 ~ 0.7				
MVD150C (D)	40A	1 1/2	250 (13.6)							
MVPC1 (D)	10A	3/8	300 (16.2)		복동형 클로즈센터 Double Closed center	0.12 ~ 0.7				
	15A	1/2	35 (1.9)							
	20A	3/4	60 (3.3)							
	25A	1	140 (7.6)							
MVPC2 (D)	32A	1 1/4	180 (9.8)		복동형 이그조스트센터 Double Center open to exhaust	0.12 ~ 0.7				
	40A	1 1/2	250 (13.6)							
MVPO1 (D)	10A	3/8	350 (19.0)						복동형 프레서센터 Double Center open to pressure	0.12 ~ 0.7
	15A	1/2	35 (1.9)							
	20A	3/4	60 (3.3)							
	25A	1	140 (7.6)							
MVPO2 (D)	32A	1 1/4	180 (9.8)		복동형 프레서센터 Double Center open to pressure	0.12 ~ 0.7				
	40A	1 1/2	250 (13.6)							
MVPE1 (D)	10A	3/8	350 (19.0)						복동형 프레서센터 Double Center open to pressure	0.12 ~ 0.7
	15A	1/2	35 (1.9)							
	20A	3/4	60 (3.3)							
	25A	1	140 (7.6)							
MVPE2 (D)	32A	1 1/4	180 (9.8)	복동형 프레서센터 Double Center open to pressure	0.12 ~ 0.7					
	40A	1 1/2	250 (13.6)							

정격전압: AC100V, 110V, 200V, 220V (50/60Hz) , DC24V, 48V, 100V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



MVW2



MVS2-20A



MVD2-20A



MVS2-10A



MVD2-10A



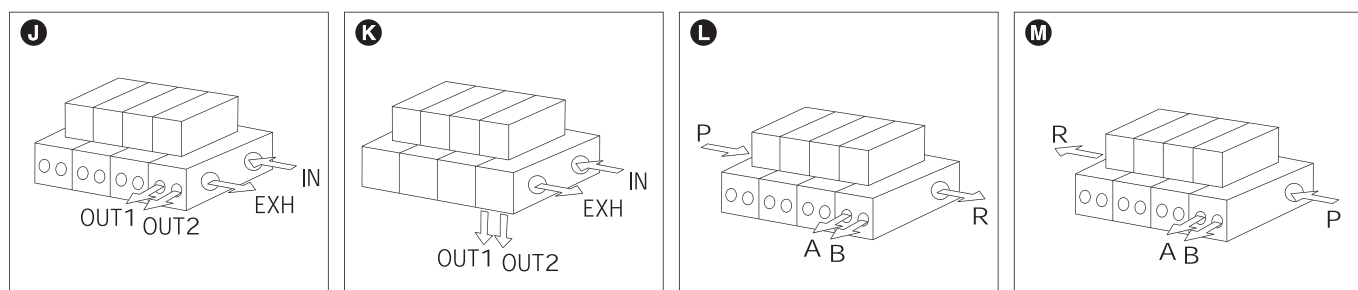
MVPC1-10A

5포트 솔레노이드 밸브
5-Port Solenoid Valves

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드 베이스 배관방식 Port layout	적용단체 솔레노이드밸브 Applicable valve	최대연결수 Max. No. of valve to be connected	옵션 Option			
	JIS B 0203	Rc or NPT (inch)								
MVM50-SP1	10A	3/8	집중배기 서브플레이트형 Collective exhaust Subplate type	J	MVS2-10A MVS2-15A MVD2-10A MVD2-15A	7	UX/UY/WX/WY: 수동압 버튼(D는 UX/WX만 있음) Manual push button TB1/TB2/TB3P/TB4P/TB5P: 터미널 박스 Terminal block			
	15A	1/2								
MVM50-SP2	10A	3/8		K				MVS2-20A MVS2-25A MVD2-20A MVD2-25A	4	N: 표시램프 Indicator Z: 서지압소버 Surge absorber ZN: 서지압소버 및 표시램프 Surge absorber & indicator
	15A	1/2								
MVM50-BR1	20A	3/4		L	MVS2-20A MVS2-25A MVD2-20A MVD2-25A	4	N: 표시램프 Indicator Z: 서지압소버 Surge absorber ZN: 서지압소버 및 표시램프 Surge absorber & indicator			
	25A	1								
MVM50-BR2	20A	3/4		M				MVS2-20A MVS2-25A MVD2-20A MVD2-25A	4	N: 표시램프 Indicator Z: 서지압소버 Surge absorber ZN: 서지압소버 및 표시램프 Surge absorber & indicator
	25A	1								

정격전압 AC100V, 110V, 200V, 220V (50/60Hz), DC24V, 48V, 100V
Rated voltage

메니폴드베이스의 배관방식
Manifold port layout



3포트 솔레노이드 밸브

3-Port Solenoid Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (Cv값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	옵션 Option
	JIS B 0203	Rc or NPT (inch)							
MVW7F-04-S	10A	3/8	70 (3.8)	과일렛식 노멀클로즈 Pilot-acting Normally closed	리턴 Return	0.2 ~ 0.7	- 20 ~ 50	7.5VA (AC100/60Hz) 6W (DC24V) *	DT: DIN DIN타입터미널박스 DIN-type terminal box DN: DIN DIN타입포시램프 부착 터미널박스 DIN-type terminal box w/indicator TBF1: 실외사용 터미널박스 Terminal box for outdoor use
	15A	1/2	80 (4.3)						
MVW7F-08-S	20A	3/4	200 (10.8)						
	25A	1	220 (11.9)						
MVW7F-14-S	32A	1 1/4	700 (37.9)						
	40A	1 1/2	750 (40.7)						
MVW7N-04-D	50A	2	800 (43.4)						
	10A	3/8	70 (3.8)						
MVW7N-08-D	15A	1/2	80 (4.3)						
	20A	3/4	200 (10.8)						
MVW7N-14-D	25A	1	220 (11.9)						
	32A	1 1/4	700 (37.9)						
MVW7FR-04-S	40A	1 1/2	750 (40.7)						
	50A	2	800 (43.4)						
MVW7FR-08-S	10A	3/8	70 (3.8)						
	15A	1/2	80 (4.3)						
MVW7FR-14-S	20A	3/4	200 (10.8)						
	25A	1	220 (11.9)						
MVW7FR-14-S	32A	1 1/4	700 (37.9)						
	40A	1 1/2	750 (40.7)						
	50A	2	800 (43.4)						
MVW7FR-14-S	32A	1 1/4	700 (37.9)						
	40A	1 1/2	750 (40.7)						
	50A	2	800 (43.4)						

4포트 솔레노이드 밸브

4-Port Solenoid Valves

형식기호 Model code	배관구경 Port size		유효면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption	옵션 Option
	JIS B 0203	Rc or NPT (inch)							
MVW344F-04-S	10A	3/8	70 (3.8)	과일렛식 Pilot-acting	리턴 Return	0.2 ~ 0.7	- 20 ~ 50	7.5VA (AC100/60Hz) 6W (DC24V) *	BR: 브라켓 Bracket DT: DIN DIN타입터미널박스 DIN-type terminal box DN: DIN DIN타입포시램프 부착 터미널박스 DIN-type terminal box w/indicator TBF1: 실외사용 터미널박스 Terminal box for outdoor use
	15A	1/2	80 (4.3)						
MVW344F-08-S	20A	3/4	200 (10.8)						
	25A	1	220 (11.9)						
	32A	1 1/4	700 (37.9)						
MVW344N-14-S	40A	1 1/2	750 (40.7)		홀드 Hold			15VA (AC100/60Hz) 13W (DC24V) *	
	50A	2	800 (43.4)						
MVW344N-04-D	10A	3/8	70 (3.8)						
	15A	1/2	80 (4.3)						
MVW344N-08-D	20A	3/4	200 (10.8)						
	25A	1	220 (11.9)						
	32A	1 1/4	700 (37.9)						
MVW344N-14-D	40A	1 1/2	750 (40.7)						
	50A	2	800 (43.4)						

정격전압: AC100V, 110V, 200V, 220V (50/60Hz) , DC24V, 48V, 100V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



MVW7F-04-S



MVW344N-04-D

공기압용방적 · 방폭형슬레노이드밸브 ISO
Drip-Proof, Explosion-Proof Solenoid Valves

3포트 슬레노이드 밸브
3-Port Solenoid Valves

방적 · 방폭구조 Drip-proof/Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (ϕ_{eff}) Effective sectional area (Cv value)	작동방식 Operation type		사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력(VA) Apparent power 소비전력 (W) Power consumption		
		JIS B 0203	Rc or NPT (inch)								
방적형 Drip-proof type	MVS301K-02	8A	1/4	1.0 (0.05)	직동형 Direct-acting	리턴 Return	0 ~ 0.7	- 20 ~ 60	10.6VA (AC100/60Hz) 4.6W (DC24V) *		
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS302K-02										
내압방폭전선관 접속방식 Explosion-proof type,Conduit tube	MVS303K-02										
방적형 Drip-proof type	MVS311K-02			4.0 (0.2)		리턴 Return	0 ~ 0.1				
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS312K-02										
내압방폭전선관 접속방식 Explosion-proof type,Conduit tube	MVS313K-02										
방적형 Drip-proof type	MVD301K-02			1.0 (0.05)	직동형 Direct-acting	홀드 (자석잠금) Hold (Magnet-latched)	0 ~ 0.7	- 20 ~ 60	5VA (AC100/60Hz) 5W (DC24V) *		
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD302K-02										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD303K-02										
방적형 Drip-proof type	MVD311K-02			4.0 (0.2)		홀드 (자석잠금) Hold (Magnet-latched)	0 ~ 0.1				
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD312K-02										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD313K-02										

* 주: 기타 전압은 개별 카다로그를 참조하십시오
In the case of other voltage,
please refer to individual catalog



MVS303K-02

Solenoid Valves

Pneumatic Controls

Pneumatic Cylinders

Control Valves

Sanitary Valves

Press-Related Products

Packing System

Control System

NC Regulator System

공기압용방적 · 방폭형솔레노이드밸브 ISO
Drip-Proof, Explosion-Proof Solenoid Valves

4포트 솔레노이드 밸브
4-Port Solenoid Valves

방적·방폭구조 Drip-proof/Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (Cv값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.	피상전력 (VA) Apparent power
		JIS B 0203	Rc or NPT (inch)						
방적형 Drip-proof type	MVS801K-02	8A	1/4	16(0.9)	과일릿형 (세라믹슬라이드밸브) Pilot-acting (Ceramic slide valve)	리턴 Return	0.12 ~ 0.7	- 20 ~ 60	10.6VA (AC100/60Hz) 4.6W (DC24V) *
		10A	3/8	18(1.0)					
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS802K-02	8A	1/4	16(0.9)					
		10A	3/8	18(1.0)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVS803K-02	8A	1/4	16(0.9)					
		10A	3/8	18(1.0)					
방적형 Drip-proof type	MVS801K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS802K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVS803K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					
방적형 Drip-proof type	MVD801K-02	8A	1/4	16(0.9)					
		10A	3/8	18(1.0)					
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD802K-02	8A	1/4	16(0.9)					
		10A	3/8	18(1.0)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD803K-02	8A	1/4	16(0.9)					
		10A	3/8	18(1.0)					
방적형 Drip-proof type	MVD801K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD802K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD803K-03	10A	3/8	55(3.0)					
		15A	1/2	60(3.3)					

정격전압: AC100V, 110V, 115V, 200V, 220V(50/60Hz), DC100V, 110V, 125V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



MVD802K-03

공기압용방적 · 방폭형솔레노이드밸브 ISO
Drip-Proof, Explosion-Proof Solenoid Valves

5포트 솔레노이드 밸브
5-Port Solenoid Valves

방적 · 방폭구조 Drip-proof/Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _g) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption				
		JIS B 0203	Rc or NPT (inch)										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453S202C-E2K	8A	1/4	22 (1.2)	과일렛형 (스폴밸브방식) Pilot-acting (Spool valve)	리턴 Return	0.2 ~ 0.7	- 5 ~ 50	10.6VA (AC100/60Hz) 4.6W (DC24V) *				
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453S202C-E1K	8A	1/4										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453S203C-E2K	10A	3/8			홀드 (자석잠금) Hold (Magnet-latched)			5VA (AC100/60Hz) 5W (DC24V) *				
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453S203C-E1K	10A	3/8										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453D202C-E2K	8A	1/4										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453D202C-E1K	8A	1/4										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453D203C-E2K	10A	3/8										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453D203C-E1K	10A	3/8										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453S403C-E2K	10A	3/8	40 (2.2)					리턴 Return		10.6VA (AC100/60Hz) 4.6W (DC24V) *		
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453S403C-E1K	10A	3/8										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453S404C-E2K	15A	1/2						홀드 (자석잠금) Hold (Magnet-latched)			5VA (AC100/60Hz) 5W (DC24V) *	
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453S404C-E1K	15A	1/2										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453D403C-E2K	10A	3/8										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453D403C-E1K	10A	3/8										
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	453D404C-E2K	15A	1/2										
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	453D404C-E1K	15A	1/2										

정격전압: AC100V, 110V, 115V, 200V, 220V(50/60Hz), DC24V, 48V, 100V, 110V, 125V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage, please refer to individual catalog



453D203C-E2K

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Pneumatic Cylinders

Control Valves

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Press-Related Products

Packing System

Control System

NC Regulator System

5포트 솔레노이드 밸브

5-Port Solenoid Valves

Solenoid Valves

Pneumatic Controls

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Control Valves

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Press-Related Products

Packing System

Control System

NC Regulator System

방폭구조 Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (ϕ_{eff}) (mm ²) Effective sectional area	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption			
		JIS B 0203	Rc or NPT (inch)									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454S101C-E11	6A	1/8	10	과일릿형 (스풀밸브방식) Pilot-acting (Spool valve)	리턴 Return	0.15 ~ 0.7	- 5 ~ 60	7.5VA (AC100/60Hz) 4W (DC24V) *			
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454S101C-E01	6A	1/8									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454S102C-E11	8A	1/4									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454S102C-E01	8A	1/4									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454D101C-E11	6A	1/8									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454D101C-E01	6A	1/8									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454D102C-E11	8A	1/4									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454D102C-E01	8A	1/4									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454S202C-E11	8A	1/4	22		리턴 Return						
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454S202C-E01	8A	1/4									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454S203C-E11	10A	3/8									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454S203C-E01	10A	3/8									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454D202C-E11	8A	1/4									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454D202C-E01	8A	1/4									
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	454D203C-E11	10A	3/8									
내압방폭 전선관 접속방식 Explosion-proof type, Conduit tube	454D203C-E01	10A	3/8									

정격전압: AC100V, 110V, 115V, 200V, 220V(50/60Hz), DC24V, 48V, 100V, 110V, 125V
Rated voltage

* 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage, please refer to individual catalog



454S202C-E01

공기압용방직 · 방폭형솔레노이드밸브 **ISO**
Drip-Proof, Explosion-Proof Solenoid Valves

2위치 5포트 솔레노이드 밸브(가스켓 접속형)
2-position 5-Port Solenoid Valves (Gasket-Connection Type)

방직 · 방폭구조 Drip-proof/Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (Cv값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.	피상전력(VA) Apparent power 소비전력(W) Power consumption
		JIS B 0203	Rc or NPT (inch)						
방직형 Drip-proof type	MVS2F-03-E3K	8A	1/4	40 (2.2)	과일릿형 (스풀밸브방식) Pilot-acting (Spool valve)	리턴 Return	0.2 ~ 0.7	- 5 ~ 60	10.6VA (AC100/60Hz) 4.6W (DC24V) *
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS2F-03-E2K	8A	1/4	40 (2.2)					
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVS2F-03-E1K	8A	1/4	40 (2.2)					
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
방직형 Drip-proof type	MVD2F-03-E3K	8A	1/4	40 (2.2)					
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD2F-03-E2K	8A	1/4	40 (2.2)					
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD2F-03-E1K	8A	1/4	40 (2.2)					
		10A	3/8	55 (3.0)					
		15A	1/2	70 (3.8)					
방직형 Drip-proof type	MVS2N-08-E3K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVS2N-08-E2K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVS2N-08-E1K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					
방직형 Drip-proof type	MVD2N-08-E3K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					
내압방폭 · 내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVD2N-08-E2K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVD2N-08-E1K	20A	3/4	175 (9.5)					
		25A	1	185 (10.0)					

정격전압 AC100V, 110V, 115V, 200V, 220V(50/60Hz), DC24V, 48V, 100V, 110V, 125V
Rated voltage

* 주 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



MVS2F-03-E1K

Solenoid Valves

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Press-Related Products

Packing System

Control System

NC Regulator System

공기압용방적·방폭형솔레노이드밸브 ISO
Drip-Proof, Explosion-Proof Solenoid Valves

3위치 5포트 솔레노이드 밸브(가스켓접속형)
3-position 5-Port Solenoid Valves (Gasket-Connection Type)

방적·방폭구조 Drip-proof/Explosion-proof	형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (Cv값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	피상전력 (VA) Apparent power 소비전력 (W) Power consumption			
		JIS B 0203	Rc or NPT (inch)									
방적형 Drip-proof type	MVPCF-03-E3K	8A	1/4	40 (2.2)	파일럿형 (스풀밸브방식) Pilot-acting (Spool valve)	클로즈센터 Closed center	0.2 ~ 0.7	- 5 ~ 60	10.6VA (AC100/60Hz) 24.6W (DC24V) ★			
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPCF-03-E2K	8A	1/4	40 (2.2)						프레서센터 Center open to pressure		
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPCF-03-E1K	8A	1/4	40 (2.2)							이그조스트센터 Center open to exhaust	
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
방적형 Drip-proof type	MVPEF-03-E3K	8A	1/4	40 (2.2)		이그조스트센터 Center open to exhaust						
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPEF-03-E2K	8A	1/4	40 (2.2)						이그조스트센터 Center open to exhaust		
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPEF-03-E31K	8A	1/4	40 (2.2)							이그조스트센터 Center open to exhaust	
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
방적형 Drip-proof type	MVPOF-03-E3K	8A	1/4	40 (2.2)		이그조스트센터 Center open to exhaust						
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPOF-03-E2K	8A	1/4	40 (2.2)						이그조스트센터 Center open to exhaust		
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPOF-03-E1K	8A	1/4	40 (2.2)							이그조스트센터 Center open to exhaust	
		10A	3/8	55 (3.0)								
		15A	1/2	70 (3.8)								
방적형 Drip-proof type	MVPCN-08-E3K	20A	3/4	175 (9.5)		클로즈센터 Closed center	0.12 ~ 0.7	- 20 ~ 60				10.6VA (AC100/60Hz) 24.6W (DC24V) ★
		25A	1	185 (10.0)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPCN-08-E2K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPCN-08-E1K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								
방적형 Drip-proof type	MVPEN-08-E3K	20A	3/4	175 (9.5)						프레서센터 Center open to pressure		
		25A	1	185 (10.0)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPEN-08-E2K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPEN-08-E1K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								
방적형 Drip-proof type	MVPON-08-E3K	20A	3/4	175 (9.5)						이그조스트센터 Center open to exhaust		
		25A	1	185 (10.0)								
내압방폭·내압패킹 방식 Explosion-proof type, Pressure-resistant packing	MVPON-08-E2K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								
내압방폭 전선관 접속방식 Explosion-proof type,Conduit tube	MVPON-08-E1K	20A	3/4	175 (9.5)								
		25A	1	185 (10.0)								

정격전압: AC100V, 110V, 115V, 200V, 220V (50/60Hz), DC24V, 48V, 100V, 110V, 125V
Rated voltage

★ 주: 기타 전압은 개별 카다로그를 참조하십시오.
In the case of other voltage,
please refer to individual catalog



5포트 솔레노이드 밸브(직배관형)

5-Port Solenoid Valves (Direct Piping Type)

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) Effective sectional area	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	정격전압 Rated voltage	소비전력 (W) (DC12V) Power consumption
	JIS B 0203	Rc or NPT (inch)							
454S202F-Yi	8A	1/4	22	파일럿형 (스폴밸브방식) Pilot-acting (Spool valve)	단동형 Single	0.2 ~ 0.7	- 5 ~ 50	본질안전회로 정격 Rated voltage of intrinsic safety circuit DC12V•34mA	0.4W
454S203F-Yi	10A	3/8			복동형 Double				
454D202F-Yi	8A	1/4							
454D203F-Yi	10A	3/8							
454S403F-Yi	10A	3/8	40		단동형 Single				
454S404F-Yi	15A	1/2			복동형 Double				
454D403F-Yi	10A	3/8							
454D404F-Yi	15A	1/2							

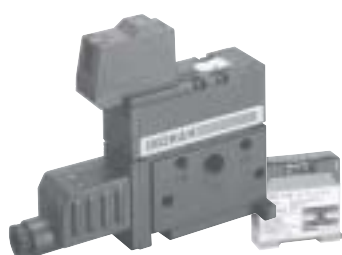
5포트 솔레노이드 밸브(가스켓 접속형)

5-Port Solenoid Valves (Gasket-connection Type)

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (Cv값) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation type	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	정격전압 Rated voltage	소비전력 (W) (DC12V) Power consumption
	JIS B 0203	Rc or NPT (inch)							
414S302F-Yi 414S302F-YAi	8A	1/4	25 (1.4)	파일럿형 (스폴밸브방식) Pilot-acting (Spool valve)	단동형 Single	0.2 ~ 1.0	- 5 ~ 50	본질안전회로 정격 Rated voltage of intrinsic safety circuit DC12V•34mA	0.4W
414S303F-Yi 414S303F-YAi	10A	3/8	30 (1.6)						
414S603F-Yi 414S603F-YAi	10A	3/8	51 (2.8)						
414S604F-Yi 414S604F-YAi	15A	1/2	60 (3.3)						
416S302F-Yi 416S302F-YAi	8A	1/4	24 (1.3)	파일럿형 (세라믹슬라이드방식) Pilot-acting (Ceramic slide valve)		1.2 ~ 0.7	- 10 ~ 60		
416S303F-Yi 416S303F-YAi	10A	3/8	28 (1.5)						
416S603F-Yi 416S603F-YAi	10A	3/8	51 (2.8)						
4416S604F-Yi 416S604F-YAi	15A	1/2	60 (3.3)						



454S202C-Yi



414S302F-Yi

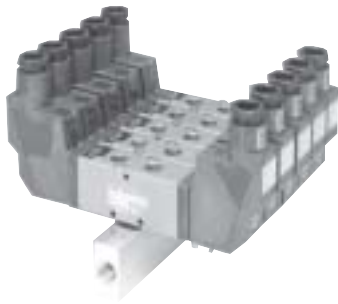


414S302F-YAi

5포트 솔레노이드 밸브(직배관형)

5-Port Solenoid Valves (Direct Piping Type)

형식기호 Model code	배관구경 Port size		메니폴드 방식 Manifold	메니폴드 베이스 배관방식 Port layout	적용단체 솔레노이드 밸브 Applicable valve	최대연결수 Max. No. of valve to be connected		
	JIS B 0203	Rc or NPT (inch)						
454 □ 202F-Yi	8A	1/4	개별배기 Individual exhaust	C	스폴밸브 454S 454D (Spol valve)	20		
454 □ 203F-Yi	10A	3/8						
454 □ 403F-Yi	10A	3/8						
454 □ 404F-Yi	15A	1/2						
454 □ 202F-Yi	8A	1/4	집중배기 Collective exhaust	D				
454 □ 203F-Yi	10A	3/8						
454 □ 403F-Yi	10A	3/8						
454 □ 404F-Yi	15A	1/2						



454D202F-Yi-C05

공기압조작 밸브 **ISO**
Air Operated Valves

2포트 공기압조작 밸브
2-Port Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (<i>O_g</i>) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation system	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.
	JIS B 0203	Rc or NPT (inch)					
AVW12	10A	3/8	30 (1.6)	포펫밸브 Poppet valve	노멀클로즈 Normally closed	0.2 ~ 0.7	- 20 ~ 60
	15A	1/2	49 (2.7)				
	20A	3/4	83 (4.5)				
	25A	1	137 (7.4)				
	32A	1 1/4	350 (19.0)				
	40A	1 1/2	800 (43.4)			0.15 ~ 0.7	
	50A	2					
AVW12R	10A	3/8	30 (1.6)		노멀오픈 Normally open	0.2 ~ 0.7	- 20 ~ 60
	15A	1/2	49 (2.7)				
	20A	3/4	83 (4.5)				
	25A	1	137 (7.4)				
	32A	1 1/4	350 (19.0)				
	40A	1 1/2	800 (43.4)			0.15 ~ 0.7	
	50A	2					



AVW12-20A

공기압조작 밸브 **ISO**
Air Operated Valves

3포트 공기압조작 밸브
3-Port Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (<i>O_g</i>) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation	사용압력 (MPa) Working pressure	주위온도(℃) Ambient temp.		
	JIS B 0203	Rc or NPT (inch)							
AVW5A	32A	1 1/4	350(19.0)	포펫밸브 Poppet valve	노멀클로즈 Normally closed	0.15 ~ 0.7	- 20 ~ 60		
	40A	1 1/2	800(43.4)						
	50A	2							
AVW5AR	32A	1 1/4	350(19.0)		노멀오픈 Normally open			0.2 ~ 0.7	
	40A	1 1/2	800(43.4)						
	50A	2							
AVW7N-04	10A	3/8	70(3.8)		노멀클로즈 Normally closed	0.2 ~ 0.7			
	15A	1/2	80(4.3)						
AVW7N-08	20A	3/4	200(10.9)						노멀오픈 Normally open
	25A	1	220(12.0)						
AVW7N-14	32A	1 1/4	700(38.0)					노멀오픈 Normally open	
	40A	1 1/2	750(40.7)						
	50A	2	800(43.4)						
AVW7NR-04	10A	3/8	70(3.8)		노멀오픈 Normally open				
	15A	1/2	80(4.3)						
AVW7NR-08	20A	3/4	200(10.9)						노멀오픈 Normally open
	25A	1	220(12.0)						
AVW7NR-14	32A	1 1/4	700(38.0)					노멀오픈 Normally open	
	40A	1 1/2	750(40.7)						
	50A	2	800(43.4)						



AVW5A-32A

Solenoid Valves

Pneumatic Controls

Pneumatic Cylinders

Control Valves

Sanitary Valves

Press-Related Products

Packing System

Control System

NC Regulator System

Solenoid Valves

Pneumatic Controls

Pneumatic Cylinders

Control Valves

Sanitary Valves

Press-Related Products

Packing System

Control System

NC Regulator System

공기압조작 밸브

ISO

4/5 포트 단동형 공기압조작 밸브

4/5-Port Single-Acting Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.	
	JIS B 0203	Rc or NPT (inch)						
AVS2	10A	3/8	60 (3.3)	스풀밸브 Spool valve	단동형 Single-acting	0.12 ~ 0.7	- 20 ~ 60	
	15A	1/2	70 (3.8)					
	20A	3/4	150 (8.1)					
	25A	1	165 (8.9)					
AVS120C	32A	1 1/4	250 (13.6)	포맷밸브 Poppet valve		0.2 ~ 0.7		
AVS150C	40A	1 1/2	300 (16.2)					
AVW344N-04	10A	3/8	70 (3.8)					
	15A	1/2	80 (4.3)					
AVW344N-08	20A	3/4	200 (10.8)					
	25A	1	220 (11.9)					
AVW344N-14	32A	1 1/4	700 (37.9)					
	40A	1 1/2	750 (40.7)					
	50A	2	800 (43.4)					

공기압조작 밸브

ISO

5 포트 복동형 공기압조작 밸브

5-Port Double-Acting Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.
	JIS B 0203	Rc or NPT (inch)					
AVD2	10A	3/8	60 (3.3)	스풀밸브 Spool valve	복동형 Double-acting	0.12 ~ 0.7	- 20 ~ 60
	15A	1/2	70 (3.8)				
	20A	3/4	150 (8.1)				
	25A	1	165 (8.9)				

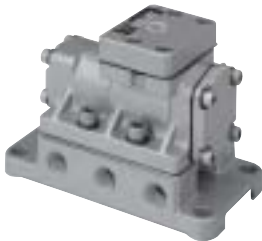
공기압조작밸브

ISO

4 포트 3위치형 공기압조작 밸브

4-Port 3-Position Air Operated Valves

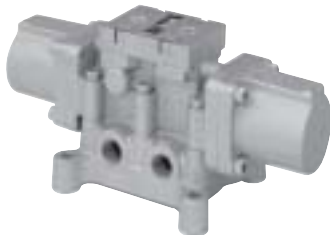
형식기호 Model code	배관구경 Port size		유효단면적 (mm ²) (O _{eff}) Effective sectional area (Cv value)	주밸브의 구조 Structure of the main valve	작동방식 Operation	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.									
	JIS B 0203	Rc or NPT (inch)														
AVPC1	10A	3/8	35 (1.9)	스풀밸브 Spool valve	복동형 클로즈센터 Double-acting Closed center	0.12 ~ 0.7	- 20 ~ 60									
	15A	1/2	60 (3.3)													
	20A	3/4	140 (7.6)													
	25A	1	180 (9.8)													
AVPC2	32A	1 1/4	250 (13.6)													
	40A	1 1/2	350 (19.0)													
AVPO1	10A	3/8	35 (1.9)					복동형 이그조스트센터 Double-acting center open to exhaust								
	15A	1/2	60 (3.3)													
	20A	3/4	140 (7.6)													
	25A	1	180 (9.8)													
AVPO2	32A	1 1/4	250 (13.6)													
	40A	1 1/2	350 (19.0)													
AVPE1	10A	3/8	35 (1.9)								복동형 프레스센터 Double-acting center open to pressure					
	15A	1/2	60 (3.3)													
	20A	3/4	140 (7.6)													
	25A	1	180 (9.8)													
AVPE2	32A	1 1/4	250 (13.6)													
	40A	1 1/2	350 (19.0)													



AVS2-10A



AVS120C-32A



AVPC1-10A

공기압조작 밸브 ISO
Air Operated Valves

5포트 단동형 공기압조작 밸브
5-Port Single-Acting Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (Ov) (mm ²) Effective sectional area	주밸브의 구조 Structure of the main valve	작동방식 Operation system	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.
	JIS B 0203	Rc or NPT (inch)					
AVS2F-03	8A	1/4	40	스풀밸브 Spool valve	리턴 Return	0 ~ 0.8	- 5 ~ 50
	10A	3/8	55				
	15A	1/2	70				
AVS2-08	20A	3/4	175			0 ~ 0.7	- 20 ~ 60
	25A	1	185				

공기압조작 밸브 ISO
Air Operated Valves

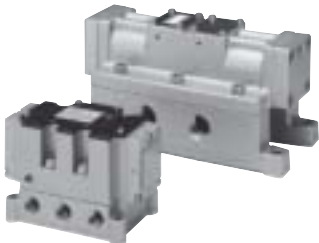
5포트 복동형 공기압조작 밸브
5-Port Double-Acting Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (Ov) (mm ²) Effective sectional area	주밸브의 구조 Structure of the main valve	작동방식 Operation system	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.
	JIS B 0203	Rc or NPT (inch)					
AVD2F-03	8A	1/4	40	스풀밸브 Spool valve	홀드 Hold	0 ~ 0.8	- 5 ~ 50
	10A	3/8	55				
	15A	1/2	70				
AVD2-08	20A	3/4	175			0 ~ 0.7	- 20 ~ 60
	25A	1	185				

공기압조작 밸브 ISO
Air Operated Valves

4/5포트 3위치형 공기압조작 밸브
4/5-Port 3-Position Air Operated Valves

형식기호 Model code	배관구경 Port size		유효단면적 (Ov) (mm ²) Effective sectional area	주밸브의 구조 Structure of the main valve	작동방식 Operation system	사용압력 (MPa) Working pressure	주위온도 (℃) Ambient temp.
	JIS B 0203	Rc or NPT (inch)					
AVPCF-03	8A	1/4	40	스풀밸브 Spool valve	클로즈센터 Closed center	0 ~ 0.8	- 5 ~ 50
	10A	3/8	55				
	15A	1/2	70				
AVPC1-08	20A	3/4	175		0 ~ 0.7	- 20 ~ 60	
	25A	1	185				
AVPOF-03	8A	1/4	40		이그조스트센터 Center open to exhaust	0 ~ 0.8	- 5 ~ 50
	10A	3/8	55				
	15A	1/2	70				
AVPO1-08	20A	3/4	175		0 ~ 0.7	- 20 ~ 60	
	25A	1	185				
AVPEF-03	8A	1/4	40		프레서센터 Center open to pressure	0 ~ 0.8	- 5 ~ 50
	10A	3/8	55				
	15A	1/2	70				
AVPE1-08	20A	3/4	175		0 ~ 0.7	- 20 ~ 60	
	25A	1	185				



AVS2F-03 / AVPC1-08

Solenoid Valves

Pneumatic Controls

Pneumatic Cylinders

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Press-Related Products

Packing System

Control System

NC Regulator System