PFR

Filter Regulator 필터 레귤레이터



특징(Features)

- 포트 G1/8 ~ G1
- 유량 650 ~ 11,000 l/min
- 필터 40 또는 5μm
- 설정압력 0.05 ~ 1.2 MPa

주문코드

PFR - ① - ② - ③ - ④ - ⑤ - ⑥



01	연결구 사이즈
1/8	G1/8
1/4	G1/4
3/8	G3/8
1/2	G1/2
3/4	G3/4
1	G1

02	압력범위
무기호	0.05 ...1.2MPa
7	0.05... 0.7MPa

03	필터 등급
무기호	40 μm
5M	5 μm

04	압력게이지
무기호	포함
0	미포함

05	유량 사이즈
MINI	소 (1/8, 1/4, 3/8)
MIDI	중 (3/8, 1/2, 3/4)
MAXI	대 (3/4, 1)

06	배수타입
무기호	수동
A	자동

PFR: 필터+레귤레이터

모델명	연결구	압력	필터
PFR-1/8-MINI	1/8	0...1.2 MPa	40 μm
PFR-1/4-MINI	1/4	0...1.2 MPa	40 μm
PFR-3/8-MIDI	3/8	0...1.2 MPa	40 μm
PFR-1/2-MIDI	1/2	0...1.2 MPa	40 μm
PFR-3/4-MAXI	3/4	0...1.2 MPa	40 μm
PFR-1-MAXI	1	0...1.2 MPa	40 μm
PFR-1/8-7-MINI	1/8	0...0.7 MPa	40 μm
PFR-1/4-7-MINI	1/4	0...0.7 MPa	40 μm
PFR-3/8-7-MIDI	3/8	0...0.7 MPa	40 μm
PFR-1/2-7-MIDI	1/2	0...0.7 MPa	40 μm
PFR-3/4-7-MAXI	3/4	0...0.7 MPa	40 μm
PFR-1-7-MAXI	1	0...0.7 MPa	40 μm

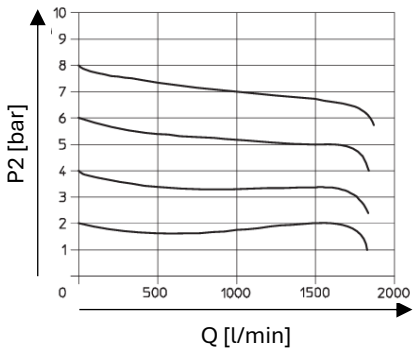
모델명	연결구	압력	필터
PFR-1/8-5M-MINI	1/8	0...1.2 MPa	5 μm
PFR-1/4-5M-MINI	1/4	0...1.2 MPa	5 μm
PFR-3/8-5M-MIDI	3/8	0...1.2 MPa	5 μm
PFR-1/2-5M-MIDI	1/2	0...1.2 MPa	5 μm
PFR-3/4-5M-MAXI	3/4	0...1.2 MPa	5 μm
PFR-1-5M-MAXI	1	0...1.2 MPa	5 μm
PFR-1/8-7-5M-MINI	1/8	0...0.7 MPa	5 μm
PFR-1/4-7-5M-MINI	1/4	0...0.7 MPa	5 μm
PFR-3/8-7-5M-MIDI	3/8	0...0.7 MPa	5 μm
PFR-1/2-7-5M-MIDI	1/2	0...0.7 MPa	5 μm
PFR-3/4-7-5M-MAXI	3/4	0...0.7 MPa	5 μm
PFR-1-7-5M-MAXI	1	0...0.7 MPa	5 μm

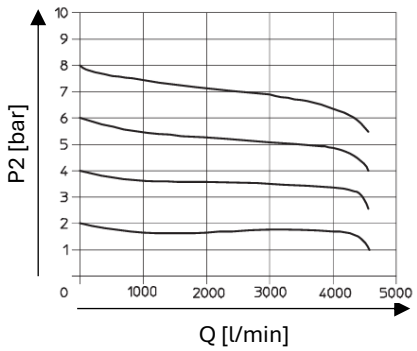
데이터 시트

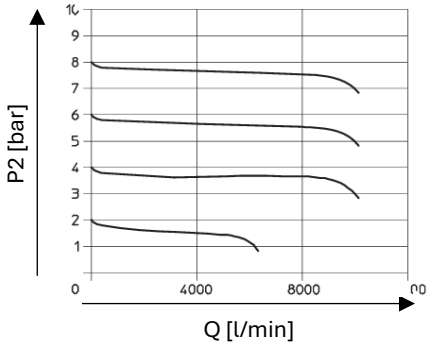
일반 기술 자료									
사이즈		MINI			MIDI			MAXI	
구동 방법		다이아프램식						피스톤식	
연결구 사이즈		G1/8	G1/4	G3/8	G/38	G1/2	G3/4	G3/4	G1
유량 (0.05 ..1.2 MPa)	[l/min]	750	1400	1600	3100	3400	3400	9600	10000
유량 (0.05 ..0.7 MPa)	[l/min]	900	1500	1700	3400	3900	4000	10000	11000
유량 (5µm필터 사용)	[l/min]	650	1200	1350	2400	2500	2600	7600	8000
사용 압력	[MPa]	0.05 ... 1.2 또는 0.05 ...0.7 MPa							
입력 압력 (수동배수)	[MPa]	0.1 ... 1.6 MPa							
입력 압력 (자동배수)	[MPa]	0.15 ... 1.2 MPa							
필터 사양		40µm 또는 5µm							
응축수 용량	[ml]	22			43			80	
설치 방법		수직 방향							

작동 및 환경 조건	
사용매체	압축공기 사용
주변/매체 온도	0 ~ +60°C

재질	
본체	다이케스팅 아연 합금
필터 컵 및 루크리케이터 컵	PC 폴리카보네이트
금속 보호 커버	알루미늄 합금
씰	NBR
조절 손잡이	POM

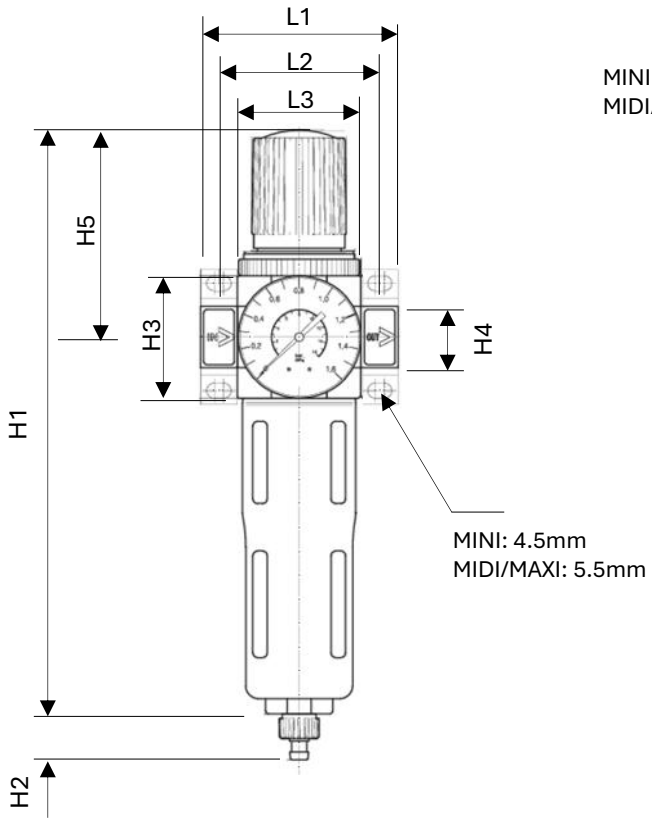


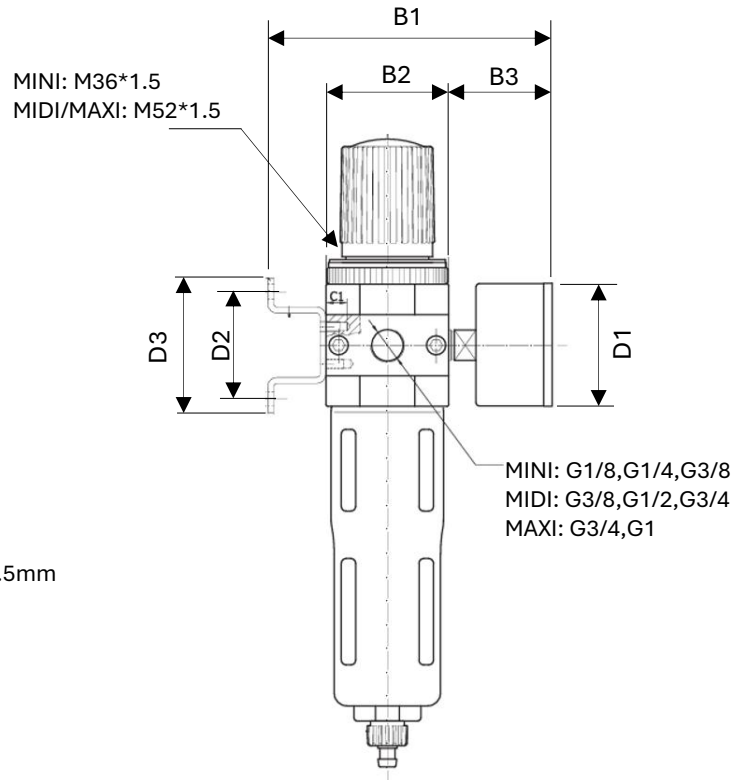




PFR: 필터+레귤레이터



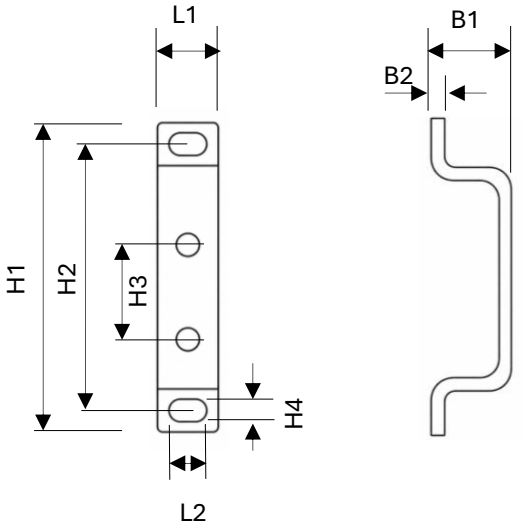




	L1	L2	L3	H1	H2	H3	H4	H5	B1	B2	B3	D1	D2	D3
PFR-MINI	64	52	40	194	15	40	20	69	95	40	36	40	35	44
PFR-MIDI	85	70	55	250	15	55	32	97	112	55	38	52	60	71
PFR-MAXI	96	80	66	252	15	66	32	80	124	66	38	63	60	71

PHC: 브라켓

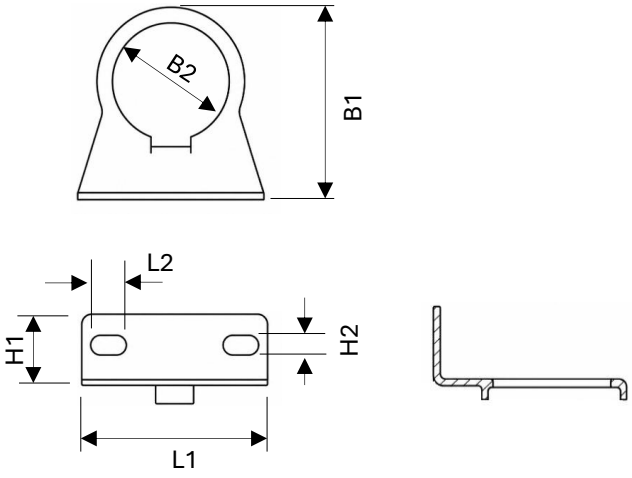




	L1	L2	H1	H2	H3	H4	B1	B2
PHC-MINI	12	7.3	43	35	11	4.3	19	2
PHC-MIDI/MAXI	14	8.3	70	60	22	5.3	19	3

PHO: 브라켓

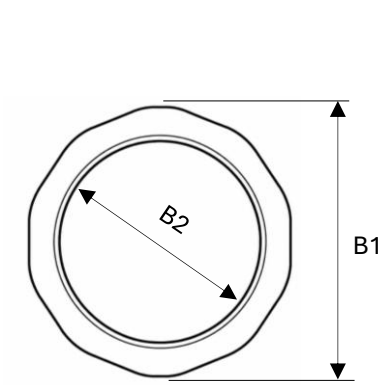




	L1	L2	H1	H2	B1	B2
PHO-MINI	56	10	20	6.5	57.5	36.5
PHO-MIDI/MAXI	70	10.5	27	8.5	77.5	52.5

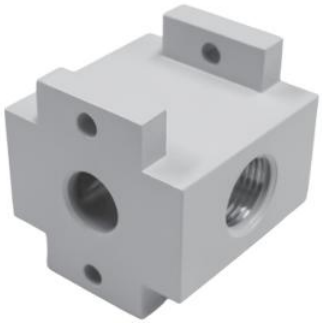
PMR: 브라켓 너트

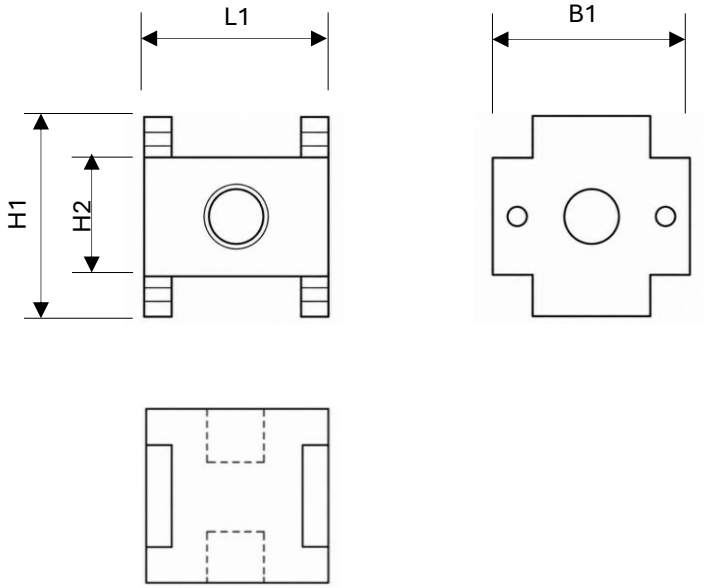




	D1	B1	B2
PMR-MINI	7	44	M36*1.5
PMR-MIDI/MAXI	8	60	M52*1.5

PRM: 분배기





	L1	H1	H2	B1
PRM-MINI	40	40	22	40
PRM-MIDI	55	55	32	55

PMA: 압력 게이지



모델명	연결구	외경	표시
PMA-40-10-1/8	1/8	40	0 ...1.0MPa
PMA-40-16-1/8	1/8	40	0 ...1.6MPa
PMA-50-10-1/4	1/4	50	0 ...1.0MPa
PMA-50-16-1/4	1/4	50	0 ...1.6MPa
PMA-63-10-3/8	3/8	63	0 ...1.0MPa
PMA-63-16-3/8	3/8	63	0 ...1.6MPa

PMA: 압력 센서



모델명	연결구 1	연결구 2	센서
PDP2-000-07	G1/8(숫나사)	M5(암나사)	DI
PDP2-000-02	R1/8(숫나사)	M5(암나사)	DI