

IN-LINE MEDIUM PRESSURE FILTER

FM SERIES

TECHNICAL DATA

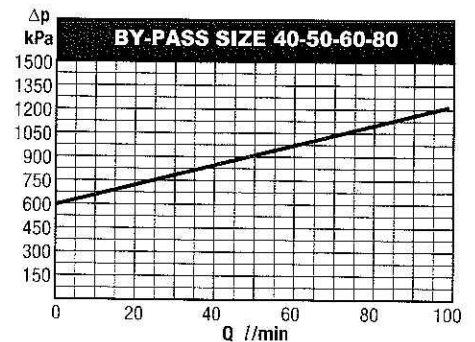
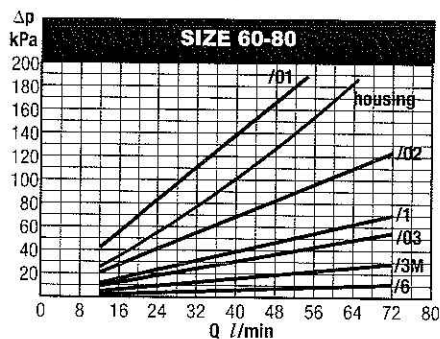
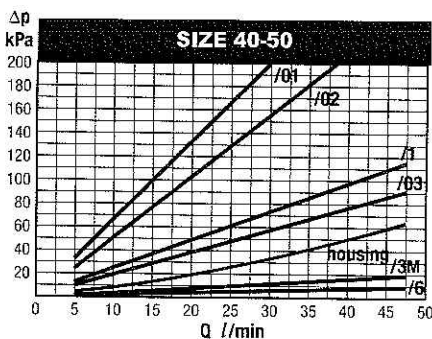
- TEMPERED ALUMINUM FILTER HEAD
- TEMPERED ALUMINUM 용기
- 최대 사용압력 : 12MPa(120Kgf/cm²), 정압테스트 : 18MPa(180Kgf/cm²)
- NFPA T 2.6. 151에 의한 0-8MPa(0-80Kgf/cm²)에서의 2,000,000사이클 피로 압력 테스트
- 바이패스 밸브 설정압 : 600kPa(6Kgf/cm²) - ISO3968
- 바이패스 밸브 없는 필터 필요시 "S"자를 추가하여 주문
- 사용온도 : -20℃ ~ +120℃
- ISO 2943에 의한 유압작동유 사용
- ISO 3968에 의한 유량 및 차압 테스트 40℃, 밀도 0.875Kg/dm³에서 오일 운동 점도 30cSt
- ISO 228/1에 의한 THREADED PORTS
- INDICATOR용 TAP 가공

FILTER ELEMENT

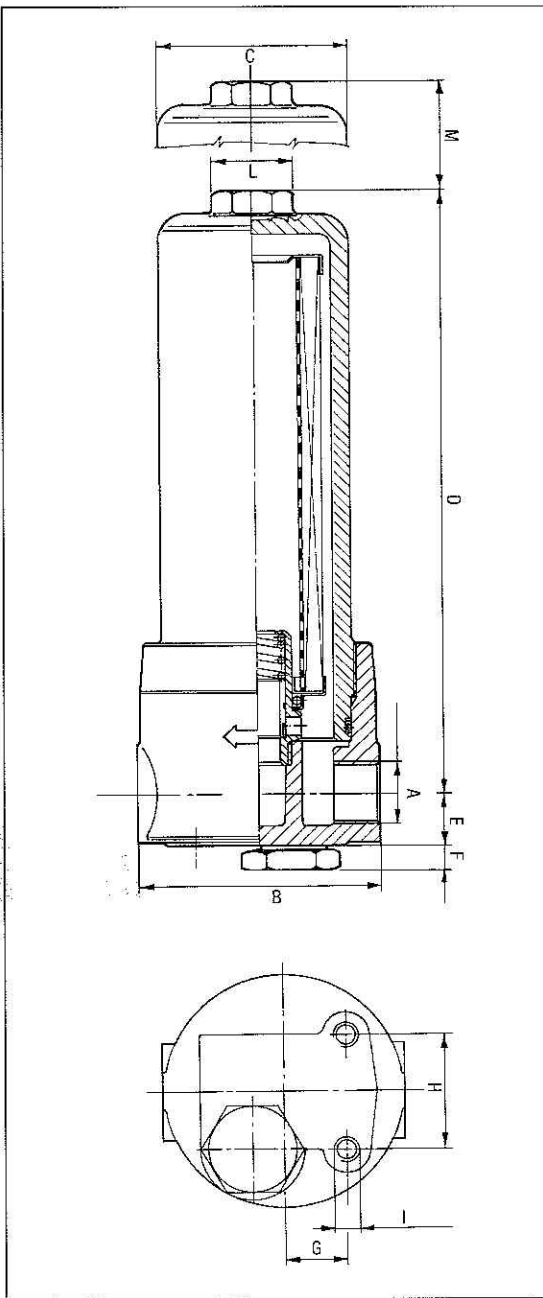
- 5-10-25μm ABSOLUTE, FILTRATION RATING β_x ≥ 75의 SYNTEQ®SYNTHETIC MEDIA
- 일반적인 WIRE MESH 10μm로 강화된 CELLULOSE MEDIA
- WIRE MESH 30-60μm ABSOLUTE
- ISO 2941에 의한 파손 저항 : 2MPa (20Kgf/cm²)
- ISO 3723에 의한 END LOAD RATING
- ISO 3724에 의한 유량 피로 특성
- ISO 2942에 의한 ELEMENT 보호
- ISO 4572에 의한 MULTIPASS-TEST의 FILTRATION 효율

WIRE MESH MEDIA						CELLULOSE MEDIA			SYNTEQ®=SYNTHETIC MEDIA					
/6			/3M			/1			/03			/02		
60 MICRON			30 MICRON			10 MICRON NOM.			25 MICRON ABS.			10 MICRON ABS.		
SIZE	TYPE	ELEMENT	FLOW	TYPE	ELEMENT	FLOW	TYPE	ELEMENT	FLOW	TYPE	ELEMENT	FLOW	TYPE	ELEMENT
Flow /min			l/min			l/min			l/min			l/min		
40	-	-	40	-	-	40	K020081 FM 140/1	P171704 CM 140/1	40	K020080 FM 140/03	P171703 CM 140/03	40	K020079 FM 140/02	P171702 CM 140/02
50	K020083 FM 140/6	P171706 CM 140/6	50	K020082 FM 140/3M	P171705 CM 140/3M	50	-	-	50	-	-	50	-	-
60	-	-	60	-	-	60	K020087 FM 180/1	P171710 CM 180/1	60	K020086 FM 180/03	P171709 CM 180/03	60	K020085 FM 180/02	P171708 CM 180/02
80	K020089 FM 180/6	P171712 CM 180/6	80	K020088 FM 180/3M	P171711 CM 180/3M	80	-	-	80	-	-	80	-	-

성능곡선



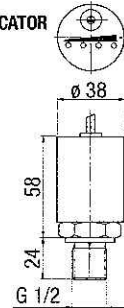
외형치수도



SERVICE INDICATORS

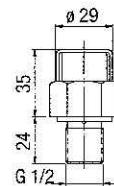
ELECTRONIC DIFFERENTIAL PRESSURE INDICATOR

Measures element restriction and indicates servicing required.
 P171970 (505.06)
 Setting: 500 kPa (5 bar)
 Max. values: 30 DCV - 0,5 A res. - 0,2 A ind.
 Protection class: IP 65



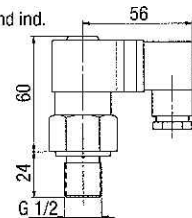
VISUAL DIFFERENTIAL PRESSURE INDICATOR

P171945 (506.06)
 Setting: 500 kPa (5 bar)



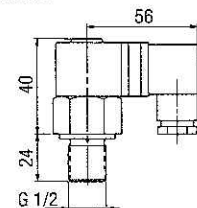
VISUAL ELECTRICAL DIFFERENTIAL PRESSURE INDICATOR

P171947 (507.03)
 P171944 (507.06) with thermostat at min. temperature at 30° C
 Setting: 500 kPa (5 bar)
 Max. values: 250 ACV - 30 DCV - 5 A res. and ind.
 Protection class: IP 65
 Cable clamp: PG 11



ELECTRICAL DIFFERENTIAL PRESSURE INDICATOR

P761056
 Setting: 500 kPa (5 bar)
 Max. values: 250 ACV - 30 DCV - 5 A res. and ind.
 Protection class: IP 65
 Cable clamp: PG 11



DIMENSIONS											
mm											
A	B	C	D	E	F	G	H	I	L	M	Kg.
G 1/2	78	60	146	17	9	20	38	M8	Hex 27	30	5,4
G 1/2	78	60	146	17	9	20	38	M8	Hex 27	30	5,4
G 1/2	78	60	232	17	9	20	38	M8	Hex 27	30	5,4
G 1/2	78	60	232	17	9	20	38	M8	Hex 27	30	5,4

ELEMENT			
mm			
N	O	P	
22,2	43	90	
22,2	43	90	
22,2	43	176	
22,2	43	176	