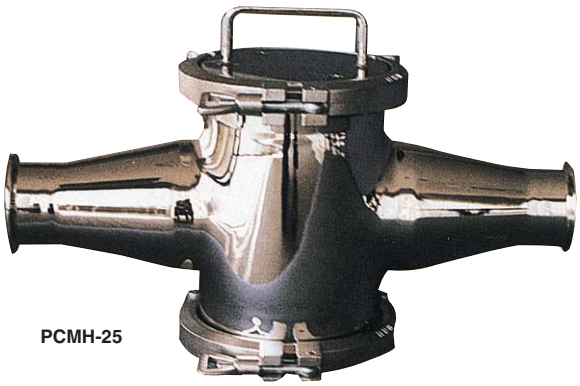
Model PCMH SANITARY TYPE MAGNETIC FILTER FOR VISCOUS LIQUIDS



PCMH-25

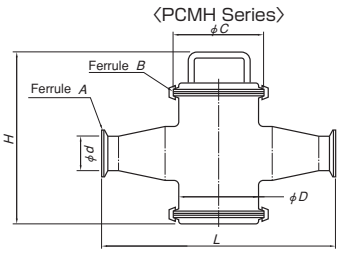
[Application]

This filter is recommended for operations where it is installed between manufacturing processes in plants of viscous foods like pasty juice and chemical products like viscous cosmetic liquids to separate/catch magnetic fine particles.

[Features]

- High grade finish of sanitary specification.
- Capable of withstanding high pressure and high viscosity.
- Models of various sizes available according to sizes of mounting pipes.
- Since permanent magnets of which the strong magnetic force is maintained for almost perpetually are used, the running cost can be reduced significantly.
- Powerful magnetic bars having a surface magnetic flux density of 0.8 T or 1 T or over are built in, that realizes superb performance in collecting iron from passing fluids.
- A heat-resistant powerful version that can maintain a strong magnetic force without significant deterioration when used continuously in fluids up to 150℃ is also available.

〈PCMH Series〉



■Powerful type ／ Heat-resistant powerful type

[mm(in)]

Model		Material	Finish	Working Pressure Limit	Viscosity Upper Limit of Applicable Fluids (Ref)	Magnetic Bar			External Dimensions							Working Temperature Upper Limit	Mass
Powerful type	Heat-resistant powerful type					Material	Pcs Mounted	Surface max. magnetic flux density	A	d	B	C	D	L	H		
PCMH -15	PCMH -T15	SUS 304	#400 buffed	1,000kPa (10kgf/cm²)	1×10⁵mPa·s (1×10⁵cP)	SUS 304	5	0.8T (8000G)	1 1/2S	35.7 (1.41)	4 1/2S	130 (5.11)	114.3 (4.50)	330 (12.9)	240 (9.44)	Powerful type 80℃ (176° F)	10.2kg/22.5 lb
PCMH -20	PCMH -T20								2 S	47.8 (1.88)							11.5kg/25.0 lb
PCMH -25	PCMH -T25						7		2 1/2S	59.5 (2.34)	5 1/2S	155 (6.10)	139.8 (5.50)	420 (16.5)	260 (10.2)		14.5kg/31.9 lb
PCMH -30	PCMH -T30								3 S	72.3 (2.84)							15.8kg/34.8 lb
PCMH -35	PCMH -T35								3 1/2S	85.1 (3.35)							17.2kg/37.9 lb
PCMH2-15	PCMH2-T15			500kPa (5kgf/cm²)	1.5×10⁴mPa·s (1.5×10⁴cP)		5		1 1/2S	35.7 (1.41)	4 1/2S	130 (5.11)	114.3 (4.50)	330 (12.9)	177 (6.96)	Heat-resistant powerful type 150℃ (302° F)	6.5kg/14.3 lb
PCMH2-20	PCMH2-T20								2 S	47.8 (1.88)							
PCMH2-25	PCMH2-T25						7		2 1/2S	59.5 (2.34)	5 1/2S	155 (6.10)	139.8 (5.50)	420 (16.5)	203 (7.99)		11.0kg/24.2 lb
PCMH2-30	PCMH2-T30								3 S	72.3 (2.84)							
PCMH2-35	PCMH2-T35								3 1/2S	85.1 (3.35)							

※A SUS316 version is also available upon request. The standard connection method is by use of ferrules, but a screw type or flange type is also available.

■Super powerful type ／ Heat-resistant super powerful type

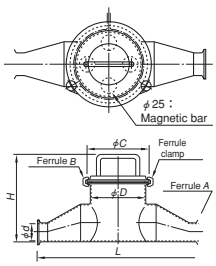
[mm(in)]

Model		Material	Finish	Working Pressure Limit	Viscosity Upper Limit of Applicable Fluids (Ref)	Magnetic Bar			External Dimensions							Working Temperature Upper Limit	Mass
Super powerful type	Heat-resistant super powerful type					Material	Pcs Mounted	Surface max. magnetic flux density	A	d	B	C	D	L	H		
PCMH -A15	PCMH -AT15	SUS 304	#400 buffed	1,000kPa (10kgf/cm²)	1×10⁵mPa·s (1×10⁵cP)	SUS 304	5	1T (10000G)	1 1/2S	35.7 (1.41)	4 1/2S	130 (5.11)	114.3 (4.50)	330 (12.9)	240 (9.44)	Super powerful type 80℃ (176° F)	10.2kg/22.5 lb
PCMH -A20	PCMH -AT20								2 S	47.8 (1.88)							11.5kg/25.0 lb
PCMH -A25	PCMH -AT25						7		2 1/2S	59.5 (2.34)	5 1/2S	155 (6.10)	139.8 (5.50)	420 (16.5)	260 (10.2)		14.5kg/31.9 lb
PCMH -A30	PCMH -AT30								3 S	72.3 (2.84)							15.8kg/34.8 lb
PCMH -A35	PCMH -AT35								3 1/2S	85.1 (3.35)							17.2kg/37.9 lb
PCMH2-A15	PCMH2-AT15			500kPa (5kgf/cm²)	1.5×10⁴mPa·s (1.5×10⁴cP)		5		1 1/2S	35.7 (1.41)	4 1/2S	130 (5.11)	114.3 (4.50)	330 (12.9)	177 (6.96)	Heat-resistant super powerful type 150℃ (302° F)	6.5kg/14.3 lb
PCMH2-A20	PCMH2-AT20								2 S	47.8 (1.88)							
PCMH2-A25	PCMH2-AT25						7		2 1/2S	59.5 (2.34)	5 1/2S	155 (6.10)	139.8 (5.50)	420 (16.5)	203 (7.99)		11.0kg/24.2 lb
PCMH2-A30	PCMH2-AT30								3 S	72.3 (2.84)							
PCMH2-A35	PCMH2-AT35								3 1/2S	85.1 (3.35)							

※A SUS316 version is also available upon request. The standard connection method is by use of ferrules, but a screw type or flange type is also available.

Model PCMH2-E SANITARY TYPE MAGNETIC FILTER FOR VISCOUS LIQUIDS

PCMH2-E20



[Application]

Since these filters have been made by welding all around, they are suitable for food processing operations; in particular, most suitable for operations where growth of bacteria is not allowed.

[Features]

- The magnetic bar imbedded part has been welded all around and buffed for clean operations.
- A super powerful type and heat-resistant type are also available.

[mm(in)]

Model	Material	Finish	Working Pressure Limit	Viscosity Upper Limit of Applicable Fluids (Ref)	Magnetic Bar			External Dimensions								Working Temperature Upper Limit	Mass
					Material	Pcs Mounted	Surface max. magnetic flux density	A	d	B	C	D	L	H			
PCMH2-E15	SUS 304	#400 buffed	500kPa (5kgf/cm²)	1.5×10⁴mPa·s (1.5×10⁴cP)	SUS 304	4	0.8T (8000G)	1 1/2S	35.7 (1.41)	4 1/2S	130 (5.11)	114.3 (4.50)	330 (12.9)	177 (6.96)		80℃ (176° F)	6.5kg/14.3 lb
PCMH2-E20								2 S	47.8 (1.88)								
PCMH2-E25						5		2 1/2S	59.5 (2.34)	5 1/2S	155 (6.10)	139.8 (5.50)	420 (16.5)	203 (7.99)			11kg/24.2 lb
PCMH2-E30								3 S	72.3 (2.84)								
PCMH2-E35								3 1/2S	85.1 (3.35)								

※A SUS316 version is also available upon request. The standard connection method is by use of ferrules, but a screw type or flange type is also available.