

Section 8

Centrifugal Chemical Pumps

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FLUIMAC Mini Compass

Chemical Pumps

Standard Features:

- Magnetically Coupled
- Low Noise
- Low Energy Use
- Liquid Temperature: PP-0-60°C, PVDF-0-90°C
- Single Phase, 230VAC, IP54
- No Metal Shaft or Mechanical Seal
- Maximum Viscosity 20cPs
- 12 Month Warranty*



Principal of Operation

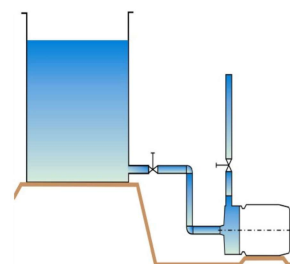
The drive magnet is located outside of the sealed pump casing and is driven by the motor. This drives the magnetic impellor inside the casing. In this way, the traditional shaft seal and consequent leakage problems are eliminated.

Sizes:

Model	Max Head m	Max Capacity l/m	Head	Seal	Power Watts	Connections
MC10 PD	1.5	10	PP	EPDM	6	14mm hose tail
MC10 KV	1.5	10	PVDF	VITON	6	14mm hose tail
MC20 PD	3	24	PP	EPDM	20	3/4 BSP
MC20 KV	3	24	PVDF	VITON	20	3/4 BSP
MC30 PD	3.8	34	PP	EPDM	45	3/4 BSP
MC30 KV	3.8	34	PVDF	VITON	45	3/4 BSP
MC30H PD	8	16	PP	EPDM	45	3/4 BSP
MC30H KV	8	16	PVDF	VITON	45	3/4 BSP
MC40 PD	5.8	45	PP	EPDM	65	3/4 BSP
MC40 KV	5.8	45	PVDF	VITON	65	3/4 BSP

Typical Applications:

Water treatment, ice making machines, beverage vending machines, corrosive chemical solutions, sea water, pure water (demineralised water), preservatives, horticultural applications, dyeing & etching, electroplating, de-scaling and toxic liquids.



Pumps Cannot Run Dry

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FLUIMAC Compass

CM4 - CM6 Chemical Pumps

Standard Features:

- Magnetically Coupled Centrifugal Pumps
- Standard IEC Motors
- No Metal Shaft or Mechanical Seal
- 12 Month Warranty*

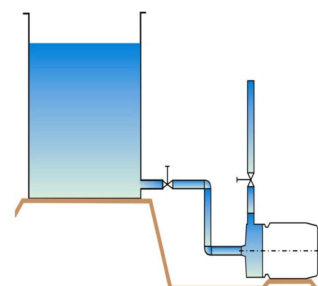


Sizes:

Model	Max Head m	Max Capacity l/m	Head Material	Seal Material	Viscosity cPs (max)	Motor Power kW	Connections Inlet / Outlet Inch BSP
CM04 PD 58	4	45	PP	EPDM	100	0.12	1 / 1/2
CM04 KV 58	4	45	PVDF	VITON	100	0.12	1 / 1/2
CM04 PD 68	5.5	54	PP	EPDM	100	0.12	1 / 1/2
CM04 KV 68	5.5	54	PVDF	VITON	100	0.12	1 / 1/2
CM04 PD 78	7.5	58	PP	EPDM	100	0.12	1 / 1/2
CM04 KV 78	7.5	58	PVDF	VITON	100	0.12	1 / 1/2
CM06 PD 65	4.9	83	PP	EPDM	150	0.25 / 0.37	1 / 3/4
CM06 KV 65	4.9	83	PVDF	VITON	150	0.25 / 0.37	1 / 3/4
CM06 PD 70	6.7	98	PP	EPDM	150	0.25 / 0.37	1 / 3/4
CM06 KV 70	6.7	98	PVDF	VITON	150	0.25 / 0.37	1 / 3/4
CM06 PD 81	8.5	108	PP	EPDM	150	0.25 / 0.37	1 / 3/4
CM06 KV 81	8.5	108	PVDF	VITON	150	0.25 / 0.37	1 / 3/4

Typical Applications:

Water treatment, chemical solutions, CIP systems, sea water, pure water (demineralised water), preservatives, horticultural applications, dyeing & etching, electroplating, de-scaling, product washing and toxic liquids.



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FLUIMAC Compass

CM10 - CM15 Chemical Pumps

Standard Features:

- Magnetically Coupled Centrifugal Pumps
- Standard IEC Motors
- No Metal Shaft or Mechanical Seal
- Maximum
- 12 Month Warranty*

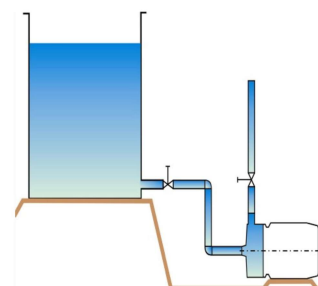


Sizes:

Model	Max Head m	Max Capacity l/m	Head Material	Seal Material	Viscosity cPs (max)	Motor Power kW	Connections Inlet / Outlet Inch BSP
CM10 PD 70	6	141	PP	EPDM	200	0.55 / 0.75	1-1/2 / 1
CM10 KV 70	6	141	PVDF	VITON	200	0.55 / 0.75	1-1/2 / 1
CM10 PD 85	10	183	PP	EPDM	200	0.55 / 0.75	1-1/2 / 1
CM10 KV 85	10	183	PVDF	VITON	200	0.55 / 0.75	1-1/2 / 1
CM10 PD 98	13.5	216	PP	EPDM	200	0.55 / 0.75	1-1/2 / 1
CM10 KV 98	13.5	216	PVDF	VITON	200	0.55 / 0.75	1-1/2 / 1
CM15 PD 90	10	283	PP	EPDM	200	1.1 / 1.5	2 / 1-1/4
CM15 KV 90	10	283	PVDF	VITON	200	1.1 / 1.5	2 / 1-1/4
CM15 PD 108	15	350	PP	EPDM	200	1.1 / 1.5	2 / 1-1/4
CM15 KV 108	15	350	PVDF	VITON	200	1.1 / 1.5	2 / 1-1/4
CM15 PD 123	19	400	PP	EPDM	200	1.1 / 1.5	2 / 1-1/4
CM15 KV 123	19	400	PVDF	VITON	200	1.1 / 1.5	2 / 1-1/4

Typical Applications:

Water treatment, chemical solutions, CIP systems, sea water, pure water (demineralised water), preservatives, horticultural applications, dyeing & etching, electroplating, de-scaling, product washing and toxic liquids.



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Centrifugal Chemical Pumps

FLUIMAC Compass

CM30 Chemical Pumps

Standard Features:

- Magnetically Coupled Centrifugal Pumps
- Standard IEC Motors
- No Metal Shaft or Mechanical Seal
- Maximum
- 12 Month Warranty*

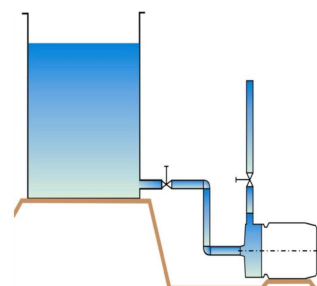


Sizes:

Model	Max Head m	Max Capacity l/m	Head Material	Seal Material	Viscosity cPs (max)	Motor Power kW	Connections Inlet / Outlet Inch BSP
CM30 PD 110	15.5	516	PP	EPDM	200	2.2 / 3	2 / 1-1/2
CM30 KV 110	15.5	516	PVDF	VITON	200	2.2 / 3	2 / 1-1/2
CM30 PD 122	20	550	PP	EPDM	200	2.2 / 3	2 / 1-1/2
CM30 KV 122	20	550	PVDF	VITON	200	2.2 / 3	2 / 1-1/2
CM30 PD 134	24	583	PP	EPDM	200	2.2 / 3	2 / 1-1/2
CM30 KV 134	24	583	PVDF	VITON	200	2.2 / 3	2 / 1-1/2

Typical Applications:

Water treatment, chemical solutions, CIP systems, sea water, pure water (demineralised water), preservatives, horticultural applications, dyeing & etching, electroplating, de-scaling, product washing and toxic liquids.



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FLUIMAC Chemical Pumps

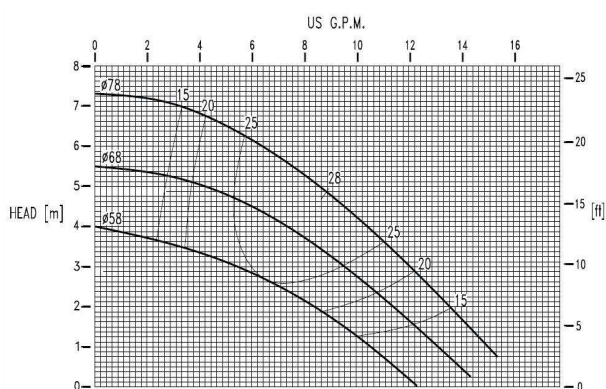
Larger Pumps Available On Request



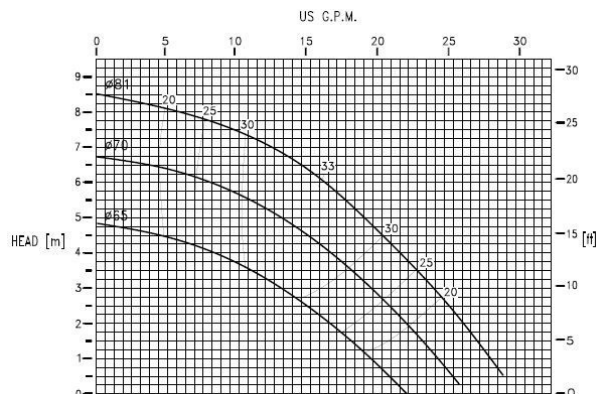
FLUIMAC Chemical Pump Curves

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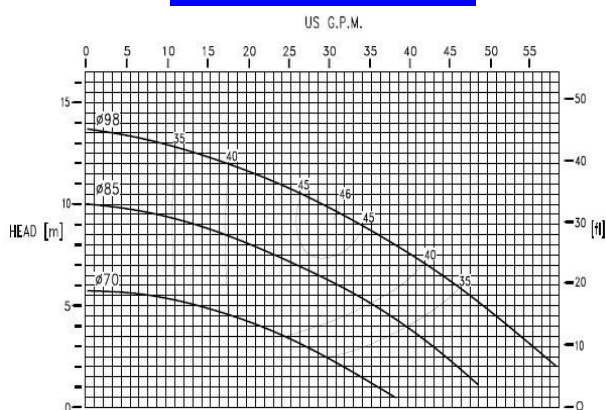
CM4 Curve



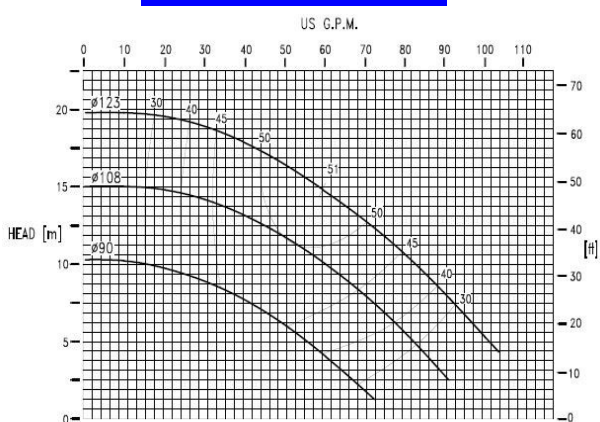
CM6 Curve



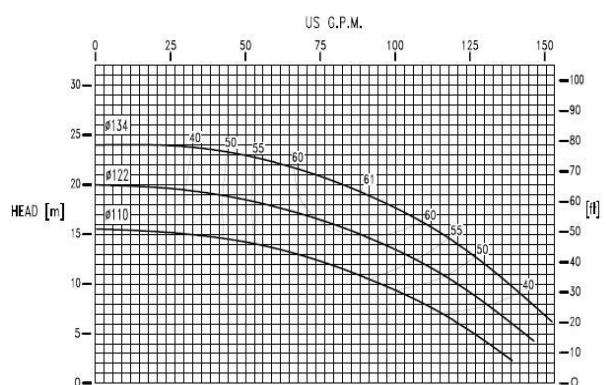
CM10 Curve



CM15 Curve



CM30 Curve





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