



META GREENTECH

Datablad

Blue White Industries

Chem-Pro® membranpumper



ProSeries-M
by Blue-White Ind.

MC2 og MC3 membranpumper

- Kapasitet opp til 62,5 l/t (MC-2) og 154 l/t (MC-3) mot maks 12 bar.
- Motordrevet membranpumpe gir jevn og rolig kjemisk dosering. Ingen harde pulser som på magnetdrevne pumper.
- 4-20 mA input og output.
- Fult slag hver gang så du unngår damplås.
- DC-motor med variabel hastighet.
- Konstruert for kontinuerlig drift (24X7).
- PVDF / keramiske pumpehodekomponenter.
- Membranfeil deteksjonssystem (DFD). Sanser membranfeil ved å oppdage kjemikalier i pumpehodet.



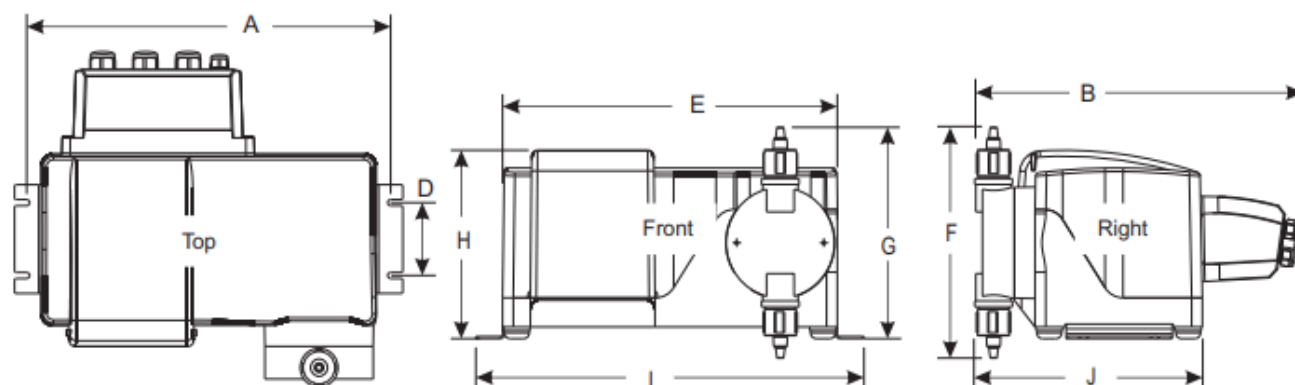


META GREENTECH

CHEM-PRO® ProSeries-M® Diaphragm Metering Pumps

Engineering and Technical Data

Dimensions:



MC-2 Dimensions			MC-3 Dimensions		
Dim	Inches	cm	Dim	Inches	cm
A	14.1"	32.5	A	14.1"	35.8
B	11.5"	29.2	B	12"	30.5
D	2.5"	6.4	D	2.5"	6.4
E	13.1"	29.9	E	13.1"	33.2
F	7.9"	20.1	F	9"	22.9
G	7.3"	18.4	G	7.8"	19.8
H	6.5"	16.4	H	6.5"	16.4
I	15"	34.6	I	15"	38
J	8"	20.3	J	8"	20.3

Spekifikasjoner

Maksimalt arbeidstrykk 12 bar

Maksimal væsketemperatur 54°C

Maks viskositet 1,000 cp

Maksimalt løft 4,5 meter

Omgivelsestemperatur -10 - 46°C

Spenning 220VAC/50Hz, 1ph (1.0 Amp max)

Motor Børster DC 1/8 HP

Styring 0,5-100% i 0,1% steg.

Kabinett NEMA 4X (IP66)

Mål: 241 B x 152 H x 232 D mm.

Vekt 10,9 kg MC-2 og 13,1 kg MC-3

Konstruksjon

Kontakt med væske:

Pumpehode PVDF

Membran PVDF, Flex-A-Prene

Ikke kontakt med væske:

Kabinett 413 Aluminium (pulverbelagt polyester)

Pumpehode: 316 SS.

DFD System Hastelloy C-276



Engineering and Technical Data

Output Specifications:

MC-2 Diaphragm Metering Pump

166 Strokes per minute

Feed Rate Range at 0 PSig			Max Pressure	Connection Type	MC-2 Model Numbers		
GPH	LPH	ML/MIN	PSig (bar)	Size / Type	115V60 AC	230V60 AC	220V50 AC
.01 - 2.3	.05 - 9.0	0.8 - 150	150 (10)	1/2" Male NPT	MC-2245XV3	MC-2255XV3	MC-2265XV3
.01 - 2.3	.05 - 9.0	0.8 - 150	150 (10)	1/2" Female /NPT	MC-2245XV4	MC-2255XV4	MC-2265XV4
.01 - 2.3	.05 - 9.0	0.8 - 150	150 (10)	3/4"OD x 1/2"ID TUBE	MC-2245XV1	MC-2255XV1	MC-2265XV1
.01 - 2.3	.05 - 9.0	0.8 - 150	150 (10)	3/8"OD x 1/4"ID TUBE	MC-2245XV2	MC-2255XV2	MC-2265XV2
.02 - 4.0	.08 - 15.0	1.3 - 250	150 (10)	1/2" Male NPT	MC-2246XV3	MC-2256XV3	MC-2266XV3
.02 - 4.0	.08 - 15.0	1.3 - 250	150 (10)	1/2" Female NPT	MC-2246XV4	MC-2256XV4	MC-2266XV4
.02 - 4.0	.08 - 15.0	1.3 - 250	150 (10)	3/4"OD x 1/2"ID TUBE	MC-2246XV1	MC-2256XV1	MC-2266XV1
.02 - 4.0	.08 - 15.0	1.3 - 250	150 (10)	3/8"OD x 1/4"ID TUBE	MC-2246XV2	MC-2256XV2	MC-2266XV2
.03 - 6.7	.13 - 25.4	2.1 - 423	175 (12)	1/2" Male NPT	MC-2243XV3	MC-2253XV3	MC-2263XV3
.03 - 6.7	.13 - 25.4	2.1 - 423	175 (12)	1/2" Female /NPT	MC-2243XV4	MC-2253XV4	MC-2263XV4
.03 - 6.7	.13 - 25.4	2.1 - 423	175 (12)	3/4"OD x 1/2"ID TUBE	MC-2243XV1	MC-2253XV1	MC-2263XV1
.03 - 6.7	.13 - 25.4	2.1 - 423	175 (12)	3/8"OD x 1/4"ID TUBE	MC-2243XV2	MC-2253XV2	MC-2263XV2
.05 - 10	.19 - 38	3.2 - 631	175 (12)	1/2" Male NPT	MC-2241XV3	MC-2251XV3	MC-2261XV3
.05 - 10	.19 - 38	3.2 - 631	175 (12)	1/2" Female /NPT	MC-2241XV4	MC-2251XV4	MC-2261XV4
.05 - 10	.19 - 38	3.2 - 631	175 (12)	3/4"OD x 1/2"ID TUBE	MC-2241XV1	MC-2251XV1	MC-2261XV1
.05 - 10	.19 - 38	3.2 - 631	175 (12)	3/8"OD x 1/4"ID TUBE	MC-2241XV2	MC-2251XV2	MC-2261XV2
.08 - 16.5	.31 - 62.5	8.25 - 1041	175 (12)	1/2" Male NPT	MC-2242XV3	MC-2252XV3	MC-2262XV3
.08 - 16.5	.31 - 62.5	8.25 - 1041	175 (12)	1/2" Female /NPT	MC-2242XV4	MC-2252XV4	MC-2262XV4
.08 - 16.5	.31 - 62.5	8.25 - 1041	175 (12)	3/4"OD x 1/2"ID TUBE	MC-2242XV1	MC-2252XV1	MC-2262XV1
.08 - 16.5	.31 - 62.5	8.25 - 1041	175 (12)	3/8"OD x 1/4"ID TUBE	MC-2242XV2	MC-2252XV2	MC-2262XV2

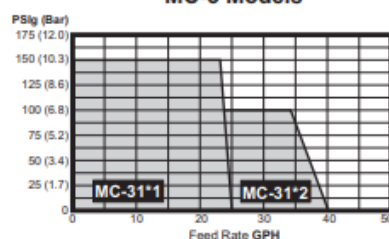
MC-3 Diaphragm Metering Pump

130 Strokes per minute

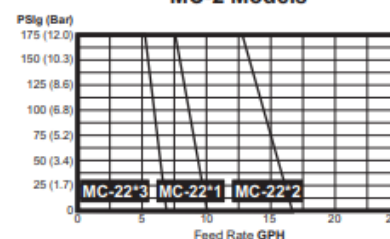
Feed Rate Range at 0 PSig			Max Pressure	Connection Type	MC-3 Model Numbers		
GPH	LPH	ML/MIN	PSig (bar)	Size / Type	115V60 AC	230V60 AC	220V50 AC
.13 - 26.2	.5 - 99	8.3 - 1650	150 (10.3)	1/2" Male NPT	MC-3141XV3	MC-3151XV3	MC-3161XV3
.13 - 26.2	.5 - 99	8.3 - 1650	150 (10.3)	1/2" Female /NPT	MC-3141XV4	MC-3151XV4	MC-3161XV4
.13 - 26.2	.5 - 99	8.3 - 1650	150 (10.3)	3/4"OD x 1/2"ID TUBE	MC-3141XV1	MC-3151XV1	MC-3161XV1
.20 - 40.6	.77 - 154	12.8 - 2560	100 (6.8)	1/2" Male NPT	MC-3142XV3	MC-3152XV3	MC-3162XV3
.20 - 40.6	.77 - 154	12.8 - 2560	100 (6.8)	1/2" Female NPT	MC-3142XV4	MC-3152XV4	MC-3162XV4
.20 - 40.6	.77 - 154	12.8 - 2560	100 (6.8)	3/4"OD x 1/2"ID TUBE	MC-3142XV1	MC-3152XV1	MC-3162XV1

Output Curves:

MC-3 Models



MC-2 Models



MC-2 Micro-Feed

