

ML Frame

“A range of pumps designed to be directly interchangeable with traditional pin joint style pumps”.

Typical Applications

Capacity	up to 380 gpm	<ul style="list-style-type: none"> • Sludges and lime slurry • Mineral processing • Industrial chemicals, detergents, pastes and gels • Crude oil, waste oil, oily/water separations • Fruit slurries, sauces, starches • Coating slurry, starch and clays • Mine water
Pressure	up to 225 psi	
Temperature	14°F up to 350°F	

Easy maintenance

Simple pin type universal joint drive assembly for easy on-site maintenance.

Materials of construction

Available in cast iron or stainless steel housings, with a choice of rotor and stator materials to suit individual applications e.g. tool steel rotor or natural rubber stator.

Low running speeds

Reduced wear for a longer working pump life which extends the periods between routine maintenance. Think of the savings that could be realized on abrasive applications.

Gentle pumping action

Minimizes shear and crush damage to the pumped product, whilst maintaining a steady flow when pumping products with a high solids content.

Up to 28ft suction lift

Deep sumps can be easily emptied without the use of submersible equipment.

High pressure / long haul pumping

Can offer considerable project cost savings by utilizing small bore pipework and eliminating the need for a series of pumps, when pumping over long distances or with high head requirements.

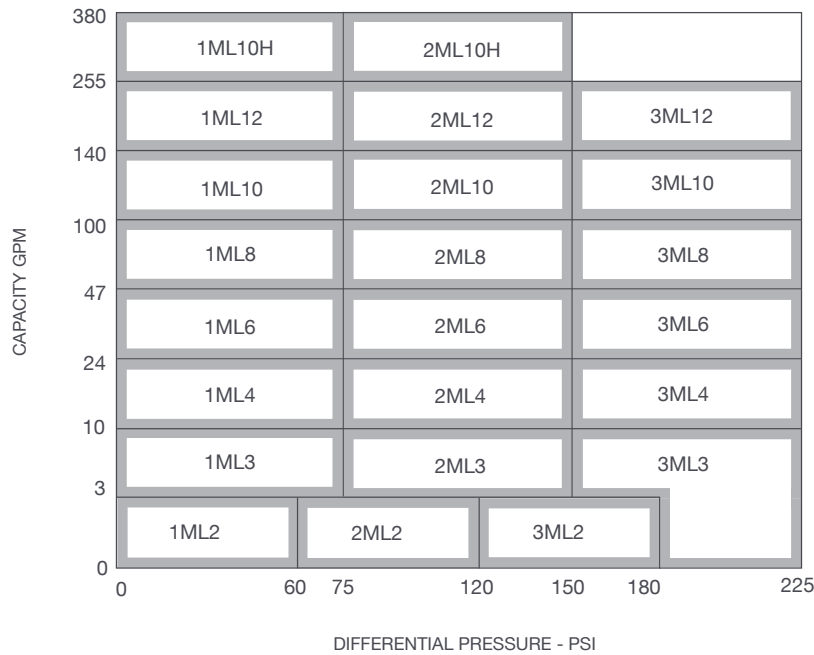
Versatile

Can be run in either direction.

Monoflo® 

One Company, Unlimited Solutions

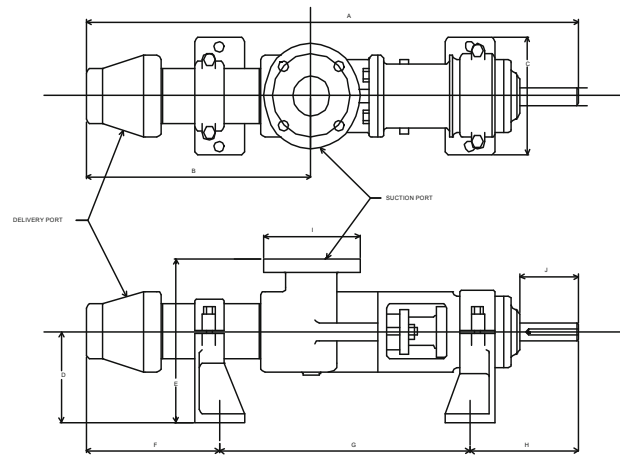
Performance Data



For guidance in selecting a pump please contact Monoflo.

Dimensions

MODEL	A	B	C	D	E	F	G	H	I	J	Suction	Discharge
1ML2	17	7 ⁹ / ₁₆	4	3 ¹ / ₄	5 ⁷ / ₈	4 ¹ / ₄	8 ¹ / ₂	4 ¹ / ₄	4 ¹ / ₄	1 ¹ / ₂	1	3 ³ / ₄
2ML2	20 ¹ / ₂	10	4	3 ¹ / ₄	5 ⁷ / ₈	5 ³ / ₄	10 ¹ / ₂	4 ¹ / ₄	4 ¹ / ₄	1 ¹ / ₂	1	3 ³ / ₄
3ML2	24 ¹ / ₁₆	14 ¹ / ₁₆	4	3 ¹ / ₄	5 ⁷ / ₈	7 ¹³ / ₁₆	12	4 ¹ / ₄	4 ¹ / ₄	1 ¹ / ₂	1	3 ³ / ₄
1ML3	22 ¹ / ₄	10	5	4	7 ⁹ / ₁₆	5 ⁹ / ₁₆	11 ¹ / ₂	5 ¹¹ / ₁₆	5	2	1 ¹ / ₂	1 ¹ / ₄
2ML3	28 ¹ / ₁₆	15 ¹ / ₁₆	5	4	7 ⁹ / ₁₆	9	13	5 ¹¹ / ₁₆	5	2	1 ¹ / ₂	1 ¹ / ₄
3ML3	33	20 ³ / ₄	5	4	7 ⁹ / ₁₆	11 ³ / ₁₆	16 ¹ / ₂	5 ¹¹ / ₁₆	5	2	1 ¹ / ₂	1 ¹ / ₄
1ML4	30	13	7	5 ¹ / ₂	9	7 ¹ / ₄	15 ¹ / ₄	7	7	3	2 ¹ / ₂	2
2ML4	37	20 ¹ / ₄	7	5 ¹ / ₂	9	8	22	7	7	3	2 ¹ / ₂	2
3ML4	44 ¹ / ₄	27	7	5 ¹ / ₂	9	14 ¹ / ₂	22 ³ / ₄	7	7	3	2 ¹ / ₂	2
1ML6	39	17 ⁷ / ₁₆	8	6 ¹ / ₄	11 ¹ / ₄	10 ¹ / ₁₆	20	8 ⁹ / ₁₆	7 ¹ / ₂	4 ³ / ₈	3	2 ¹ / ₂
2ML6	49 ¹ / ₄	28 ⁷ / ₁₆	8	6 ¹ / ₄	11 ¹ / ₄	15 ³ / ₄	26	8 ⁹ / ₁₆	7 ¹ / ₂	4 ³ / ₈	3	2 ¹ / ₂
3ML6	60 ³ / ₁₆	39 ¹ / ₁₆	8	6 ¹ / ₄	11 ¹ / ₄	13 ⁹ / ₁₆	20	8 ⁹ / ₁₆	7 ¹ / ₂	4 ³ / ₈	3	2 ¹ / ₂
1ML8	46	20 ⁹ / ₁₆	11 ¹ / ₂	8	14	9 ³ / ₄	27	9 ¹ / ₄	9	4 ⁹ / ₁₆	4	4
2ML8	58 ⁹ / ₈	32	11 ¹ / ₂	8	14	17	32	9 ¹ / ₄	9	4 ⁹ / ₁₆	4	4
3ML8	70 ¹³ / ₁₆	45	11 ¹ / ₂	8	14	12 ⁹ / ₁₆	25	9 ¹ / ₄	9	4 ⁹ / ₁₆	4	4
1ML10	53	21	11 ¹ / ₂	9 ³ / ₄	16 ¹¹ / ₁₆	9	30	13 ¹ / ₂	11	5 ³ / ₈	6	5
2ML10	63 ¹ / ₂	32 ¹ / ₄	11 ¹ / ₂	9 ³ / ₄	16 ¹¹ / ₁₆	14 ¹ / ₂	35 ¹ / ₂	13 ¹ / ₂	11	5 ³ / ₈	6	5
3ML10	73	42	11 ¹ / ₂	9 ³ / ₄	16 ¹¹ / ₁₆	12 ³ / ₈	30	13 ¹ / ₂	11	5 ³ / ₈	6	5
1ML10H	58 ¹ / ₂	27 ¹ / ₄	11 ¹ / ₂	9 ³ / ₄	16 ¹¹ / ₁₆	15	30	13 ¹ / ₂	11	5 ³ / ₈	6	5
2ML10H	73	42	11 ¹ / ₂	9 ³ / ₄	16 ¹¹ / ₁₆	12 ³ / ₈	30	13 ¹ / ₂	11	5 ³ / ₈	6	5
1ML12	70	31	14 ¹ / ₂	12 ¹ / ₂	21	14 ¹ / ₂	37 ¹ / ₂	18	13 ¹ / ₂	6	8	6
2ML12	85 ¹ / ₂	46 ¹ / ₂	14 ¹ / ₂	12 ¹ / ₂	21	12	35	18	13 ¹ / ₂	6	8	6
3ML12	101	62	14 ¹ / ₂	12 ¹ / ₂	21	14	42	18	13 ¹ / ₂	6	8	6
1ML12H	77 ³ / ₄	38 ³ / ₄	14 ¹ / ₂	12 ¹ / ₂	21	17 ¹ / ₄	42	18	13 ¹ / ₂	6	8	6
2ML12H	101	62	14 ¹ / ₂	12 ¹ / ₂	21	14	42	18	13 ¹ / ₂	6	8	6



All dimensions in inches and for guidance only.
Flanges to ANSI B16.1, B16.5 and NPT pipe thread.

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Literature reference: MFI-ML Flyer
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