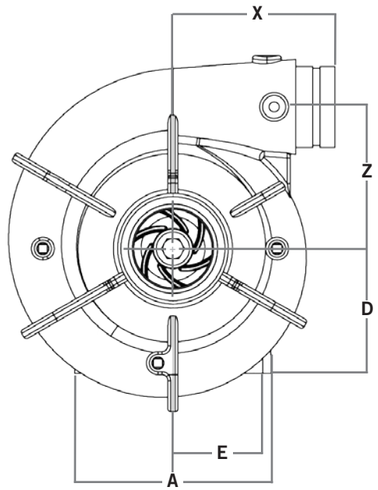
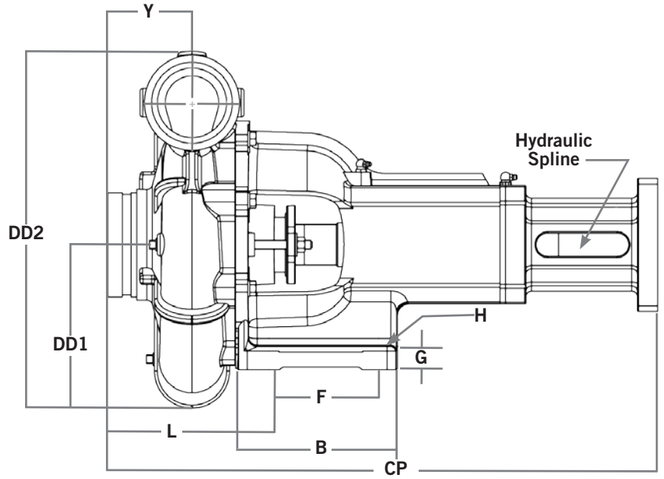
Dimensions

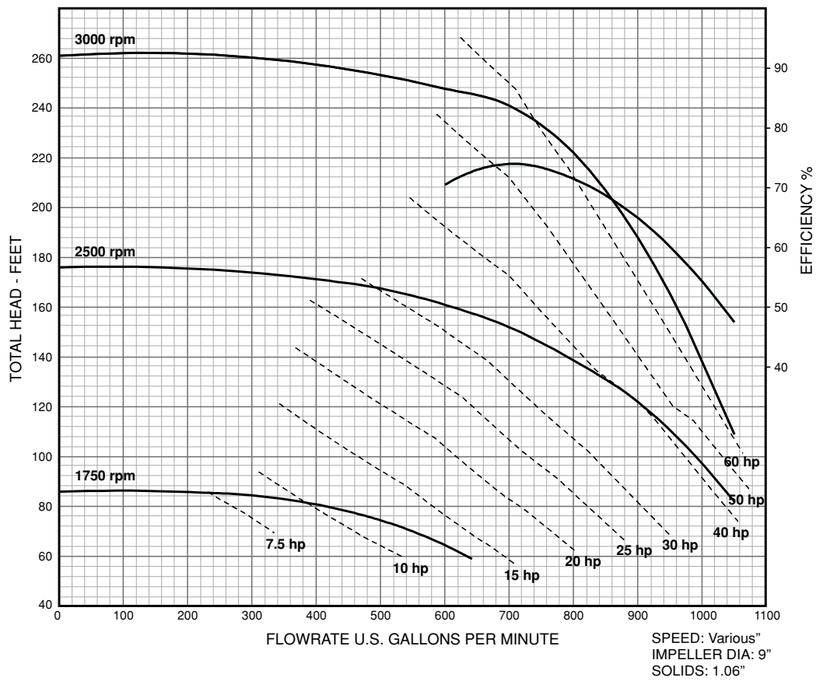
*in. Measurements are indicated in inches.
**mm Measurements are indicated in metrics.





Size	Hyd. Mount	A	B	D	E	F	G	H	L	Spline	X	Y	Z	CP	DD1	DD2
3X4-9	C-Fit	8.5 in.*	6.94 in.	5.375 in.	3.625 in.	4.75 in.	1.125 in.	0.50 in.	7.00 in.	1.25 in.	7.00 in.	3.625 in.	6.13 in.	23.80 in.	7.00 in.	15.375 in.
3X4-9	C-Fit	216 mm**	176 mm	137 mm	92 mm	121 mm	29 mm	13 mm	178 mm	32 mm	178 mm	92 mm	156 mm	605 mm	178 mm	391 mm

Performance Curves



For More Information Call: 1-800-345-8889 or 505-345-2661 • After Hours and Weekend 505-506-1806

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M3 MEGA WATER PUMP











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The Mega Corp. M3 water pump is a heavy duty 4 inch inlet, 3 inch outlet, 9 inch impeller water pump capable of up to 1000 gpm. It's compact size suits installations where space matters. All Mega Corp. pumps can be configured for direct drive with PTO, external coupling connection to power source, and direct mount C fit hydraulic motor drive. Mega Corp. water pumps are built in the USA and include a one year warranty.

1 Choose A Mega Water Pump


Mega M3 Water Pump
CW, C-Fit Packing Pipe
304954


Mega M3 Water Pump
CCW, Direct Motor Mount
304985


Mega M3 Water Pump
CW, Plain-Keyed, 1.5 inch Diameter Shaft
304953


Mega M3 Water Pump
CCW, Plain-Keyed, 1.5 inch Diameter Shaft
304977

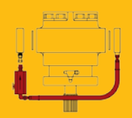
FEATURES	BENEFITS
Heavy duty cast iron construction.	Designed right. Built right. Made to last.
Heavy duty 1.5 inch drive shaft.	Stronger than competitive models. Increased shaft life. Higher rpm.
Heavy duty bearings front and rear.	Longer life. Higher performance.
Heavy duty hydraulic motor coupling.	Longer life. Lower cost of operation. Less down time.
Direct mount for hydraulic motor.	No external coupling to align. Long life.
Small foot print.	Suitable for smaller tankers.
Choice of shaft seals.	Available with rope packing or mechanical seal.
Easily configured.	Suitable for direct drive, PTO, external coupling, or direct motor mount.
Improved performance over competitive models.	Will operate up to four Mega spray heads.
American made - Genuine Mega.	Count on it!

2 Choose A Motor



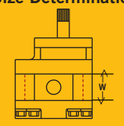
Mega Gear Type M75 Series Hydraulic Motors 1.5 inch (#24 hose) Split Flange Connections

Motor-Cross Over



Part Number 037825

Hydraulic Motor Gear Size Determination

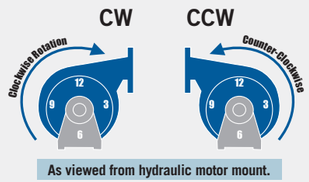


Gear Width Formula
Gear Width= W - 1 inch

Part No. (Splined Shaft)	Part No. (Keyed)	Gear Width	DESIRED RPM RANGE (1900-2100) WITH TRACTOR ENGINE AT HIGH IDLE (FULL THROTTLE)																						
302072	30037	1.00	1972	2254	2535	2817	3099	3380																	
302073	30038	1.25		1805	2030	2256	2481	2707	2933	3158															
302074	30039	1.50				1878	2066	2254	2441	2659	2817	3005	3193												
302075	30040	1.75						1933	2094	2255	2416	2577	2738	2900	3061	3222									
302076	30041	2.00								1972	2113	2254	2395	2535	2676	2817	2958	3099	3240						
302077	30042	2.25									1879	2004	2130	2255	2380	2505	2631	2756	2881	3007	3132				
302078	30043	2.50											1916	2028	2141	2254	2366	2479	2592	2704	2817	2930	3042	3155	
302079	30044	2.75												1845	1947	2050	2152	2255	2357	2460	2562	2665	2767	2870	2972	3075
302080	30045	3.00															1972	2066	2160	2254	2348	2335	2441	2629	2723	2817
Oil Flow Rate (GPM)			35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150

M3 Parts Breakdown

Parts for all M3 pumps included in parts breakdown. For a more information please download our Parts Catalog located on our website at www.megacorpinc.com/productsupport/main.asp



As viewed from hydraulic motor mount.

ITEM	PART NO.	DESCRIPTION	QTY	SPARE PARTS
	304954	CW, C-Fit Packing Pipe, M3 Water Pump	1	
	304985	CCW, Direct Motor Mount, M3 Water Pump	1	
	304953	CW, Plain Keyed 1.5 inch Diameter Shaft, M3 Water Pump	1	
	304977	CCW, Plain Keyed 1.5 inch Diameter Shaft, M3 Water Pump	1	
1	304984	Bracket, M3 Pump	1	
2	304955	Shaft Assembly, M3 pump*	1	X
3	304972	Bolt, Impeller, M3 Pump	1	X
4	304971	Washer, Lock, Impeller, M3 Pump	1	X
5	304970	Washer, Impeller, M3 Pump	1	X
6	304959	Bearing, Impeller Side, M3 Pump	1	X
7	304960	Seal, Grease, M3 Pump	2	X
8	304961	Sleeve, Wear, Shaft, M3 Pump	1	X
9	304962	Key, Impeller, M3 Pump	2	X
10	304956	Bearing, Drive Side, M3 Pump	1	X
11	304958	Ring, Thrust, M3 Pump	1	X
12	304957	Retainer, Snap Ring, M3 Pump	1	X
13	305102	Hydraulic Shaft Coupler, M3 Pump		

ITEM	PART NO.	DESCRIPTION	QTY	SPARE PARTS
14	305101	Key, Coupling, M3 Pump	1	X
15	305107	Set Screw, Coupling, M3 Pump	2	
16	**	Hydraulic Motor Mount, M3 Pump	1	
17	350146	Bolt, 3/8 inch-16 x 1.25 inch, M3 pump	12	
18	350016	Washer, 3/8 inch, M3 Pump	12	
19	304968	Grease Fitting, 1/8 inch, M3 Pump	2	X
20	304983	Bearing Cap, M3 Pump	1	X
21	304967	Packing 3/8 inch, Set of 4 Rings, M3 Pump	1	X
22	304966	Stud, Packing Gland, M3 Pump	2	X
23	304757	Nut, Packing Gland, 3/8 inch-16, M3 pump	2	X
24	304969	Packing Gland (Pair), M3 Pump	1	X
25	304965	Impeller CCW, M3 Pump	1	
26	304963	Volute Case, CCW, M3 Pump	1	
27	304973	Seal, Volute Gasket, M3 Pump	1	X
28	350850	Plug, 1/4 inch, NPT, M3 pump	4	
29	350852	Plug, 1/2 inch, M3 pump	2	

* Shaft assembly includes shaft with items 2,6,8-12, assembled
** Special order item please call part sales for more information at 505-341-2661.