FMC EnergySystems
FMC Fluid Control

FMC API-674 Series Plunger Pump Ratings

Pump Model	Maximum Horsepower	Maximum Capacity GPM "@ PSI"	Maximum Pressure (PSI)	Stroke Length (IN)	Pump Type
M06-API	21	32.3 @ 1000 PSI	10,000	1.50	Triplex
M08-API	45	62.0 @ 1120 PSI	10,000	2.00	Triplex
M09-API	32	44.4 @ 1150 PSI	10,000	2.25	Triplex
M12-API	77	137.7 @ 850 PSI	10,000	3.00	Triplex
M14-API	104	213.4 @ 725 PSI	10,000	3.50	Triplex
M16-API	142	351.1 @ 570 PSI	10,000	4.00	Triplex
M18-API	190	371.8 @ 775 PSI	10,000	4.50	Triplex
Q16-API	240	585.2 @ 630 PSI	10,000	4.00	Quintuplex
Q18-API	322	619.7 @ 800 PSI	8,400	4.50	Quintuplex
M28-API	366	490.9 @ 1150 PSI	9,350	7.00	Triplex

Select a blue Pump Model from above for more detailed information.

FMC Model M06-API

Triplex Plunger Pump
Maximum Input Power Rating 20.9 HP
API-674 Maximum Speed Rating 475 RPM
Intermittent Duty Speed Rating 600 RPM
Stroke Length 1.5 IN
Estimated Shipping Weight 245 LBS
Oil Capacity 2 QT
Mechanical Efficiency 90%

Pump Model	Piston Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	300 RPM	400 RPM	475 RPM	600 RPM
M0604-API	0.500	0.0038	10,000	0.38	1.15	1.53	1.82	2.29
M0605-API	0.625	0.0060	8,800	0.60	1.79	2.39	2.84	3.59
M0606-API	0.750	0.0086	6,100	0.86	2.58	3.44	4.09	5.16
M0608-API	1.000	0.0153	3,400	1.53	4.59	6.12	7.27	9.18
M0610-API	1.250	0.0239	2,200	2.39	7.17	9.56	11.36	14.34
M0612-API	1.500	0.0344	1,500	3.44	10.33	13.77	16.35	20.65
M0614-API	1.750	0.0469	1,120	4.69	14.06	18.74	22.26	28.11
M0615-API	1.875	0.0538	1,000	5.38	16.14	21.52	25.55	32.27

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FMC Model M08-API

Triplex Plunger Pump
Maximum Input Power Rating 45.1 HP
API-674 Maximum Speed Rating 450 RPM
Intermittent Duty Speed Rating 600 RPM
Stroke Length 2.00 IN
Estimated Shipping Weight 550 LBS
Oil Capacity 6 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	300 RPM	400 RPM	450 RPM	600 RPM
M0806-API	0.750	0.0115	10,000	1.15	3.44	4.59	5.16	6.88
M0807-API	0.875	0.0156	7,400	1.56	4.69	6.25	7.03	9.37
M0808-API	1.000	0.0204	5,650	2.04	6.12	8.16	9.18	12.24
M0810-API	1.250	0.0319	3,620	3.19	9.56	12.75	14.34	19.12
M0812-API	1.500	0.0459	2,520	4.59	13.77	18.36	20.65	27.54
M0814-API	1.750	0.0625	1,850	6.25	18.74	24.99	28.11	37.48
M0816-API	2.000	0.0816	1,420	8.16	24.48	32.64	36.72	48.96
M0818-API	2.250	0.1033	1,120	10.33	30.98	41.31	46.47	61.96

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FMC Model M09-API

Triplex Plunger Pump
Maximum Input Power Rating 33.1 HP
API-674 Maximum Speed Rating 425 RPM
Intermittent Duty Speed Rating 550 RPM
Stroke Length 2.25 IN
Estimated Shipping Weight 325 LBS
Oil Capacity 3 QT
Mechanical Efficiency 90%

Pump Model	Piston Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	300 RPM	400 RPM	425 RPM	550 RPM
M0905-API	0.625	0.0090	10,000	0.90	2.69	3.59	3.81	4.93
M0906-API	0.750	0.0129	6,900	1.29	3.87	5.16	5.49	7.10
M0908-API	1.000	0.0229	3,900	2.29	6.88	9.18	9.75	12.62
M0910-API	1.250	0.0359	2,500	3.59	10.76	14.34	15.24	19.72
M0912-API	1.500	0.0516	1,750	5.16	15.49	20.65	21.95	28.40
M0915-API	1.875	0.0807	1,150	8.07	24.21	32.27	34.29	44.38

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FMC Model M12-API

Triplex Plunger Pump
Maximum Input Power Rating 77.5 HP
API-674 Maximum Speed Rating 400 RPM
Intermittent Duty Speed Rating 500 RPM
Stroke Length 3.00 IN
Estimated Shipping Weight 950 LBS
Oil Capacity 12 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	300 RPM	400 RPM	500 RPM
M1207-API	0.875	0.0234	10,000	2.34	4.69	7.03	9.37	11.71
M1208-API	1.000	0.0306	7,600	3.06	6.12	9.18	12.24	15.30
M1210-API	1.250	0.0478	4,900	4.78	9.56	14.34	19.12	23.91
M1212-API	1.500	0.0688	3,400	6.88	13.77	20.65	27.54	34.42
M1214-API	1.750	0.0937	2,500	9.37	18.74	28.11	37.48	46.86
M1216-API	2.000	0.1224	1,900	12.24	24.48	36.72	48.96	61.20
M1218-API	2.250	0.1549	1,500	15.49	30.98	46.47	61.96	77.46
M1220-API	2.500	0.1912	1,250	19.12	38.25	57.37	76.50	95.62
M1222-API	2.750	0.2314	1,000	23.14	46.28	69.42	92.56	115.71
M1224-API	3.000	0.2754	850	27.54	55.08	82.62	110.16	137.70

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FMC Model M14-API

Triplex Plunger Pump
Maximum Input Power Rating 103.9 HP
API-674 Maximum Speed Rating 375 RPM
Intermittent Duty Speed Rating 425 RPM
Stroke Length 3.50 IN
Estimated Shipping Weight 1800 LBS
Oil Capacity 12 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	275 RPM	375 RPM	425 RPM
M1408	1.000	0.0357	10,000	3.57	7.14	9.82	13.39	15.17
M1410	1.250	0.0558	6,500	5.58	11.16	15.34	20.92	23.71
M1412	1.500	0.0803	4,500	8.03	16.06	22.09	30.12	34.14
M1414	1.750	0.1093	3,300	10.93	21.87	30.07	41.00	46.47
M1416	2.000	0.1428	2,500	14.28	28.56	39.27	53.55	60.69
M1418	2.250	0.1807	2,000	18.07	36.15	49.70	67.77	76.81
M1420	2.500	0.2231	1,600	22.31	44.62	61.36	83.67	94.83
M1422	2.750	0.2700	1,350	27.00	54.00	74.24	101.24	114.74
M1424	3.000	0.3213	1,150	32.13	64.26	88.36	120.49	136.55
M1426	3.250	0.3771	1,000	37.71	75.42	103.70	141.41	160.26
M1428	3.500	0.4373	825	43.73	87.46	120.26	164.00	185.86
M1430	3.750	0.5020	725	50.20	100.41	138.06	188.26	213.36

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FMC Model M16-API

Triplex Plunger Pump
Maximum Input Power Rating 142.3 HP
API-674 Maximum Speed Rating 350 RPM
Intermittent Duty Speed Rating 425 RPM
Stroke Length 4.00 IN
Estimated Shipping Weight 2400 LBS
Oil Capacity 40 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	300 RPM	350 RPM	425 RPM
M1609-API	1.125	0.0516	10,000	5.16	10.33	15.49	18.07	21.95
M1610-API	1.250	0.0637	8,000	6.37	12.75	19.12	22.31	27.09
M1612-API	1.500	0.0918	5,500	9.18	18.36	27.54	32.13	39.01
M1614-API	1.750	0.1249	4,065	12.49	24.99	37.48	43.73	53.10
M1616-API	2.000	0.1632	3,115	16.32	32.64	48.96	57.12	69.36
M1618-API	2.250	0.2065	2,460	20.65	41.31	61.96	72.29	87.78
M1620-API	2.500	0.2550	1,990	25.50	51.00	76.50	89.25	108.37
M1622-API	2.750	0.3085	1,650	30.85	61.71	92.56	107.99	131.13
M1624-API	3.000	0.3672	1,385	36.72	73.44	110.16	128.52	156.06
M1626-API	3.250	0.4309	1,180	43.09	86.19	129.28	150.83	183.15
M1628-API	3.500	0.4998	1,015	49.98	99.96	149.94	174.93	212.41
M1630-API	3.750	0.5737	885	57.37	114.75	172.12	200.81	243.84
M1632-API	4.000	0.6528	775	65.28	130.56	195.84	228.48	277.44
M1634-API	4.250	0.7369	650	73.69	147.39	221.08	257.93	313.20
M1636-API	4.500	0.8262	570	82.62	165.24	247.86	289.17	351.13

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FMC Model M18-API (Available 3rd Quarter 2001)

Triplex Plunger Pump
Maximum Input Power Rating 190.4 HP
API-674 Maximum Speed Rating 330 RPM
Intermittent Duty Speed Rating 400 RPM
Stroke Length 4.50 IN
Estimated Shipping Weight 2600 LBS
Oil Capacity 40 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	275 RPM	330 RPM	400 RPM
M1810-API	1.250	0.0717	10,000	7.17	14.34	19.72	23.67	28.69
M1812-API	1.500	0.1033	7,100	10.33	20.65	28.40	34.08	41.31
M1814-API	1.750	0.1406	5,200	14.06	28.11	38.66	46.39	56.23
M1816-API	2.000	0.1836	4,000	18.36	36.72	50.49	60.59	73.44
M1818-API	2.250	0.2324	3,150	23.24	46.47	63.90	76.68	92.95
M1820-API	2.500	0.2869	2,550	28.69	57.37	78.89	94.67	114.75
M1822-API	2.750	0.3471	2,100	34.71	69.42	95.46	114.55	138.85
M1824-API	3.000	0.4131	1,750	41.31	82.62	113.60	136.32	165.24
M1826-API	3.250	0.4848	1,500	48.48	96.96	133.32	159.99	193.93
M1828-API	3.500	0.5623	1,300	56.23	112.45	154.63	185.55	224.91
M1830-API	3.750	0.6455	1,125	64.55	129.09	177.50	213.00	258.19
M1832-API	4.000	0.7344	1,000	73.44	146.88	201.96	242.35	293.76
M1834-API	4.250	0.8291	875	82.91	165.81	227.99	273.59	331.63
M1836-API	4.500	0.9295	775	92.95	185.89	255.61	306.73	371.79

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FMC Model Q16-API

Quintuplex Plunger Pump
Maximum Input Power Rating 240.3 HP
API-674 Maximum Speed Rating 350 RPM
Intermittent Duty Speed Rating 425 RPM
Stroke Length 4.00 IN
Estimated Shipping Weight 4500 LBS
Oil Capacity 64 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	300 RPM	350 RPM	425 RPM
Q1609-API	1.125	0.0861	10,000	8.61	17.21	25.82	30.12	36.58
Q1610-API	1.250	0.1062	8,150	10.62	21.25	31.87	37.19	45.16
Q1612-API	1.500	0.1530	5,650	15.30	30.60	45.90	53.55	65.02
Q1614-API	1.750	0.2082	4,160	20.82	41.65	62.47	72.89	88.51
Q1616-API	2.000	0.2720	3,190	27.20	54.40	81.60	95.20	115.60
Q1618-API	2.250	0.3442	2,520	34.42	68.85	103.27	120.49	146.31
Q1620-API	2.500	0.4250	2,040	42.50	85.00	127.50	148.75	180.62
Q1622-API	2.750	0.5142	1,690	51.42	102.85	154.27	179.99	218.56
Q1624-API	3.000	0.6120	1,420	61.20	122.40	183.60	214.20	260.10
Q1626-API	3.250	0.7182	1,210	71.82	143.65	215.47	251.39	305.26
Q1628-API	3.500	0.8330	1,040	83.30	166.60	249.90	291.55	354.02
Q1630-API	3.750	0.9562	910	95.62	191.25	286.87	334.69	406.41
Q1632-API	4.000	1.0880	800	108.80	217.60	326.40	380.80	462.40
Q1634-API	4.250	1.2282	710	122.82	245.65	368.47	429.89	522.01
Q1636-API	4.500	1.3770	630	137.70	275.40	413.10	481.95	585.22

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FMC Model Q18-API (Available 2nd Quarter 2001)

Quintuplex Plunger Pump
Maximum Input Power Rating 322.5 HP
API-674 Maximum Speed Rating 330 RPM
Intermittent Duty Speed Rating 400 RPM
Stroke Length 4.50 IN
Estimated Shipping Weight 4700 LBS
Oil Capacity 64 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	200 RPM	275 RPM	330 RPM	400 RPM
Q1811-API	1.375	0.1446	8,400	14.46	28.93	39.77	47.73	57.85
Q1812-API	1.500	0.1721	7,100	17.21	34.42	47.33	56.80	68.85
Q1814-API	1.750	0.2343	5,200	23.43	46.86	64.43	77.31	93.71
Q1816-API	2.000	0.3060	4,000	30.60	61.20	84.15	100.98	122.40
Q1818-API	2.250	0.3873	3,100	38.73	77.46	106.50	127.80	154.91
Q1820-API	2.500	0.4781	2,500	47.81	95.62	131.48	157.78	191.25
Q1822-API	2.750	0.5785	2,100	57.85	115.71	159.10	190.91	231.41
Q1824-API	3.000	0.6885	1,800	68.85	137.70	189.34	227.20	275.40
Q1826-API	3.250	0.8080	1,500	80.80	161.61	222.21	266.65	323.21
Q1828-API	3.500	0.9371	1,300	93.71	187.42	257.71	309.25	374.85
Q1830-API	3.750	1.0758	1,100	107.58	215.16	295.84	355.01	430.31
Q1832-API	4.000	1.2240	1,000	122.40	244.80	336.60	403.92	489.60
Q1834-API	4.250	1.3818	900	138.18	276.36	379.99	455.99	552.71
Q1836-API	4.500	1.5491	800	154.91	309.82	426.01	511.21	619.65

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FMC Model M28-API (Available 4th Quarter 2001)

Triplex Plunger Pump
Maximum Input Power Rating 399 HP
API-674 Maximum Speed Rating 240 RPM
Intermittent Duty Speed Rating 300 RPM
Stroke Length 7.00 IN
Rated Rod Load 22500 LBS
Estimated Shipping Weight 5500 LBS
Oil Capacity 55 QT
Mechanical Efficiency 90%

Pump Model	Plunger Diameter (IN)	Displacement (GAL/REV)	Maximum Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				100 RPM	150 RPM	200 RPM	240 RPM	300 RPM
M2814-API	1.750	0.2187	9,350	21.9	32.8	43.7	52.5	65.6
M2816-API	2.000	0.2856	7,160	28.6	42.8	57.1	68.5	85.7
M2820-API	2.500	0.4462	4,580	44.6	66.9	89.2	107.1	133.9
M2824-API	3.000	0.6426	3,180	64.3	96.4	128.5	154.2	192.8
M2828-API	3.500	0.8746	2,340	87.5	131.2	174.9	209.9	262.4
M2832-API	4.000	1.1424	1,790	114.2	171.4	228.5	274.2	342.7
M2836-API	4.500	1.4458	1,410	144.6	216.9	289.2	347.0	433.8
M2840-API	5.000	1.7850	1,150	178.5	267.7	357.0	428.4	535.5

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