

## PUMP SPECIFICATIONS BY SERIES

PUMP SERIES	FLOW*		DISPLACEMENT		MAX. PRESSURE**	MAX. RPM	MIN. RPM***
	GPM	LPM	CU.IN.	CM <sup>3</sup>	PSI (BAR)		
PF4-160	1.6	(6)	.37	(6)	3,625 (250)	3,500	900
PF4-212	2.1	(8)	.49	(8)	3,625 (250)	3,500	900
PF4-264	2.6	(10)	.61	(10)	3,625 (250)	3,500	800
PF4-290	2.9	(11)	.67	(11)	3,625 (250)	3,500	800
PF4-368	3.7	(14)	.85	(14)	3,625 (250)	3,500	600
PF4-424	4.2	(16)	.98	(16)	3,625 (250)	3,500	600
PF4-502	5.0	(19)	1.16	(19)	3,625 (250)	2,750	600
PF4-606	6.1	(23)	1.40	(23)	3,400 (235)	2,350	600
PF4-714	7.1	(27)	1.65	(27)	2,750 (190)	2,350	600
PF4-818	8.1	(31)	1.89	(31)	2,400 (165)	2,000	600
PF4-870	8.7	(33)	2.01	(33)	2,250 (155)	2,000	600
<b>Refer to Brochure MP08-06 for Dimensions and Specifications</b>							
PH1-03	3	(10)	.62	(10)	3,500 (241)	3,500	1,000
PH1-05	5	(20)	1.24	(20)	3,500 (241)	3,500	800
PH1-07	7	(25)	1.55	(25)	3,500 (241)	3,250	800
PH1-08	8	(30)	1.86	(30)	3,250 (224)	3,000	800
PH1-09	9	(36)	2.17	(36)	2,900 (200)	3,000	800
PH1-11	11	(41)	2.48	(41)	2,500 (172)	3,000	800
<b>Refer to Brochure MP15-17 for Dimensions and Specifications</b>							
PK1-04	4	(16)	.24	(16)	3,000 (207)	3,600	600
PK1-06	6	(24)	1.47	(24)	3,000 (207)	3,600	600
PK1-08	8	(32)	1.97	(32)	3,000 (207)	3,000	600
PK1-11	11	(40)	2.46	(40)	3,000 (207)	3,000	600
PK1-13	13	(48)	2.96	(48)	3,000 (207)	2,500	600
PK1-15	15	(57)	3.45	(57)	2,500 (172)	2,500	600
PK1-17	17	(65)	3.94	(65)	2,500 (172)	2,500	600
<b>Refer to Brochure MP15-12 for Dimensions and Specifications</b>							
PL1-14	14	(52)	3.18	(52)	3,000 (207)	3,000	600
PL1-16	16	(63)	3.82	(63)	3,000 (207)	3,000	600
PL1-19	19	(73)	4.46	(73)	3,000 (207)	3,000	600
PL1-23	23	(85)	5.20	(85)	2,500 (172)	3,000	600
PL1-25	25	(93)	5.73	(93)	2,500 (172)	2,500	600
PL1-27	27	(104)	6.37	(104)	2,500 (172)	2,500	600
PL1-30	30	(115)	7.01	(115)	2,000 (138)	2,500	600
<b>Refer to Brochure MP15-11 for Dimensions and Specifications</b>							
W06	6	(23)	1.45	(23.9)	4,350 (300)	3,600	800
W08	8	(30)	1.96	(32.2)	4,350 (300)	3,600	600
W11	11	(42)	2.42	(39.7)	4,350 (300)	3,250	600
W13	13	(49)	2.92	(47.9)	4,000 (275)	3,000	600
W15	15	(57)	3.46	(56.8)	3,750 (260)	2,750	600
W17	17	(64)	3.96	(65.0)	3,500 (240)	2,500	600
W19	19	(72)	4.37	(71.6)	3,250 (225)	2,500	600
<b>Refer to Brochure MP15-13 for Dimensions and Specifications</b>							

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	GPM	LPM	CU.IN.	CM <sup>3</sup>	PSI (BAR)		
X14	14	(53)	3.18	(52.1)	4,350 (300)	3,000	800
X16	16	(60)	3.83	(62.9)	4,350 (300)	3,000	600
X19	19	(72)	4.44	(72.8)	3,750 (260)	3,000	600
X23	23	(87)	5.20	(85.3)	3,500 (240)	2,750	600
X25	25	(95)	5.69	(93.4)	3,250 (225)	2,750	600
X27	27	(102)	6.35	(104)	3,000 (210)	2,500	600
X30	30	(114)	7.01	(115)	2,500 (190)	2,500	600
X33	33	(125)	7.78	(128)	2,500 (190)	2,500	600
X36	36	(136)	8.43	(138)	2,250 (155)	2,250	600
<b>Refer to Brochure MP15-14 for Dimensions and Specifications</b>							
MLSM-27	27	(102)	6.10	(102)	3,000 (207)	2,500	800
MLSM-31	31	(117)	7.11	(117)	3,000 (207)	2,500	800
MLSM-35	35	(132)	8.20	(132)	2,750 (190)	2,400	800
MLSM-40	40	(151)	9.27	(151)	2,750 (190)	2,300	800
MLSM-44	44	(166)	10.25	(166)	2,500 (170)	2,200	800
<b>Refer to Brochure MP15-37 for Dimensions and Specifications</b>							
Dump Pumps					**		
S3LD1-06	6	(24)	1.47	(24)	2,500 (172)	2,500	800
S3LD1-11	11	(40)	2.46	(40)	2,500 (172)	2,500	800
S3LD1-15	15	(57)	3.45	(57)	2,500 (172)	2,500	800
E(H)3XL1-23	23	(87)	5.20	(85)	2,500 (172)	2,500	800
E(H)3XL1-27	27	(102)	6.37	(104)	2,500 (172)	2,500	800
<b>Refer to Brochures MP15-10 and MP15-09 for Dimensions and Specifications</b>							

**Notes:**

Pumps are cast iron, three piece construction, with heavy duty roller or sleeve bearings, and pressure balanced wear plates. Call Muncie Power Products for detailed specifications or application assistance.

\* Theoretical Flow @ 1,000 RPM.

\*\* Intermittent Cycles Only.

\*\*\* Higher RPMs are generally recommended for continuous operation.  
To calculate torque requirement, use formula:  $T = CID \times PSI \div 75.53$