



PUMP SPECIFICATIONS BY SERIES

PUMP SERIES	FLOW* GPM (LPM)	DISPLACEMENT cu.in. (cm ³)	MAX PRESSURE PSI (BAR)	MAX RPM	MIN RPM***
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Single Pumps (Note: PF Series pumps are cast iron and aluminum construction)

PF4-107	1.0 (4)	.24 (4)	3625 (250)	3500	1000
PF4-160	1.6 (6)	.37 (6)	3625 (250)	3500	900
PF4-212	2.1 (8)	.49 (8)	3625 (250)	3500	900
PF4-264	2.6 (10)	.61 (10)	3625 (250)	3500	800
PF4-290	2.9 (11)	.67 (11)	3625 (250)	3500	800
PF4-368	3.7 (14)	.85 (14)	3625 (250)	3500	600
PF4-424	4.2 (16)	.98 (16)	3625 (250)	3500	600
PF4-502	5.0 (19)	1.16 (19)	3625 (250)	2750	600
PF4-606	6.1 (23)	1.40 (23)	3400 (235)	2350	600
PF4-714	7.1 (27)	1.65 (27)	2750 (190)	2350	600
PF4-818	8.1 (31)	1.89 (31)	2400 (165)	2000	600
PF4-870	8.7 (33)	2.01 (33)	2250 (155)	2000	600

Refer to Brochure MP08-06 for Dimensions and Specifications

PH1-03	3	.62 (10)	3500 (241)	3500	1000
PH1-05	5	1.24 (20)	3500 (241)	3500	800
PH1-07	7	1.55 (25)	3500 (241)	3250	800
PH1-08	8	1.86 (30)	3250 (224)	3000	800
PH1-09	9	2.17 (36)	2900 (200)	3000	800
PH1-11	11	2.48 (41)	2500 (172)	3000	800

Contact Muncie for Dimensions and Specifications

PK1-04	4	.98 (16)	3000 (207)	3600	600
PK1-06	6	1.47 (24)	3000 (207)	3600	600
PK1-08, PKS1-08	8	1.97 (32)	3000 (207)	3000	600
PK1-11, PKS1-11	11	2.46 (42)	3000 (207)	3000	600
PK1-13, PKS1-13	13	2.96 (48)	3000 (207)	2500	600
PK1-15, PKS1-15	15	3.45 (57)	2500 (172)	2500	600
PK1-17, PKS1-17	17	3.94 (65)	2500 (172)	2500	600

Refer to Brochure MP08-02 for Dimensions and Specifications

PL1-14	14	3.18 (52)	3000 (207)	3000	600
PL1-16	16	3.82 (63)	3000 (207)	3000	600
PL1-19	19	4.46 (73)	3000 (207)	3000	600
PL1-23	23	5.20 (85)	2500 (172)	3000	600
PL1-25	25	5.73 (94)	2500 (172)	2500	600
PL1-27	27	6.37 (104)	2500 (172)	2500	600
PL1-30	30	7.01 (115)	2000 (138)	2500	600

Refer to Brochure MP08-02 for Dimensions and Specifications

PM1-27	27	6.10 (100)	3000 (207)	3000	600
PM1-31	31	7.11 (116)	3000 (207)	3000	600
PM1-35	35	8.20 (134)	2500 (172)	3000	600
PM1-40	40	9.27 (152)	2500 (172)	2500	600

Refer to Brochure MP89-15 for Dimensions and Specifications

MLSM2-27	27	6.10 (102)	3000 (207)	2500	800
MLSM2-31	31	7.11 (117)	3000 (207)	2500	800
MLSM2-35	35	8.20 (132)	2750 (190)	2400	800
MLSM2-40	40	9.27 (151)	2750 (190)	2300	800
MLSM2-44	44	10.25 (166)	2500 (170)	2200	800

Refer to Brochure MP97-06 for Dimensions and Specifications

Dump Pumps

S3LD1-06	6	1.47 (24)	2500 (172)	2500	800
S3LD1-11	11	2.46 (40)	2500 (172)	2500	800
S3LD1-15	15	3.45 (57)	2500 (172)	2500	800
E(H)3XL1-23	23	5.20 (85)	2500 (172)	2500	800
E(H)3XL1-27	27	6.37 (104)	2500 (172)	2500	800

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Refer to Brochures MP08-05 and MP08-01 for Dimensions and Specifications

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

* Theoretical Flow @ 1000 RPM.

** Intermittent Cycles Only.

*** Higher RPMs are generally recommended for continuous operation.

To calculate torque requirement, use formula:
 $T = \text{c.i.d.} \times \text{p.s.i.} \div 75.53$