




MUNCIE

POWER-MISER & POWER-PRO PUMP SYSTEMS



**On Demand Live
Power Hydraulics**

**Off Mode Operation
Increases Fuel Savings**

Power Pro Shown

POWER-MISER & POWR-PRO

MODEL NUMBER CONSTRUCTION

PM40 - 07 C F S L - M - A - 63 - B

PUMP MODEL

PL14 (not available w/PPV)
 PL19
 PL23 *For Replacement Pump Only*
 PL25 *Pump Prefix is:*
 PM27 *PML1*** or PMM1****
 PM31 *(Delete model coding after*
 PM35 *Rotation)*
 PM40

SHAFT

01—1.0" Rd. (25.4 mm) (L Only)
 05—1.25" 14T (31.8 mm) (M Only)
 07—1.25" Rd. (31.8 mm) (L23 & M Only)

MOUNTING FLANGE

C—SAE "C" 4-BOLT
 L—SAE "C" 2-BOLT (M only)

PORT TYPE

F—SAE 4-BOLT

PORT LOCATION

S—SIDE

BLEED VALVE**

A — No Bleed Valve
 B — 2 GPM (8 LPM)

FLOW CONTROL VALVE*

00 — No Option
 VP-10 (Fixed)
 28 — 28 GPM (106 LPM)
 33 — 33 GPM (125 LPM)
 36 — 36 GPM (136 LPM)
 40 — 40 GPM (151 LPM)
 52 — 52 GPM (197 LPM)
 55 — 55 GPM (208 LPM)
 63 — 63 GPM (238 LPM)
 VP-15 (Adjustable)
 15 — 5 GPM (19 LPM) to
 50 GPM (180 LPM)

HOSE KIT

A — No Hose Kit
 H — For PPV Only

POWR-PRO(P) / POWER-MISER(M) VALVE

P — PPV-2402 — PM27, PM31,
 PL19, PL23, PL25
 P — PPV-3202 — PM35, PM40
 M — PMV-20 — PL14
 M — PMV-24 — PM27, PM31,
 PL19, PL23, PL25
 M — PMV-32 — PM35, PM40

ROTATION

L — Left Hand (CCW)
 R — Right Hand (CW)

* OPTIONAL. Bypass flow should not exceed output flow by more than 50%.
 Contact Muncie Sales for the correct selection for your application.

**POWER-MISER ONLY: A bleed valve must always be installed to prevent
 premature pump failure. Part Number FFC-3-2 (not used on PPV).

NOTE: Vehicle must be equipped with an air system. POWR-PRO valve
 must be shifted with a 2-position, 4-way valve.

L SERIES PUMP SPECIFICATIONS

MODEL NO.	DISPL. CU. IN. (CC)	MAX. * RPM	MIN. RPM	MAX. PSI (BAR)	MAX. OFF PSI (BAR)	INLET PORT SAE 4-BOLT	OUTLET PORT SAE 4-BOLT	MAX INLET VACUUM
PL*14	3.18 (52)	3000 *	800	3000 (207)	20 (1.4)	1-1/2*	1	5In.Hg.(.17BAR)
PL*19	4.46 (73)	3000 *	800	3000 (207)	20 (1.4)	1-1/2	1-1/4	5In.Hg.(.17BAR)
PL*23	5.20 (85)	3000	800	2500 (172)	20 (1.4)	1-1/2	1-1/4	5In.Hg.(.17BAR)
PL*25	5.73 (93)	2500	800	2500 (172)	20 (1.4)	1-1/2	1-1/4	5In.Hg.(.17BAR)

* Power-Miser Only: Pump Inlet Port is 1-1/4, but the Power-Miser Valve Block Inlet Port is 1-1/2.

M SERIES PUMP SPECIFICATIONS

MODEL NO.	DISPL. CU. IN. (CC)	MAX. * RPM	MIN. RPM	MAX. PSI (BAR)	MAX. OFF PSI (BAR)	INLET PORT SAE 4-BOLT	OUTLET PORT SAE 4-BOLT	MAX INLET VACUUM
PM*27	6.10 (100)	3000 *	800	3000 (207)	20 (1.4)	1-1/2	1-1/4	5In.Hg.(.17BAR)
PM*31	7.11 (117)	3000	800	3000 (207)	20 (1.4)	1-1/2	1-1/4	5In.Hg.(.17BAR)
PM*35	8.20 (134)	3000	800	2500 (172)	20 (1.4)	2	1-1/4	5In.Hg.(.17BAR)
PM*40	9.27 (152)	2500	800	2500 (172)	20 (1.4)	2	1-1/4	5In.Hg.(.17BAR)

* Off-Mode RPM. 2500 RPM for On-Mode, except PL*25 and PM*40 which is 2300 RPM.

NOTES: Maximum oil temperature is 200°F (93°C). Never use Teflon Tape on pipe ports. 10 Micron Filtration Recommended.



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