Use With: OM--04760
MR--04885

PUBLICATION NUMBER PL--05294--01
May 31, 2002

GORMAN-RUPP
PUMPS

10 SERIES
PUMP MODEL
12D1–11
12D1–(11) PPO

MANUAL
PART 2 of 3

PARTS LIST
WITH
PERFORMANCE CURVE

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA Printed in U.S.A.

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The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

PERFORMANCE CURVE – SECTION A

RECORDING MODEL AND SERIAL NUMBERS

Please record the pump model and serial number in the spaces provided below and in the separate Installation/Operation Manual accompanying your pump. Your Gorman-Rupp distributor needs this information when you require parts or service.

Pump Model: _____

Serial Number: _____

WARRANTY INFORMATION

The pump warranty is provided as part of Gorman-Rupp's support program for customers who operate and maintain their equipment as described in this manual and other accompanying literature. Please note that should the equipment be abused or modified to change its performance beyond the original factory specifications, the warranty will become void and any claim will be denied.

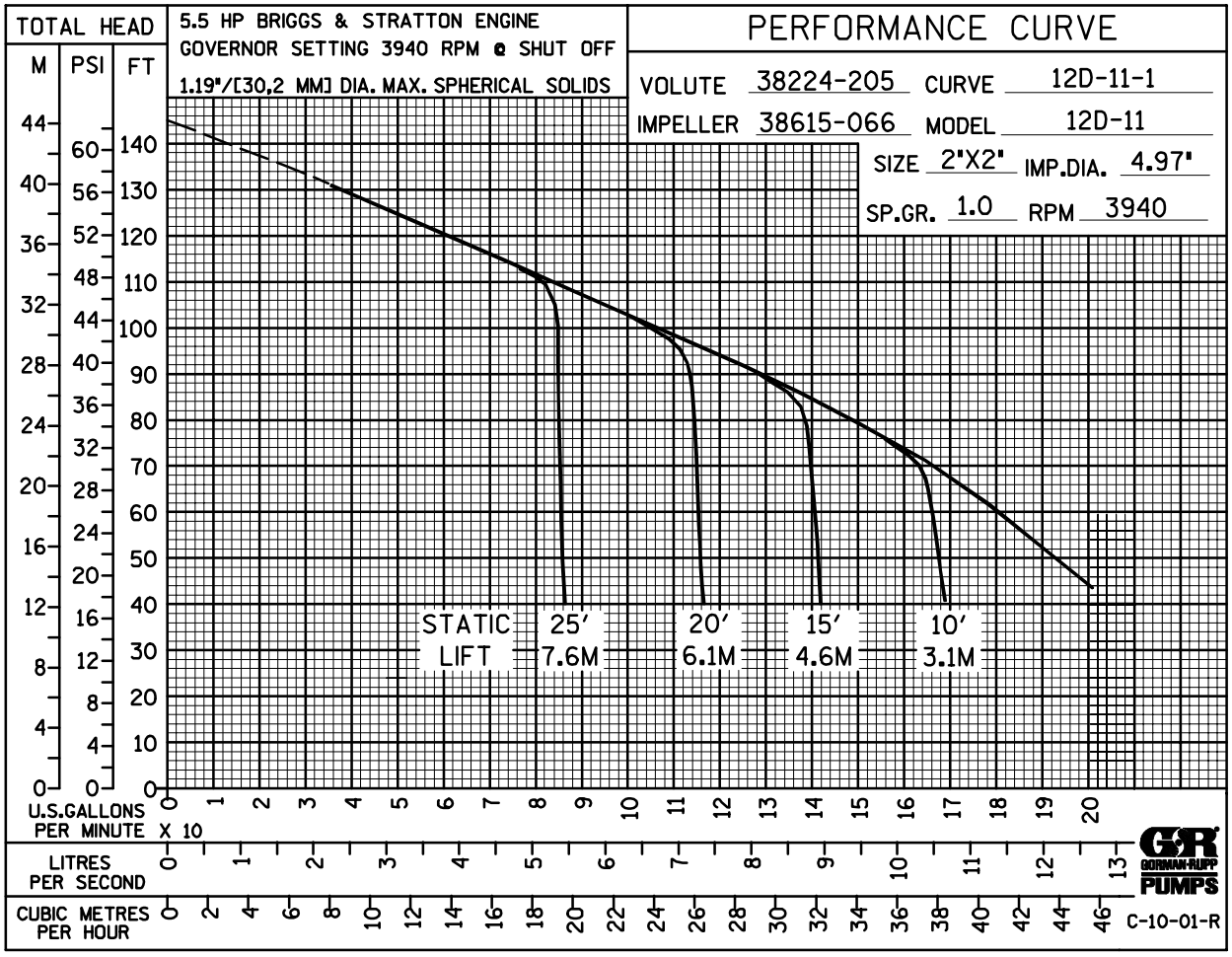
PERFORMANCE CURVE

The performance curve on the following page is based on 70° F (21° C) clear water at sea level with minimum suction lift. Since pump installations are seldom identical, your performance may be different due to such factors as viscosity, specific gravity, elevation, temperature, and impeller trim.

If your pump serial number is followed by an "N", your pump is **NOT** a standard production model. Contact the Gorman-Rupp Company to verify performance or part numbers.

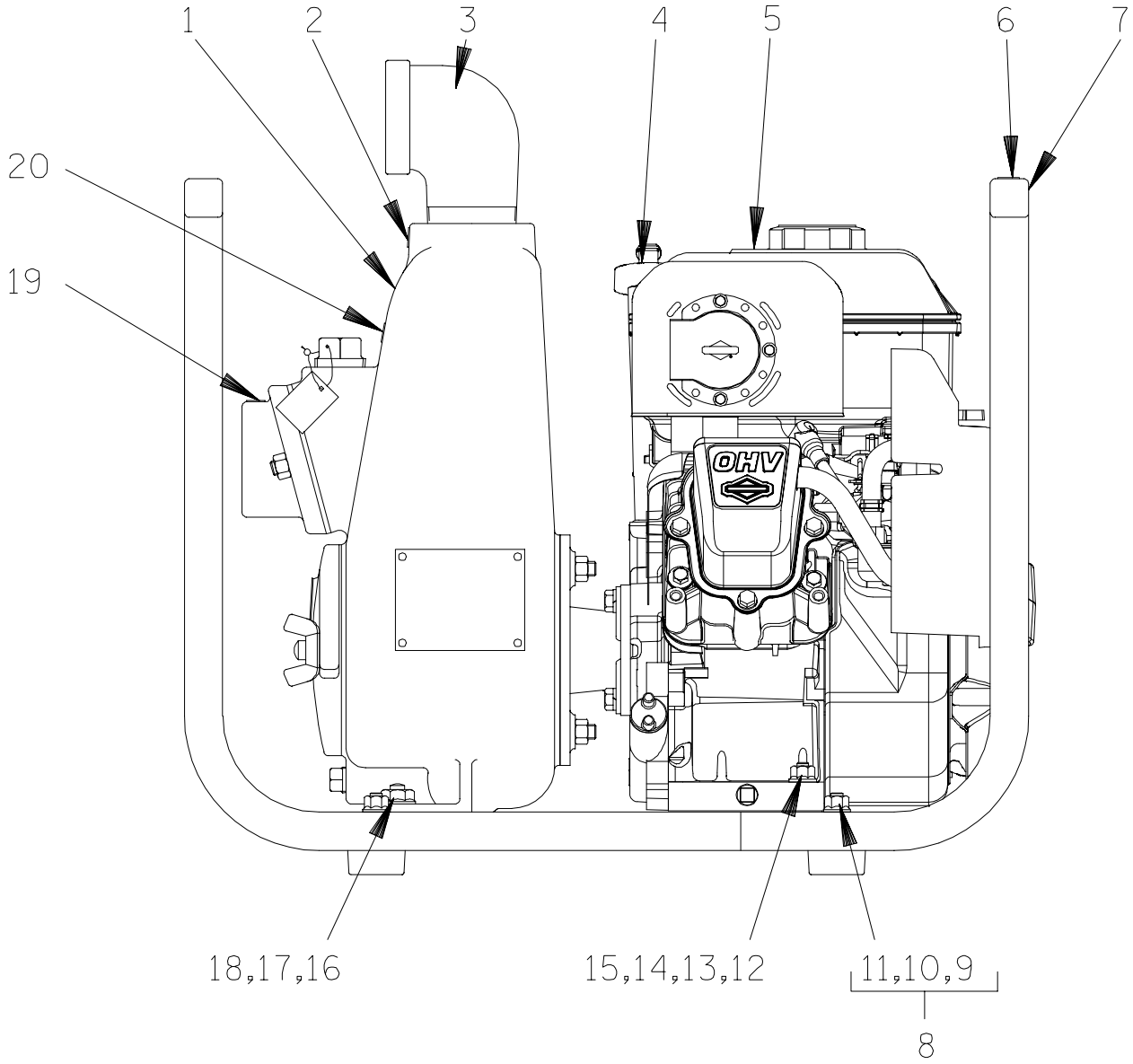


Pump speed and operating condition points must be within the continuous performance range shown on the curve.



Performance Curve – Model 12D1–11 And 12D1 –(11) PPO

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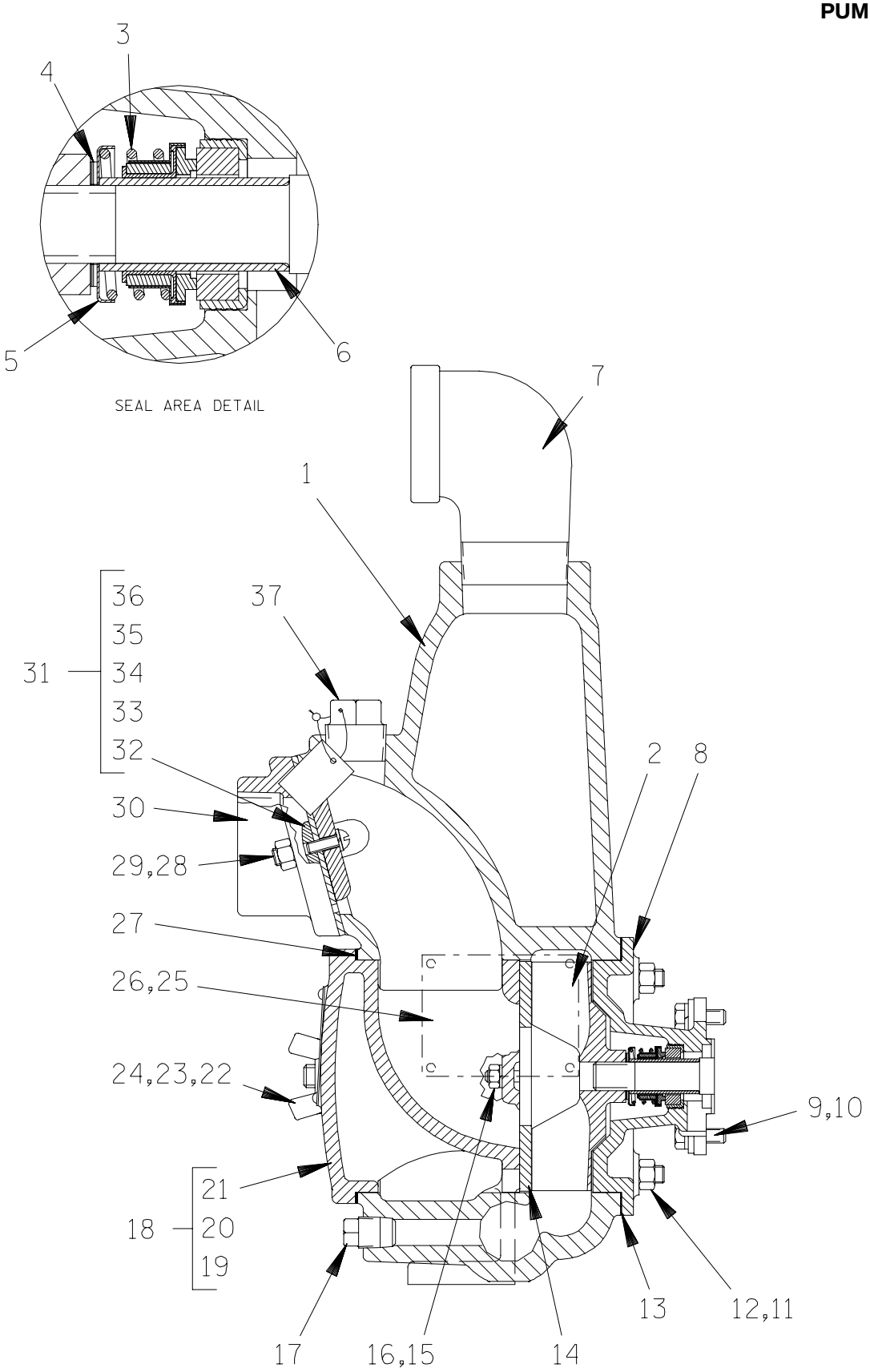
PARTS LIST
Pump Model 12D1–11

If your pump serial number is followed by an "N", your pump is **NOT** a standard production model. Contact the Gorman-Rupp Company to verify part numbers.

ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	PUMP END ASSEMBLY	12D1–(11) PPO	– – –	1
2	DISCHARGE STICKER	6588BJ	– – –	1
3	STREET ELBOW	RS32	11999	1
4	B & S ENGINE	29112–521	– – –	1
5	WARNING DECAL	2613FE	– – –	1
6	HAND CARRY DECAL	2613FT	– – –	2
7	ROLLOVER BASE	41583–316	24150	1
8	RUBBER FOOT MOUNTING KIT	48152–607	– – –	1
9	–MOUNTING FOOT	24631–401	– – –	4
10	–FLANGED HEX NUT	21765–312	– – –	4
11	–HEX HD CAPSCREW	B0506	15991	4
12	HEX HD CAPSCREW	B0507	15991	2
13	FLAT WASHER	KE05	15991	2
14	SPACER	31131–073	13000	2
15	FLANGED HEX NUT	21765–312	– – –	2
16	HEX HD CAPSCREW	B0605	15991	2
17	FLAT WASHER	KE06	15991	2
18	FLANGED HEX NUT	21765–314	– – –	2
19	SUCTION STICKER	6588AG	– – –	1
20	PRIMING STICKER	6588AH	– – –	1

✳ INDICATES PARTS RECOMMENDED FOR STOCK

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S/N 1254187 Up
PUMP ISSUE 1

PARTS LIST
12D1–(11) PPO

ITEM NO.		PART NAME	PART NUMBER	MAT'L CODE	QTY
1		PUMP CASING	38224–205	13040	1
2	✳	IMPELLER	38615–066	11060	1
3	✳	SEAL ASSEMBLY	–––	–––	1
4		IMP ADJUST SHIM SET	513A	17090	1
5		SPRING RETAINER	31161–041	17000	1
6	✳	SHAFT SLEEVE	31411–267	17020	1
7		STREET ELBOW	RS32	11999	1
8		INTERMEDIATE	6732A	10010	1
9		HEX HD CAPSCREW	B0503–1/2S	15991	4
10		LOCKWASHER	J05	15991	4
11		STUD	C0605 1/2	15991	4
12		HEX NUT	D06	15991	4
13	✳	CASING GASKET SET	504G	18000	1
14		WEAR PLATE	46451–018	24150	1
15		LOCKWASHER	J04	15991	2
16		HEX NUT	D04	15991	2
17		CASING DRAIN PLUG	P06	15079	1
18		BACK COVER PLATE	42111–919	–––	1
19		–WARNING PLATE	2613EV	13990	1
20		–COVER PLATE	NOT AVAILABLE		1
21		–DRIVE SCREW	BM#04–03	17000	4
22		STUD	C0808	15991	2
23		FLAT WASHER	KE08	15991	2
24		WING NUT	BB08	15991	2
25		NAME PLATE	38818–021	13990	1
26		DRIVE SCREW	BM#04–03	17000	4
27	✳	BACK COVER GSKT	12369G	20000	1
28		STUD	C0606	15991	2
29		HEX NUT	D06	15991	2
30		SUCTION FLANGE	38645–024	13040	1
31		CHECK VALVE ASSY	46413–028	–––	1
32	✳	–VALVE WEIGHT	19B	10010	1
33	✳	–VALVE WEIGHT	1354	15160	1
34		–LOCKWASHER	J04	17090	1
35		RD HD MACHINE SCREW	X0403	17090	1
36	✳	CHECK VALVE	38671–630	19070	1
37		FILL PLUG ASSY	48271–063	–––	1
NOT SHOWN:					
		STRAINER	9026D	24001	1

✳ INDICATES PARTS RECOMMENDED FOR STOCK

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WARRANTY

Pumping units manufactured by The Gorman-Rupp Company, Mansfield, Ohio are guaranteed to be free from defects in material and workmanship for one year from date of shipment from factory in Mansfield, Ohio. The obligation under this Warranty, statutory or otherwise, is limited to replacement or repair at Mansfield, Ohio factory or at a point designated by Gorman-Rupp, of such part as shall appear to us upon inspection at such point, to have been defective in material or workmanship.

This Warranty does not obligate The Gorman-Rupp Company to bear the cost of labor or transportation charges in connection with replacement or repair of defective parts; nor shall it apply to a pump upon which repairs or alterations have been made unless authorized by Gorman-Rupp.

No warranty is made in respect to engines, motors, or trade accessories, such being subject to warranties of their respective manufacturers.

In Submersible Pumps, pump and motor are integral and Submersibles are warranted as a unit. Since motor is subject to an important degree upon quality and performance of electrical controls, unit warranty is valid only when controls have been specified and provided by Gorman-Rupp.

No express implied or statutory warranty, other than herein set forth is made or authorized to be made by Gorman-Rupp.

In no event shall The Gorman-Rupp Company be liable for consequential damages or contingent liabilities arising out of the failure of any Gorman-Rupp pump or parts thereof to operate properly.

THE GORMAN-RUPP COMPANY

Mansfield, Ohio

NOTE: In Canada, all above references to “The Gorman-Rupp Company, Mansfield, Ohio” is understood to mean “Gorman-Rupp of Canada Limited, St. Thomas, Ontario.”

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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