AC

Use With: OM -- 04151

MR--04314

PUBLICATION NUMBER PL--04213--02

July 25, 1995

Rev. A 01-19-1998

Supersedes: OM--02673--02

OM--02674--02 PL--04214--02



PUMP MODELS S4G1-E30 460/575/3

MANUAL PART 2 of 3

PARTS
LIST
WITH
PERFORMANCE CURVE

PL--04213 S SERIES PUMP

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 <u>Installation/Operation Manual</u> 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.

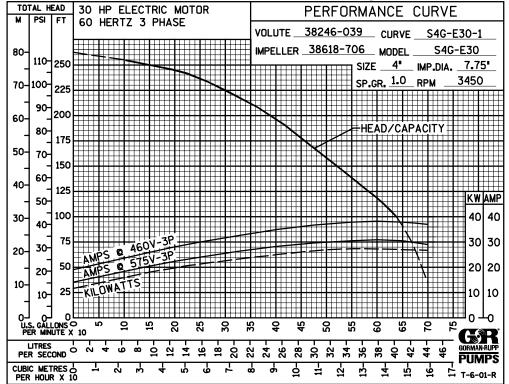
PERFORMANCE CURVES

The performance curve below is based on 70° F (21° C) clear water at sea level. 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.



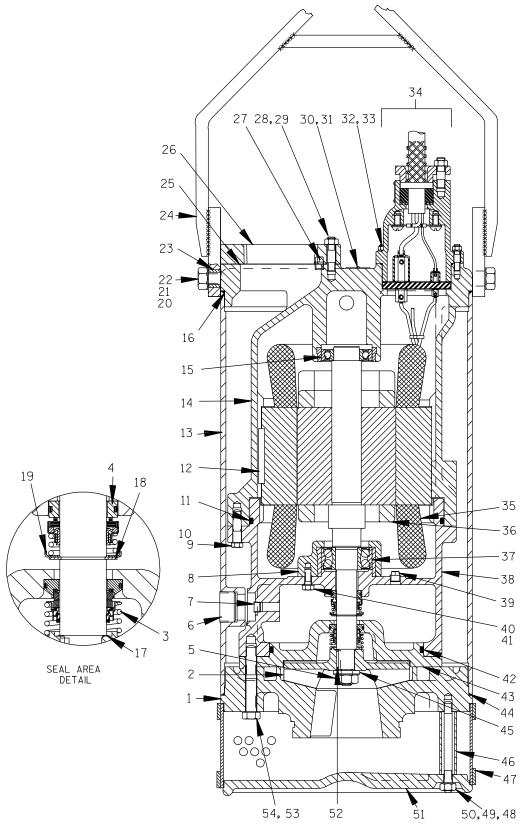
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve - Model S4G1-E30 460/575/3

PARTS LIST MANUAL PAGE A -- 1

S/N 939170 UP PUMP ISSUE 2



THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

GORMAN – RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA Printed in U.S.A.

©Copyright by the Gorman – Rupp Company

1 of 4

JULY 25, 1995 Rev. A 01/19/98

S/N 939170 UP

PUMP ISSUE 2

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 PART NAME NO.	PART NUMBER	MAT'L CODE	QTY	ITEM PART NAME NO.	PART NUMBER	MAT'L CODE	QTY
1 DIFFUSER	38632-052	1102H	1	38 LOWER MOTOR HSG	38311 – 309	13040	1
2 * IMPELLER	38618-706	1102H	1	39 PIPE PLUG	P06	15079	1
3 * LOWER SEAL ASSY	46512-076		1	40 HEX HD CAPSCREW	B0604	15991	4
4 * UPPER SEAL ASSY	25271-886		1	41 DYNA SEAL WASHER	S1586		4
5 * IMPELLER NUT	D10S	17000	1	42 * SEAL PLATE O-RING	S1748		1
6 SOC HD PIPE PLUG	PC24	17000	1	43 SEAL PLATE	38272-414	1102H	1
7 SOC HD PIPE PLUG	PC06	17000	1	44 * MTR HOUSING O-RING	25152-281		1
8 BEARING CAP	38322-216	13040	1	45 * IMPELLER WASHER	31131-074	17000	1
9 HEX HD CAPSCREW	B0808	17000	6	46 STRAINER SUPPORT	31413-075	15079	6
10 LOCKWASHER	J08	17000	6	47 STRAINER	46611-011	2415V	1
11 * LWR MTR HSG O-RING	S1865		1	48 STUD	C0822	15991	6
12 * STATOR KEY	N0612	17000	1	49 LOCKWASHER	J08	15991	6
13 MOTOR HOUSING	38311-808	13000	1	50 HEX NUT	D08	15991	6
14 UPPER MOTOR HSG	38311-314	13000	1	51 BASE PLATE	38352-317	13080	1
15 * UPPER BALL BEARING	23257-013		1	52 * IMPELLER KEY	N0404	17000	1
16 * MTR HOUSING O-RING	25152-281		1	53 HEX HD CAPSCREW	B1017	17000	6
17 * IMP ADJ SHIM SET	2X	17090	1	54 LOCKWASHER	J10	17000	6
18 RETAINING RING	S700		1	NOT SHOWN.			
19 * SPRING HOLDER	25273 – 265		1	NOT SHOWN:			
20 HEX HD CAPSCREW	B1208	15991	2	MOTOR TAG	4E00DI		1
21 LOCKWASHER	J12	15991	2	– 460V – 575V	6588BL 6588BM		1 1
22 FLAT WASHER	K12	15991	2	CONTROL BOX	ODOODIVI		ı
23 BUSHING	10045	15071	2	- 460V	27515-524		1
24 HOIST BAIL ASSY	44713-028	2415V	1	– 460V – 575V	27515-524		1
25 * DISCH FLANGE GASKET	38687-049	20000	1	HEATER PACK	2,010-004		
26 DISCHARGE FLANGE	38641-303	10010	1	- 460V	27521 – 208		1
27 PIPE PLUG	P04	17000	1	- 575	27521-206		1
28 STUD	C0809	15991	6	IMPELLER PULLER	48711-018		1
29 HEX NUT	D08	15991	6	HEAT SHRINK TUBE	18763-249		1
30 NAME PLATE	2613GH	17020	1				
31 DRIVE SCREW	BM#04-03	17000	2	OPTIONAL:			
32 STUD	C0607	15991	4	* REPAIR GASKET SET:	48211-062		1
33 DEFORM LOCKNUT	DD06	15991	4	6" DISCHARGE FLANGE	38642-207	10010	1
34 TERMINAL HOUSING AND CABLE ASSY	47367-077		1	LIQUID LEVEL DEVICES:			
35 STATOR ASSY				DIAPHRAGM TYPE	GRP48-03 c	or GRP48-	-061
-460V	47113-050		1	FLOAT TYPE	27471 – 155		1
– 575V	47113-051		1	120V LIQ. LVL CONTROL			1
36 ROTOR & SHAFT ASSY	47112-031		1	.251 2.2. 242 00141102	521 521		
37 ★ LOWER BALL BEARING	23425-458		1				

^{*} INDICATES PARTS RECOMMENDED FOR STOCK

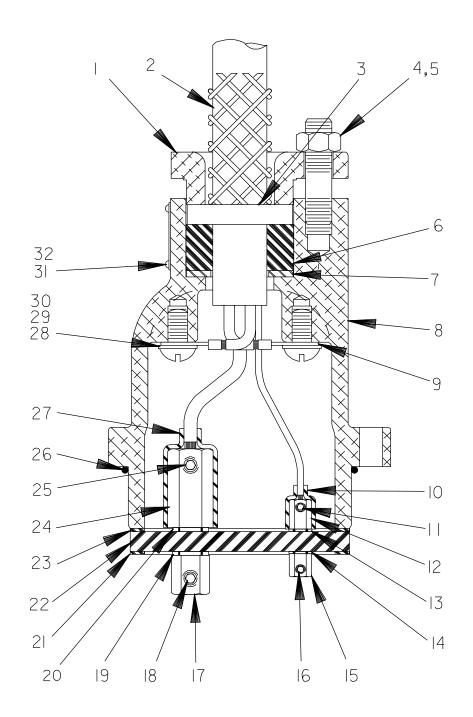
THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

 $\textbf{GORMAN-RUPP OF CANADA LIMITED} ~ \textbf{ST. THOMAS, ONTARIO, CANADA} \quad \textbf{Printed in U.S.A.}$

2 of 4 ©Copyright by the Gorman – Rupp Company

Page 150.4 G4

S/N 939170 UP PUMP ISSUE 2



THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

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

©Copyright by the Gorman-Rupp Company

3 of 4

JULY 25, 1995 Rev. A 01/19/98 S/N 939170 UP

PUMP ISSUE 2

Terminal Housing And Cable Assembly

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		TERMINAL GLAND	11367	13040	1
2	*	CABLE - 50 FT	47325-005		1
3	*	CABLE GRIP	11227L		1
4		STUD	C0808	15991	2
5		HEX NUT	D08	15991	2
6		GLAND BUSHING	10758K	19100	1
7		TERMINAL WASHER	10659	15991	1
8		TERMINAL HOUSING	38381 – 237	13000	1
9		TERMINAL	27214-035		1
10		HEAT SHRINK TUBE	31412-056	19530	2
11		ALLEN HEAD SETSCREW	GA#10-01S	15991	2
12		TERMINAL COLLAR	31811-057	14100	2
13	*	DYNA SEAL WASHER	S1590		2
14	*	DYNA SEAL WASHER	S1590		2
15		TERMINAL POST	11181	14100	2
16		ALLEN HEAD SETSCREW	GA#10-01S	15991	2
17		TERMINAL POST	38724-009	14100	3
18		ALLEN HEAD SETSCREW	GA0501 -1/2	14990	3
19	*	DYNA SEAL WASHER	S1586		3
20	*	DYNA SEAL WASHER	S1586		3
21	*	TERMINAL PLATE GSKT	38687-529	20000	1
22	*	TERMINAL PLATE	38711-001	23010	1
23	*	TERMINAL PLATE GSKT	38687-529	20000	1
24		TERMINAL COLLAR	10144	14100	3
25		ALLEN HEAD SETSCREW	GA0501- 1/2	14990	3
26	*	O-RING	25152-155		1
27		HEAT-SHRINK TUBE	31413-014	19530	3
28		TERMINAL	S1550		1
29		RD HD MACHINE SCREW	X0603	14990	2
30		T TYPE LOCKWASHER	AK06	15991	2
31		DRIVE SCREW	BM#04-03	17000	4
32		INFORMATION PLATE	38816-145	17050	1
NOT	SHO'				
		RTV SEALANT	187711–106		2
OPTIO	ONAL		40245 040		1
		HEAT SHRINK TERMINAL KIT	48315-010		1

^{*} INDICATES PARTS RECOMMENDED FOR STOCK

THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

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

4 of 4 ©Copyright by the Gorman – Rupp Company

Page 150.4 G4 Rev. A JULY 25, 1995

For U.S. and International Warranty Information, Please Visit www.grpumps.com/warranty or call:

U.S.: 419-755-1280 International: +1-419-755-1352

For Canadian Warranty Information,
Please Visit www.grcanada.com/warranty
or call:
519-631-2870