

AC

Use With: OM--04151
MR--04280

PUBLICATION NUMBER PL--04258--03
March 28, 2001



PUMP MODELS
S2B18 230V 3P
S2B18 460V 3P
S2B18 575V 3P

**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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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.

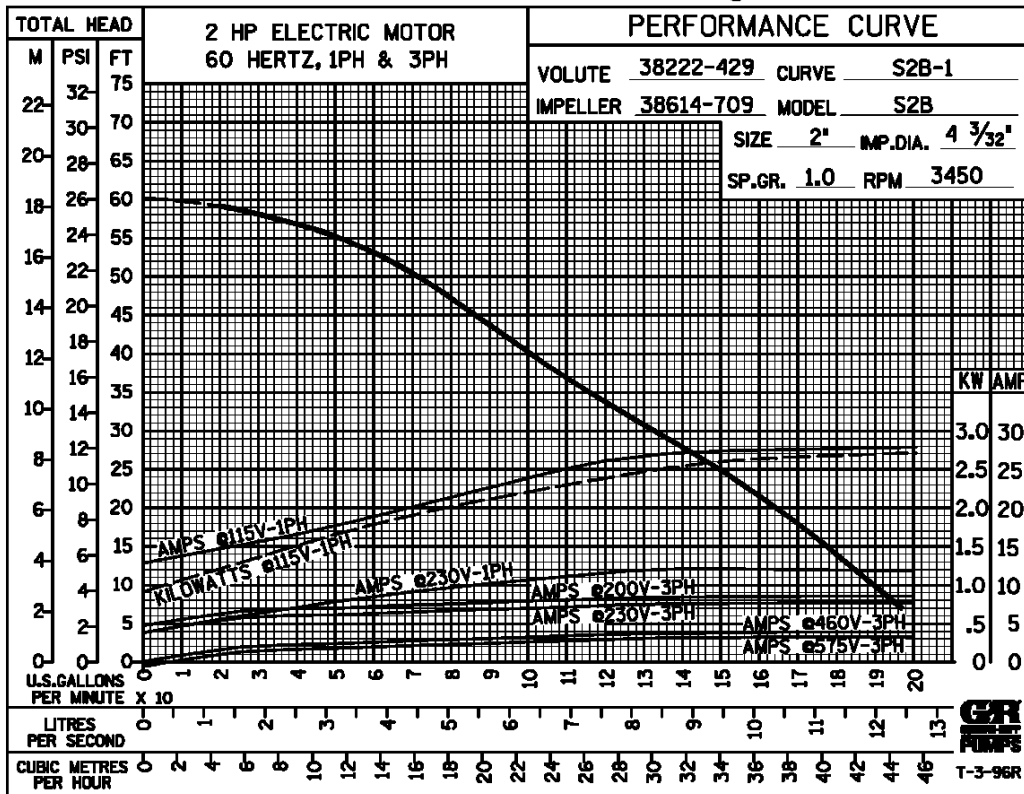
PERFORMANCE CURVES

The performance curves on the following page are 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.

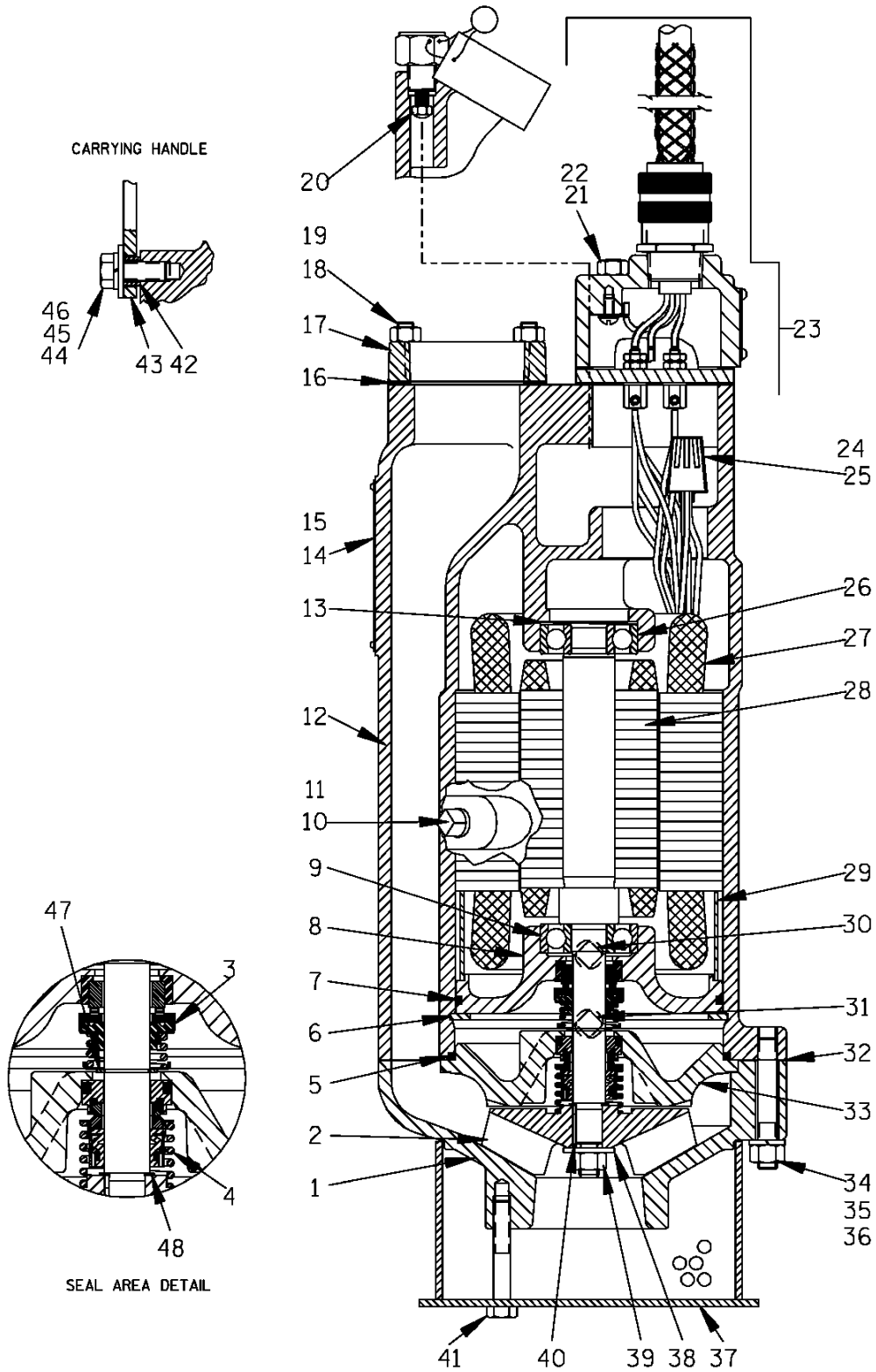
If your pump serial number is followed by an "N", your pump is **NOT** a standard production model. Contact the Gorman-Rupp Company to verify performance or part numbers.



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



Performance Curve – Models S2B18 230V/460V/575V 3P



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S2B18 230V/460V/575V 3P

AC

S/N 1238553 Up
PUMP ISSUE 3

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.

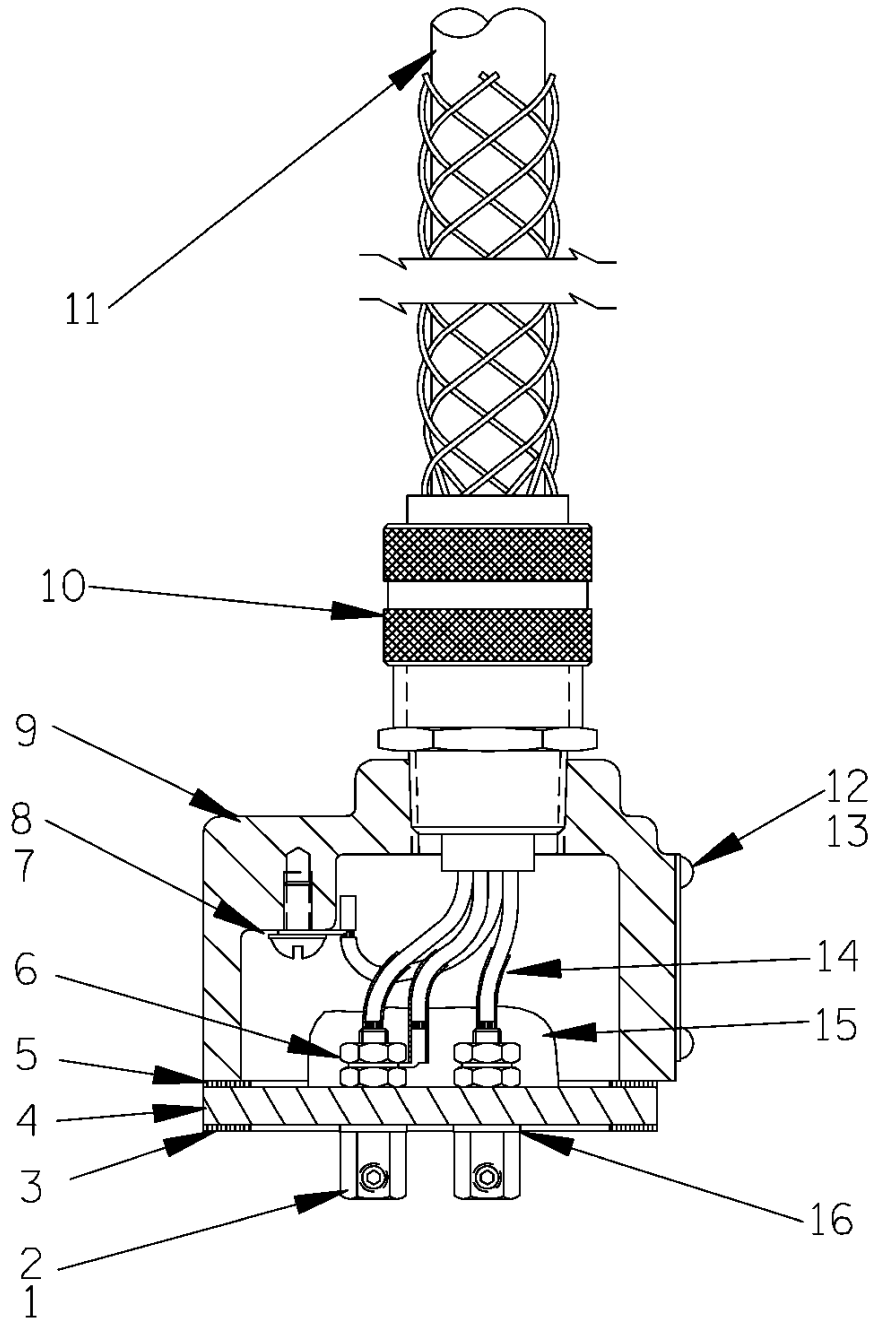
ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	SUCTION CASING	38222-429	17180	1	38	FLAT WASHER	21161-808	---	1
2 *	IMPELLER	38614-709	1718H	1	39	IMPELLER NUT	D06	17000	1
3 *	UPPER SEAL ASSY	25271-824	---	1	40 *	IMPELLER KEY	N0202-1/2	17000	1
4 *	LOWER SEAL ASSY	46512-036	---	1	41	NYLOCK CAPSCREW	BT0508	17000	4
5 *	SEAL PLATE O-RING	25152-250	---	1	42 *	BAIL BUSHING	10194	17090	2
6	RETAINING RING	24121-077	---	1	43	HANDLE	10185A	1502V	1
7 *	INTERMEDIATE O-RING	25152-248	---	1	44	HEX HD CAPSCREW	B0604	17000	2
8	INTERMEDIATE BRACKET	38261-015	13040	1	45	LOCK WASHER	J06	17000	2
9 *	LOWER BALL BEARING	S1512	---	1	46	FLAT WASHER	KB06	17000	2
10	PIPE PLUG	P02	17000	1	47	SEAL SNAP RING	S668	---	1
11	ALLEN HD SETSCREW	GA0501-1/4	15990	1	48 *	IMP ADJ SHIM SET	13130	17000	1
12	MOTOR HOUSING	38311-016	13040	1	NOT SHOWN:				
13	BRG SPRING WASHER	S1554	---	1		DRIVE SCREW			
14	NAME PLATE	38814-055	17000	1		-230V 3P & 460V 3P	BM#04-03	17000	4
15	DRIVE SCREW	BM#04-03	17000	4		-575V 4P	DOES NOT APPLY		
16 *	DISCH FLANGE GSKT	10195G	20000	1		CABLE TIE	27111-212	---	1
17	DISCHARGE FLANGE	10195	13040	1		CONTROL BOX			
18	STUD	C0506	17000	4		-230V 3P	27515-561	---	1
19	HEX NUT	D05	17000	4		-460V 3P	27515-561	---	1
20 *	RELIEF VALVE ASSY	46431-608	---	1		-575V 3P	27515-565	---	1
21	STUD	C0511	17000	4		SUB. PUMP OIL	9568	---	1
22	HEX NUT	D05	17000	4		MOTOR PLATE			
23	TERM HSG/CABLE ASSY	47367-051	---	1		-230V 3P & 460V 3P	10436	17000	1
24	CONNECTOR					-575V 4P	DOES NOT APPLY		
	-230V 3P	S1718	---	1		MOTOR VOLTAGE TAG			
	-460V 3P	S1718	---	3		-230V 3P	38816-094	---	1
	-575V 4P	DOES NOT APPLY				-460V 3P	38816-093	---	1
25 *	HEAT-SHRINK TUBE					-575V 3P	38816-093	---	1
	-230V 3P	31411-235	19450	1		INSTRUCTION TAG	6588AC	---	1
	-460V 3P	31411-235	19450	3		HEATER PACK			
	-575V 4P	DOES NOT APPLY				-230V 3P	27521-203	---	1
26 *	UPPER BALL BEARING	S1512	---	1		-460V 3P	27521-201	---	1
27	STATOR					-575V 3P	27521-201	---	1
	-230V 3P & 460V 3P	47113-854	---	1		OPTIONAL:			
	-575V 3P	47113-864	---	1		* REPAIR GASKET SET	11000T	---	1
28 *	ROTOR W/SHAFT ASSY	47112-801	---	1		STAGING ADAPTOR KIT	48272-002	---	1
29	MOTOR BUSHING	31173-018	23010	1		ANODE PLATE ASSY	42116-001	---	1
30	PIPE PLUG	P04	17000	1		LIQUID LEVEL DEVICES:			
31	SEAL CVTY DRAIN PLUG	P04	17000	1		-DIAPHRAGM TYPE	GRP48-03 or GRP48-061		
32 *	SUCT CASING GSKT	38674-807	20000	1		-FLOAT TYPE	27471-180	---	1
33	SEAL PLATE	38272-830	1718H	1		120V LIQ LVL CONTROL			
34	STUD	C0610	17000	4		-230V 3P & 460V 3P	27521-322	---	1
35	HEX NUT	D06	17000	4		-575V 3P	47631-072	---	1
36	LOCK WASHER	J06	17000	4					
37 *	STRAINER ASSY	46611-005	24170	1					

* INDICATES PARTS RECOMMENDED FOR STOCK

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**S/N 1238553 Up
PUMP ISSUE 3**

Terminal Housing

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	11181	14100	3
2	ALLEN HD SETSCREW	GA#10-01S	15991	3
3	* LOWER FLANGE GASKET	10195G	20000	1
4	TERMINAL PLATE	38713-007	23010	1
5	* UPPER FLANGE GASKET	10195G	20000	1
6	HEX NUT	D#10	14990	6
7	ROUND HEAD MACHINE SCREW	X#10-01 1/2	14990	1
8	T TYPE LOCK WASHER	AK#10	15991	1
9	TERMINAL HOUSING	38381-224	13040	1
10	CABLE GRIP	S1553	---	1
11	* CABLE ASSEMBLY	10551A	---	1
12	INFORMATION PLATE	38816-047	17990	1
13	DRIVE SCREW	BM#04-03	17000	4
14	* HEAT-SHRINK TUBE	31411-203	19530	3
15	1 OZ RTV SEALANT	18771-106	---	1
16	* DYNA-SEAL WASHER	S1590	---	3
OPTIONAL:				
	HEAT SHRINK TERMINAL KIT	48315-008	---	1

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**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

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