

AC

Use With: OM--04151  
MR--04269

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Pump Issue 1  
February 2, 1995  
Supersedes: OM--03390--OM01



**PUMP MODEL  
S3C1-KW4 3/50/380**

**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.

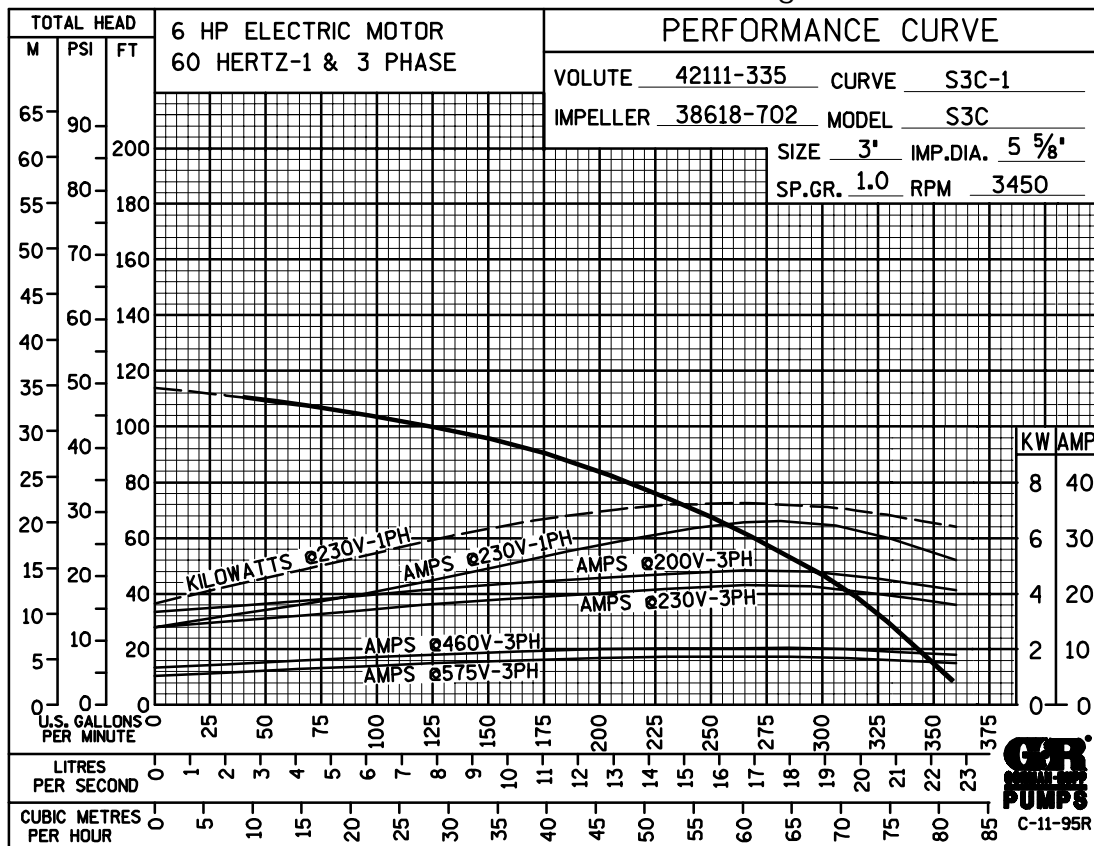
### PERFORMANCE CURVES

The performance 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.

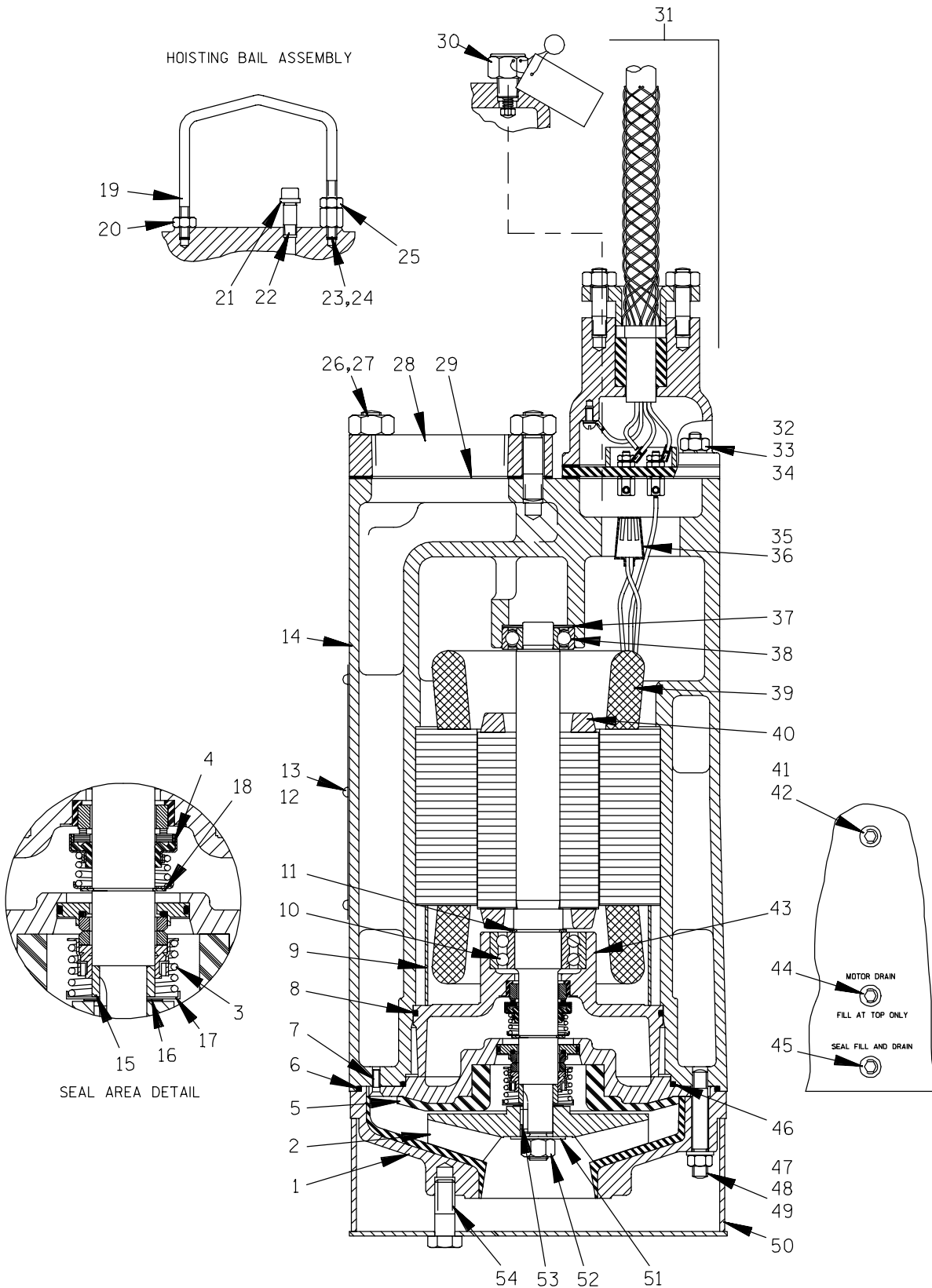
If your pump serial number is followed by an "N", your pump is **NOT** a standard production model. Contact the Gorman-Rupp Company to verify performance or part numbers.



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



Performance Curve – Model S3C1 – KW4 3/50/380



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S/N 1084901 Up  
PUMP ISSUE 1

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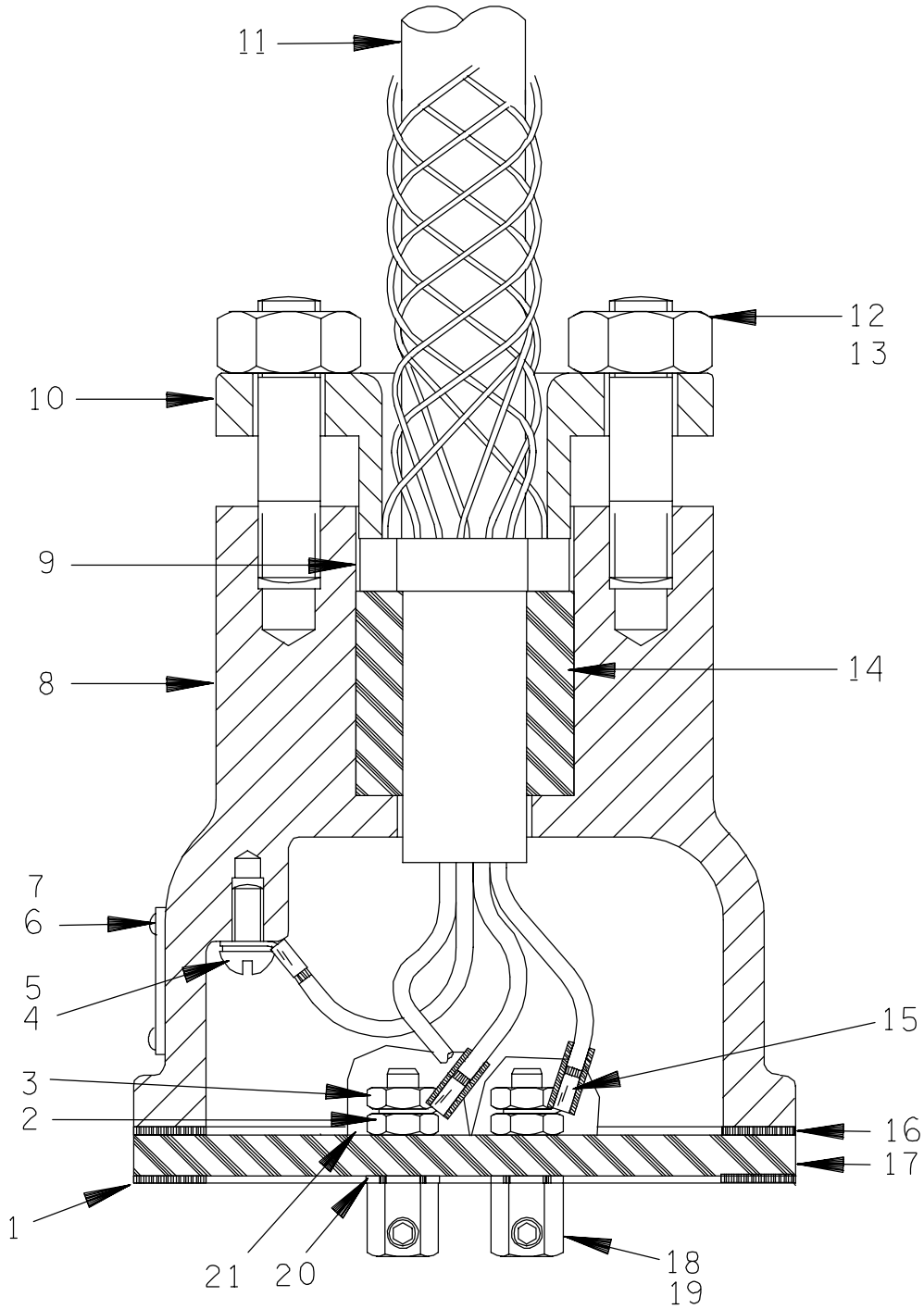
ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	SUCTION HEAD ASSY	42111-335	24010	1	41	ALLEN HD SETSCREW	GA0603	15990	1
2 *	IMPELLER	38618-702	11060	1	42	SOCKET HD PIPE PLUG	PC04	17000	1
3 *	LOWER SEAL ASSY	25277-345	---	1	43	INTERMEDIATE	38311-803	13040	1
4 *	UPPER SEAL ASSY	S1832	---	1	44	MTR CAVITY DRAIN PLUG	PC04	17000	1
5	SEAL PLATE ASSY	42111-066	24010	1	45	SEAL CVTY DRAIN PLUG	PC04	17000	1
6 *	MTR HSG O-RING	25152-270	---	1	46 *	SEAL PLATE O-RING	S2194	---	1
7	FH MACH SCREW	Y#10-03	17000	2	47	STUD	C0611	17000	6
8 *	INTERMEDIATE O-RING	25152-258	---	1	48	LOCK WASHER	J06	17000	6
9	MOTOR BUSHING	31173-017	23010	1	49	HEX NUT	D06	17000	6
10 *	LOWER BALL BEARING	23425-007	---	1	50	STRAINER	46611-001	2415V	1
11	BEARING SNAP RING	S1831	---	1	51	FLAT WASHER	KB08	17000	1
12	NAME PLATE	2613CY	17020	1	52	HVY IMPELLER NUT	22561-145	---	1
13	DRIVE SCREW	BM#04-03	17000	6	53 *	IMPELLER KEY	N0302 1/2	17000	1
14	MOTOR HOUSING	38311-012	13040	1	54	NYLOCK CAPSCREW	BT0806	15991	3
15	SHAFT SLEEVE	13878	17020	1	NOT SHOWN:				
16 *	IMPLLER ADJ SHIM SET	2Y	17090	REF		MOTOR PLATE	10436	17000	1
17 *	SEAL SPRING RETAINER	8793	17990	1		DRIVE SCREW	BM#04-03	17000	4
18	SEAL RETAINING RING	S362	---	1		QT. SUB PUMP OIL	9568	---	1
19	HOISTING BAIL	31926-009	1503V	1		CONTROL BOX ASSY	47631-117	---	1
20	HEX NUT	D08	15991	1		MOTOR VOLTAGE TAG	38816-381	---	1
21	PIPE CAP	25381-003	---	1		IMPELLER PULLER	10285	---	1
22	HVY PIPE NIPPLE	THA0608	15071	1		CABLE TIE	27111-212	---	1
23	STUD	C0806	15991	1		INSTRUCTION TAG	6588AC	---	1
24	COUPLING NUT	31811-019	15031	1	OPTIONAL:				
25	HEX NUT	D08	15991	1		* REPAIR GASKET SET	11000S	---	1
26	STUD	C0809	15991	3		STAGING ADAPTOR KIT	48272-003	---	1
27	HEX NUT	D08	15991	3		-DISCHARGE FLANGE	38641-006	13040	1
28	DISCHARGE FLANGE	38641-006	13040	1		-GASKET	38687-045	19370	1
29 *	DISCH FLANGE GSKT	38687-045	20000	1		316 SST IMPELLER	38618-702	17070	1
30 *	RELIEF VALVE ASSY	46431-608	---	1		CD4MCU IMPELLER	38618-702	17180	1
31	TERM HSG/CABLE ASSY	47367-041	---	1		SST STRAINER	46611-006	24170	1
32	STUD	C0506	15991	4		* BEARING REPAIR KIT	48124-902	---	1
33	LOCK WASHER	J05	15991	4	LIQUID LEVEL DEVICES:				
34	HEX NUT	D05	15991	4		DIAPHRAGM TYPE	GRP48-03 or GRP48-061		
35	CONNECTOR	S1718	---	3		FLOAT TYPE	27471-155	---	1
36	HEAT SHRINK TUBE	31411-235	19450	3	24V LOW VOLT CONTROL 47631-502 --- 1				
37	BRG SPRING WASHER	S1554	---	1					
38 *	UPPER BALL BEARING	S1044	---	1					
39	STATOR ASSY	47113-861	---	1					
40 *	ROTOR & SHAFT ASSY	47112-806	---	1					

\* INDICATES PARTS RECOMMENDED FOR STOCK

Above Serial Numbers Do Not Apply To Pumps Made In Canada.

CANADIAN SERIAL NO. .... AND UP

**THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**



S/N 1084901 Up  
PUMP ISSUE 1

### Terminal Housing

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ITEM NO.		PART NAME	PART NUMBER	MAT'L CODE	QTY
1	*	LOWER TERMINAL PLATE GASKET	10321G	20000	1
2		HEX NUT	D#10	14990	3
3		HEX NUT	D#10	14990	3
4		ROUND HEAD MACHINE SCREW	X#10-01 1/2	14990	1
5		T TYPE LOCK WASHER	AK#10	15991	1
6		INFORMATION PLATE	38816-047	17990	1
7		DRIVE SCREW	BM#04-03	17000	4
8		TERMINAL HOUSING	10757	13040	1
9		CABLE GRIP	11227B	---	1
10		TERMINAL CAP	10756B	13040	1
11		CABLE ASSEMBLY	9166H	---	1
12		STUD	C0606	15991	2
13		HEX NUT	D06	15991	2
14	*	GLAND BUSHING	10758F	19100	1
15		HEAT SHRINK TUBE	31411-203	19530	3
16	*	UPPER TERMINAL PLATE GASKET	10321G	20000	1
17		TERMINAL PLATE	10320A	23010	1
18		TERMINAL	11181	14100	3
19		ALLEN HEAD NYLOCK MACHINE SCREW	GA#10-01S	15991	3
20	*	DYNA SEAL WASHER	S1590	---	3
21		1 OZ RTV SEALANT	18771-106	---	1

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](http://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](http://www.grcanada.com/warranty)  
or call:  
519-631-2870**