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Use With: OM-04417  
MR-04431

PUBLICATION NUMBER PL-04434-01  
March 19, 1996; Rev. B 03/06/98  
Supersedes: OM-03267-01



**PUMP MODEL**  
**SM3B65-X6 460/575/3**

**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: \_\_\_\_\_

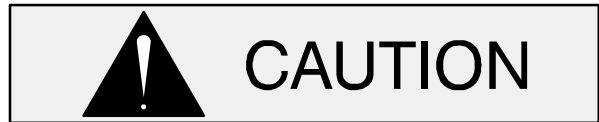
### WARRANTY INFORMATION

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.

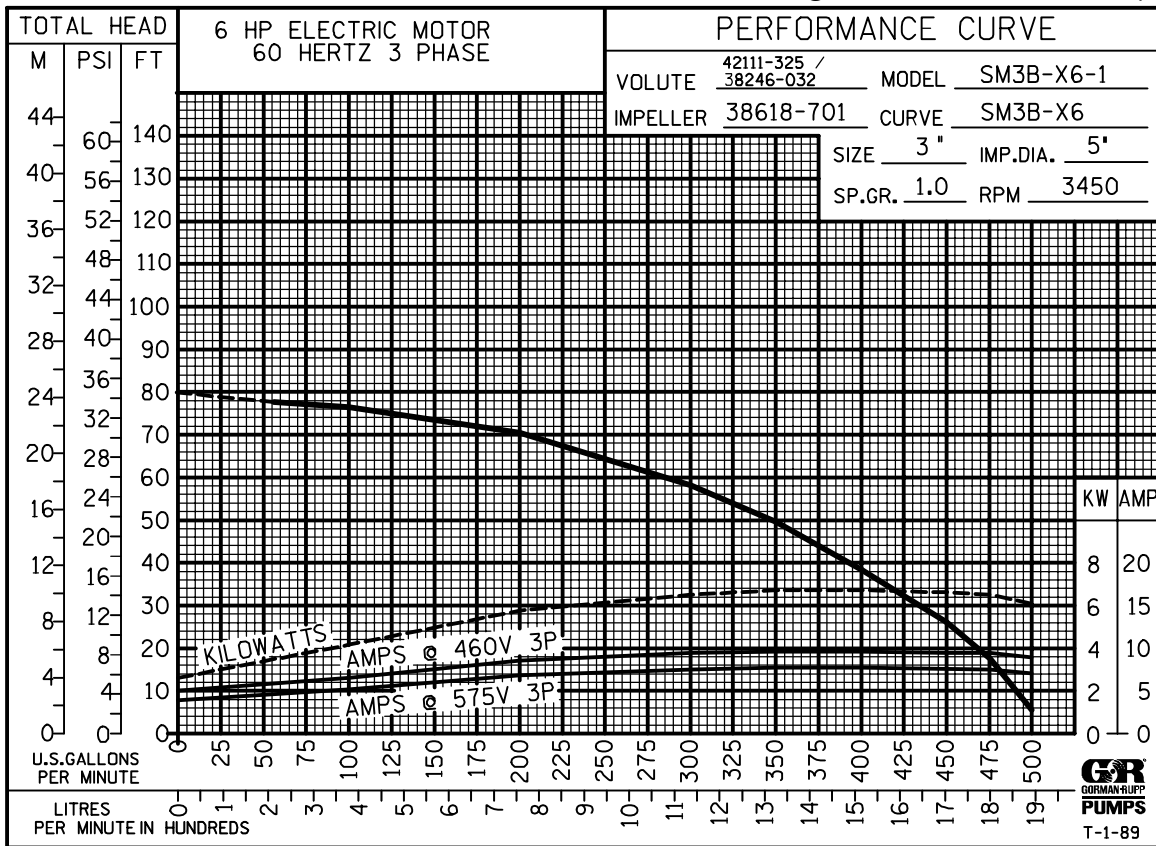
### PERFORMANCE CURVES

The performance curve on this page 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.



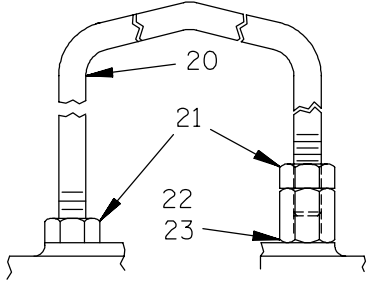
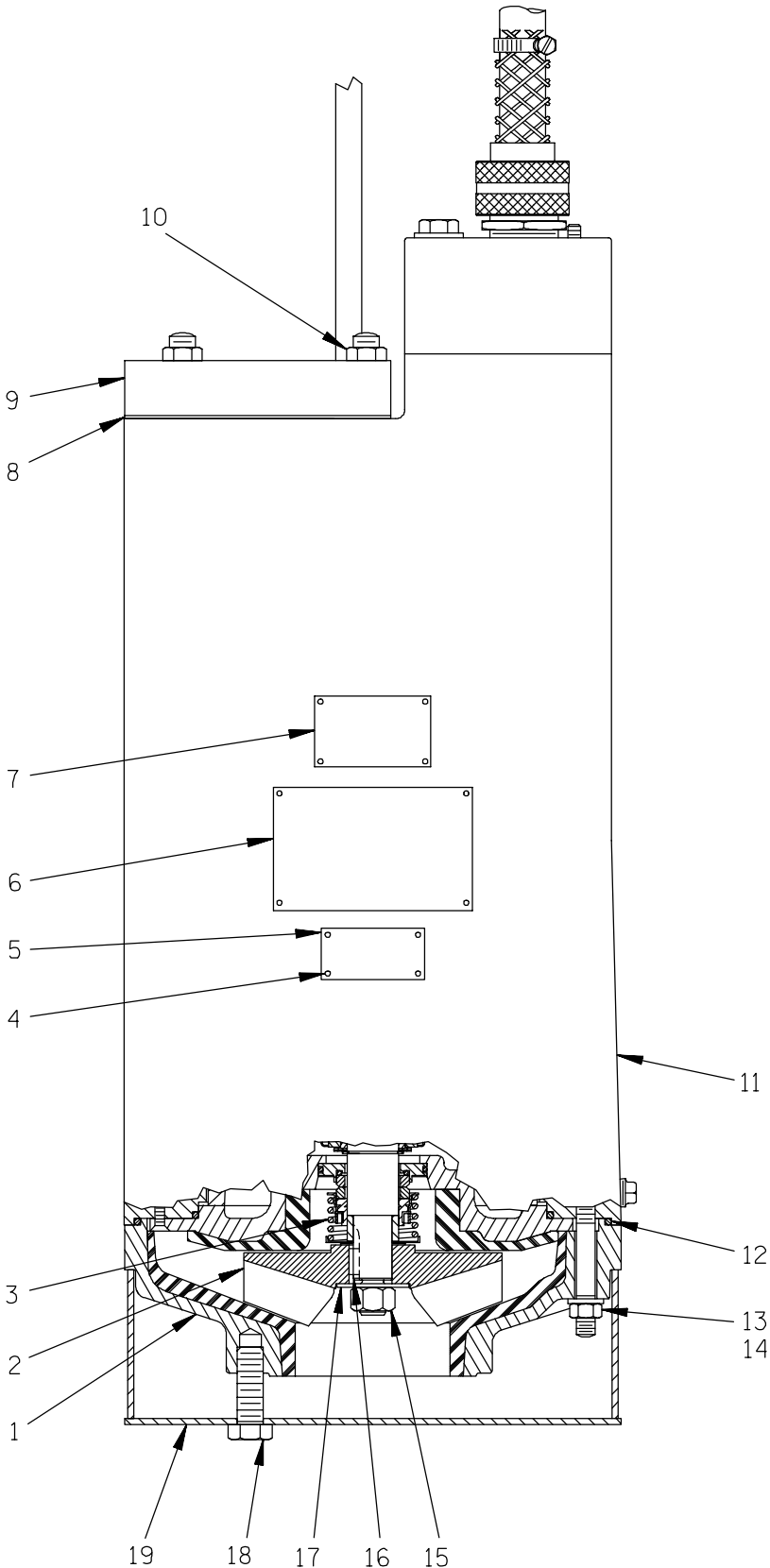
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



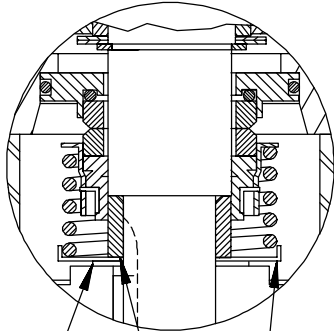
**Performance Curve – Model SM3B65-X6 460/575/3**

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S/N 920668 Up  
PUMP ISSUE 1



HOIST BAIL ASSEMBLY



SEAL AREA DETAIL

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

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Printed in U.S.A.

JUNE 1, 1989  
Rev. B 03/06/98

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**S/N 920668 Up  
PUMP ISSUE 1**

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	SUCTION HEAD ASSY	38246-032	1718H	1
2	* IMPELLER	38618-701	1718H	1
3	* SEAL ASSEMBLY	46512-071	---	1
4	DRIVE SCREW	BM#04-03	17090	12
5	PENN DOER APPL PLATE	2613FL	17040	1
6	* MSHA PLATE	2613ES	17040	1
7	NAME PLATE	2613DD	17040	1
8	* DICHARGE FLANGE GASKET	38687-045	19370	1
9	DISCHARGE FLANGE	38641-006	17070	1
10	HEX NUT	D08	17090	3
11	MOTOR ASSEMBLY			
	—460V	47111-086	---	1
	—575V	47111-087	---	1
12	* SUCTION HEAD O-RING	25154-270	---	1
13	LOCKWASHER	J06	17090	6
14	HEX NUT	D06	17090	6
15	* IMPELLER NUT	22561-165	---	1
16	* IMPELLER KEY	N0302 1/2	17090	1
17	FLAT WASHER	KB08	17090	1
18	NYLOCK CAPSCREW	BT0806	17090	3
19	STRAINER ASSY	46611-010	24170	1
20	HOIST BAIL	31926-009	17130	1
21	HEX NUT	D08	17090	2
22	STUD	C0806	17090	1
23	COUPLING NUT	31811-019	17130	1
24	* IMPELLER ADJ SHIM SET	2Y	17090	REF
25	* SHAFT SLEEVE	13878	17090	1
26	* SPRING RETAINER	8793	17090	1

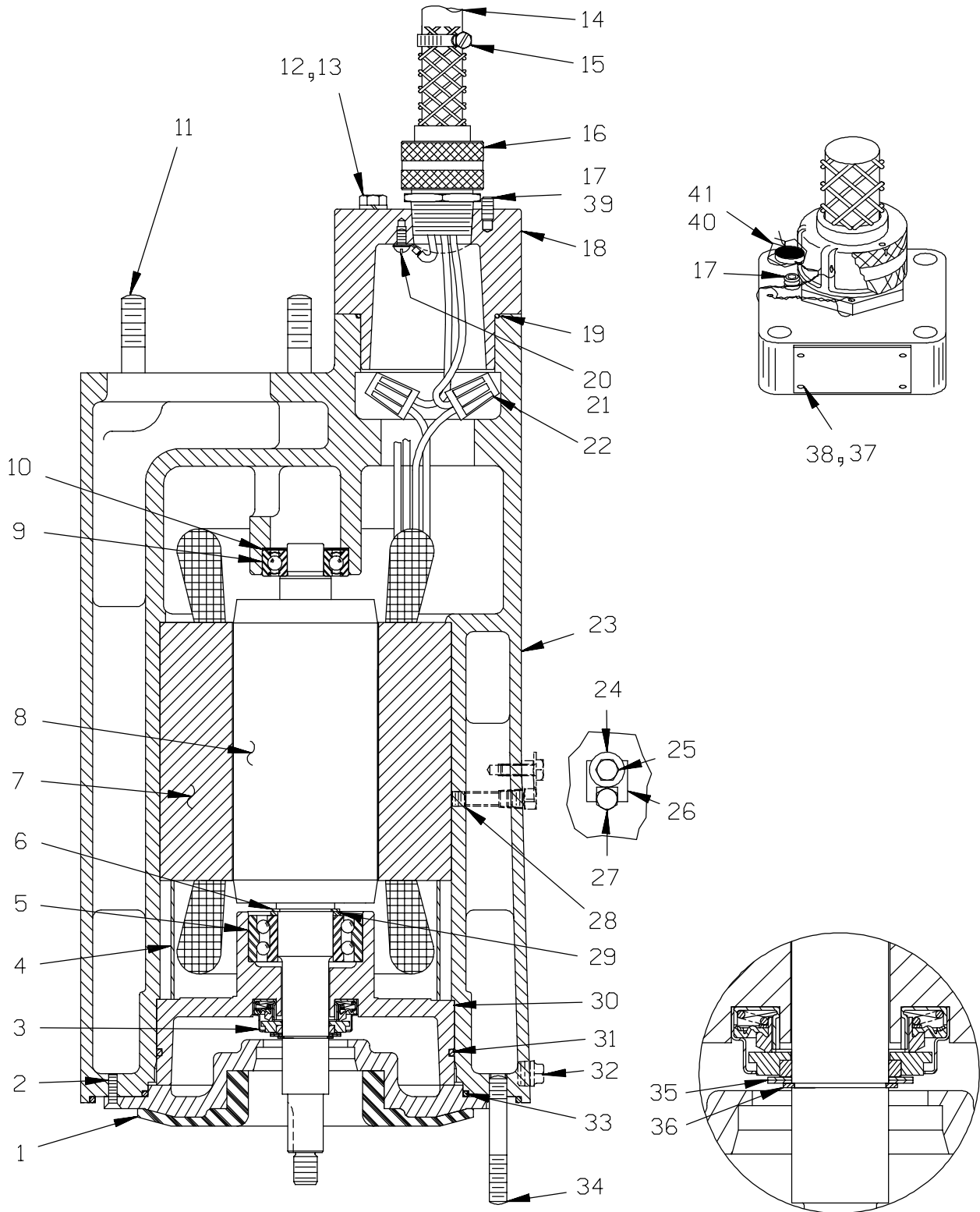
**NOT SHOWN:**

QUART SUBMERSIBLE PUMP OIL	9568	---	1
VOLTAGE TAG			
—460V	6588BL	---	1
—575V	6588BM	---	1
CONTROL BOX			
—460V	47631-148	---	1
—575V	47631-149	---	1

\* INDICATES PARTS RECOMMENDED FOR STOCK

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SEAL AREA DETAIL

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S/N 920668 Up  
PUMP ISSUE 1

ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	SEAL PLATE ASSY	38272-351	1718H	1
2	FLAT HEAD MACHINE SCREW	Y#10-03	17090	2
3	* MECH SEAL ASSY	25276-031	----	1
4	MOTOR BUSHING	31173-017	23010	1
5	* BALL BEARING	23425-007	----	1
6	SNAP RING	S1831	----	1
7	STATOR (460V)	47113-817	----	1
	STATOR (575V)	47113-818	----	1
8	ROTOR & SHAFT ASSY	47112-811	----	1
9	* BALL BEARING	23257-009	----	1
10	SPRING WASHER	S1554	----	1
11	STUD	C0809	17090	3
12	HEX HD CAPSCREW	B0511	17090	4
13	LOCKWASHER	J05	17090	4
14	* CABLE ASSY - 50 FT.	47351-011	----	1
15	HOSE CLAMP	26518-766	----	1
16	CABLE GRIP ASSY	27111-816	----	1
17	ALLEN HEAD SETSCREW	GA0402	17090	1
18	TERMINAL HOUSING	38381-225	17040	1
19	* TERMINAL HOUSING O-RING	25154-149	----	1
20	RD HD MACH SCREW	X#10-01 1/2	14990	2
21	T-TYPE LOCKWASHER	AK#10	15991	2
22	CONNECTOR	S1718	----	5
23	MOTOR HOUSING	38311-045	17040	1
24	FLAT WASHER	KB04	17040	1
25	NYLOCK CAPSCREW	BT0403	17040	1
26	LOCK CLIP	33645-008	17040	1
27	PIPE PLUG	38649-022	17090	1
28	ALLEN HEAD SETSCREW	GA0501 1/4	15990	1
29	BEARING SPACER	21161-401	----	1
30	INTERMEDIATE	38261-024	13040	1
31	* INTERMEDIATE O-RING	25152-258	----	1
32	* SEAL CAVITY FILL PLUG	P04	17090	1
33	* SEAL PLATE O-RING	S2194	----	1
34	STUD	C0611	17090	6
35	* ADJUSTING SHIM SET	2X	17090	1
36	RETAINING RING	24124-332	----	1
37	CERTIFICATION PLATE	2613GX	17040	1
38	DRIVE SCREW	BM#04-03	17090	4
39	ALLEN HEAD SETSCREW	GA0401	17090	1
40	WIRE - 14 IN.	14964-103	----	1
41	LEAD SEAL	21188-002	----	1

## OPTIONAL:

REPAIR BEARING KIT	48124-902	----	1
RTV SEALANT	18771-106	----	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**