MR--04269

PUBLICATION NUMBER PL--04202--03 Pump Issue 3 March 20, 2001



# PUMP MODELS S3C65-E6 230/460/575/3

MANUAL PART 2 of 3

PARTS
LIST
WITH
PERFORMANCE CURVE

S SERIES PUMP PL--04286

#### 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.

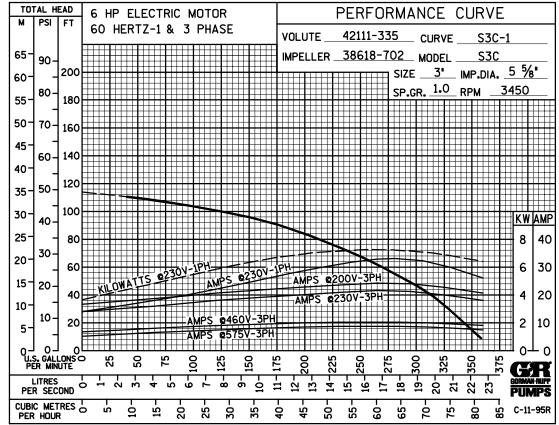
#### PERFORMANCE CURVES

The performance 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.

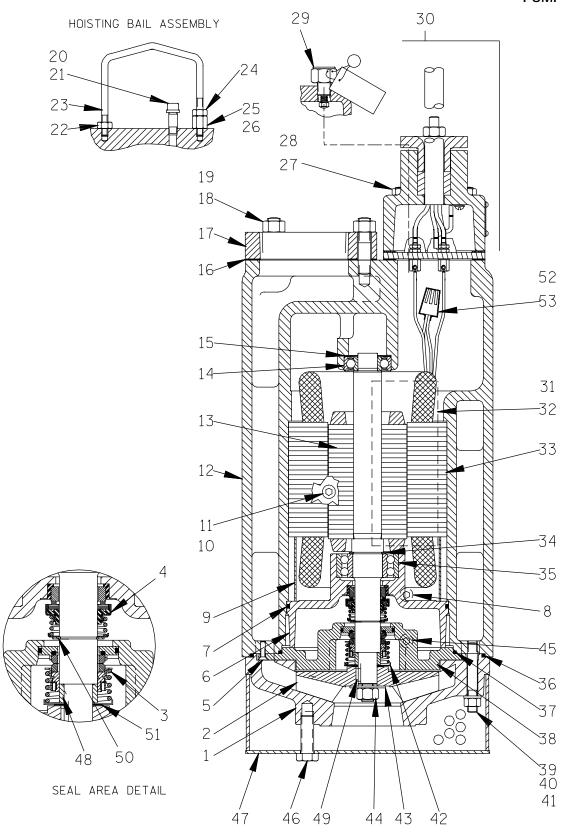


Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve - Model S3C65-E6 230/460/575/3

PART LIST MANUAL PAGE A -- 1



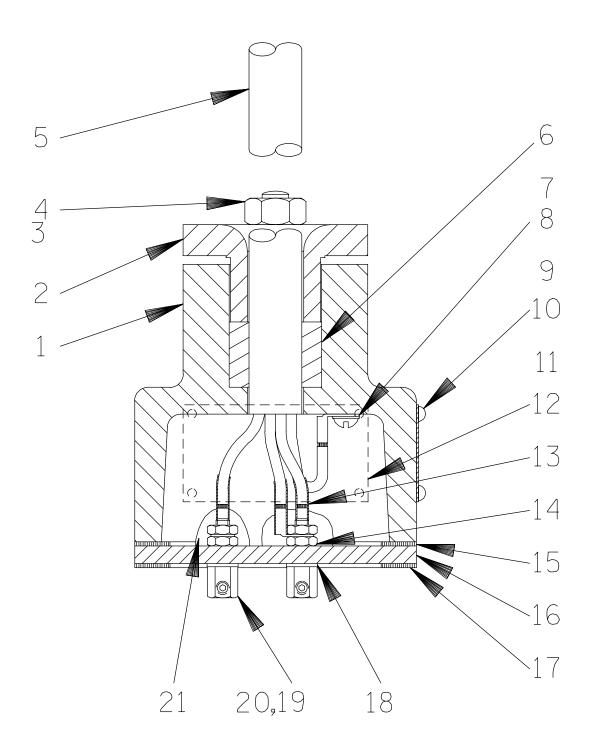
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4 * UPPER SEAL ASSY S1832 1 46 NYLOCK CAPSCREW BT0806 5 FLT HD MACHINE SCREW Y#10-03 17090 2 47 STRAINER ASSY 46611-010	17090  17090 17090	1 1
3 * LOWER SEAL ASSY 46512-071 1 45 SOC PIPE PLUG PC04 4 * UPPER SEAL ASSY S1832 1 46 NYLOCK CAPSCREW BT0806 5 FLT HD MACHINE SCREW Y#10-03 17090 2 47 STRAINER ASSY 46611-010	17090	1
4 * UPPER SEAL ASSY S1832 1 46 NYLOCK CAPSCREW BT0806 5 FLT HD MACHINE SCREW Y#10-03 17090 2 47 STRAINER ASSY 46611-010		
5 FLT HD MACHINE SCREW Y#10-03 17090 2 47 STRAINER ASSY 46611-010	17090	1
5 FLT HD MACHINE SCREW Y#10-03 17090 2 47 STRAINER ASSY 46611-010		3
	24170	1
0 INTERIVIEDIATE 38311-803 13040 I I	17090	1
7 * INTERMEDIATE O - RING 25152-258 1 49 IMPELLER KEY N0302 1/2	17090	1
8 SOCKET HD PIPE PLUG PC04 17090 1 50 SEAL RETAINING RING 24124-332		1
9 WOTOR DUSTING STITS-UT 23010 1	17090	1
10 ALLEN HD SETSCREW GA0603 15990 1 52 CONNECTOR		
11 SOCKET HD PIPE PLUG PC04 17090 1 -230/3 AND 460/4 S1718		3
12 MOTOR HOUSING 38311-033 17070 1 -575/3 DOES NOT AF	PPLY	
13 * ROTOR & SHAFT ASSY 47112-810 1 53 HEAT SHRINK TUBE		
14 * LIPPER BALL BEARING \$1044 1 -230/3 31411-235	19450	1
15 BRG SPRING WASHER \$1554 1 -460/4 31411-235	19450	3
16 * DISCH FLANGE GSKT 38687-045 19370 1 -575/3 DOES NOT AF	PPLY	
17 DISCHARCE ELANGE 38641 006 17070 1		
18 STUD C0809 17090 3		4
10 310D C0007 17070 3 SUB PUMP OIL 9568 19 HEX NUT D08 17090 3 CARLE TIE 27111 212		1
20 HVY PIPE NIPPLE THA0608 17090 1 CABLE TIE 27111-212		1
21 PIPE CAP 25471-223 1 CONTROL BOX ASSY -230/3 27515 - 564		1
21 FILE CAL 2347 1-223 1 -230/3 27515 - 564 22 HEX NUT D08 17090 1 -460/3 27515 - 562		1 1
23 HOISTING BAIL 31926-009 17130 1 -575/3 27515-565		1
24 HEX NUT D08 17090 1 IMPELLER PULLER 10285		1
25 STUD C0806 17090 1 VOLTAGE TAG		'
26 COUPLING NUT 31811-019 17130 1 -230/3 38816-094		1
27 STUD C0513 17090 4		1
28 HEX NUT D05 17090 4 -575/3 38816-128		1
29 * RELIEF VALVE ASSY 46431-646 1 HEATER PACK		'
30 TERM HSG & CAB ASSY 47367-043 1 -230/3 27521-206		1
31 NAME PLATE 38818-039 17090 1 -460/3 27521 - 203		1
32 DRIVE SCREW BM#04-03 17090 6		1
33 STATOR		
-230/3 AND 460/3 47113-861 1 OPTIONAL:		
-575/3 47113-862 1 REPAIR GSKT SET 11000AA		1
34 BEARING SNAP RING S1831 1 HEAT SHRINK TERM KIT 48315-003		1
35 * LOWER BALL BEARING 23425-007 1 STAGING ADAPTOR KIT 48272-015		1
36 ★ MTR HSG O – RING 25154-270 – – 1		
37 ★ SEAL PLATE O – RING 25154-261 – – 1 LIQUID LEVEL DEVICES:		
38 SEAL PLATE ASSY 38272-350 1718H 1 DIAPHRAGM TYPE GRP48-03 or 0	GRP48-	06 1
39 STUD C0611 17090 6 FLOAT TYPE 27471-180		1
40 LOCK WASHER J06 17090 6 120 VOLT CONTROL		
41 HEX NUT D06 17090 6 –230/3 AND 460/3 47631-136		1
42 * SEAL SPRING RETAINER 8793 17090 1 -575/3 47631-072		1

<sup>\*</sup> INDICATES PARTS RECOMMENDED FOR STOCK

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## **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
		TERMINAL HOUGING			
1		TERMINAL HOUSING	38381-233	17070	1
2		TERMINAL CAP	38381-626	17070	1
3		STUD	C0606	17090	2
4		HEX NUT	D06	17090	2
5	*	CABLE ASSEMBLY	47351-055		1
6	*	GLAND BUSHING	10758F	19540	1
7		ROUND HEAD MACHINE SCREW	X#10-02	14990	1
8		T TYPE LOCK WASHER	AK#10	15991	1
9		INFORMATION PLATE	38816-047	17050	1
10		DRIVE SCREW	BM#04-03	17090	4
11		MOTOR PLATE	10436	17050	1
12		DRIVE SCREW	BM#04-03	17090	4
13		HEAT SHRINK TUBE	31412-053	19530	3
14		HEX NUT	D#10	14990	6
15	*	UPPER TERMINAL PLATE GASKET	38687-525	19370	1
16		TERMINAL PLATE	38713-008	23010	1
17	*	IOWER TERMINAL PLATE GASKET	38687-525	19370	1
18		DYNA – SEAL WASHER	S1590		3
19		TERMINAL	11181	14100	3
20		ROUND HEAD NYLOCK MACHINE SCREW	GA#10-01S	15991	3
20		1 OZ RTV SEALANT	18771 – 106	13991	ე 1
21		I UZ RIV SEALANI	18//1-100		ļ
OPTIONA	\ I ·				
OF HOINE	۱L.	HEAT SHRINK TERMINAL KIT	48315-003		1
		FILAT STIKINK TERMINAL KIT	40313-003		ı

<sup>\*</sup> INDICATES PARTS RECOMMENDED FOR STOCK

# 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