Supersedes: OM--03215--02

Use With: OM--04151

MR--04319



PUMP MODEL S8D1-E275 460/575/3

MANUAL PART 2 of 3

PARTS
LIST
WITH
PERFORMANCE CURVE

PL--04220 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.

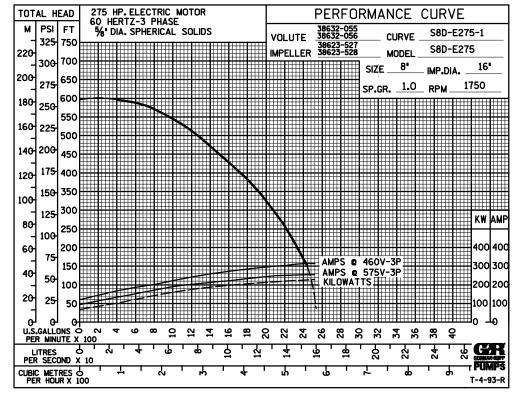
PERFORMANCE CURVES

The performance 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.



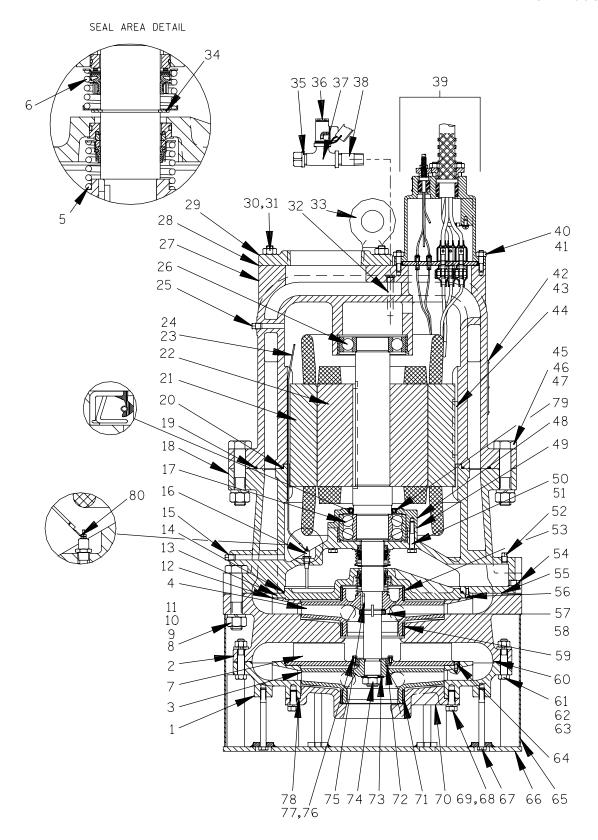
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve - Model S8D1-E275 460/575/3

PARTS LIST MANUAL PAGE A -- 1

S/N 996332 UP PUMP ISSUE 2



THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

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

©Copyright by the Gorman – Rupp Company

1 of 4

AUGUST 28, 1997

S/N 996332 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 NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM PART NAME PART MAT'L NO. NUMBER CODE	QTY
1	1ST STAGE DIFFUSER	38632-055	11030	1	48 BEARING CAP 38322-423 10000	1
2	2ND STAGE DIFFUSER	38632-056	11030	1	49 * BEARING CAP GASKET 38683-607 20000	1
3	1ST STAGE IMPELLER	38623-527	11030	1	50 HEX HD CAPSCREW B0812 15991	6
4	2ND STAGE IMPELLER	38623-528	11030	1	51 LOCKWASHER J08 15991	6
5 *	LOWER SEAL ASSY	46512-250		1	52 PIPE PLUG P06 17000	1
6 *	UPPER SEAL ASSY	25271 – 291		1	53 WEAR RING 38691 – 309 14000	1
7	VANE PLATE	38632-543	11030	1	54 PIPE PLUG P06 17000	1
8	HEX HD CAPSCREW	B2025	15991	22	55 * INTERMEDIATE GASKET 38683-823 20000	1
9	STUD	C2021	15991	2	56 SOCKET HD CASPCREW BD0503 17000	8
10	LOCKWASHER	J20	15991	24	57 LOCK NUT 23962-062	1
11	HEX NUT	D20	15991	24	58 LOCKWASHER 23962-562	1
12 *	DIFFUSER GASKET	38682-814	20000	1	59 * WEAR RING 38691–309 14000	1
13	SEAL PLATE	38272-709	10000	1	60 * DIFFUSER GASKET 38682-815 20000	1
	SEAL PLATE O-RING	25152-468		1	61 HEX HD CAPSCREW B1216 15991	20
15	PIPE PLUG	P06	17000	1	62 LOCKWASHER J12 15991	20
16	MOISTURE DETECTOR	27479-006		1	63 HEX NUT D12 15991	20
17 *	LOWER BALL BEARING	23421-419		1	64 SOCKET HD CAPSCREW BD0503 17000	7
18	INTERMEDIATE	38261-028	13000	1	65 STRAINER SCREEN 38661 – 702 1508V	1
19 *	MOTOR HSG O-RING	25152-475		1	66 BASE ASSY 41582-001 2415V	1
20 *	MOTOR HSG O-RING	25152-469		1	67 HEX HD CAPSCREW B1027 15991	6
21	STATOR (460V)	47113-052		1	68 HEX HD CAPSCREW B1207 17000	8
	STATOR (575V)	47113-053		1	69 LOCKWASHER J12 17000 70 SUCTION HEAD 38246-028 10010	8 1
22	ROTOR/SHAFT ASSY	47112-038		1		
23	MOISTURE PROBE WIRE	18147 – 104		1	71 * WEAR RING 38691-309 14000	1
24	TERMINAL	S1741		1	72 * WEAR RING 38691-009 14000	1
25	PIPE PLUG	P06	17000	1	73 IMPELLER WASHER 11199 17000 74 IMPELLER NUT AT20S 17000	1 1
	UPPER BALL BEARING	23275-019		1		
27	MOTOR HOUSING	38311 – 701	13000	1	75 * IMPELLER KEY N0804 17000	1
	FLANGE GASKET	38683-824	20000	1	76 HEX HD CAPSCREW B0402 17000 77 LOCKWASHER J04 17000	2 2
29	DISCHARGE FLANGE	25311-809		1	77 EOCKWASHER 504 17000 78 SUCTION HD GASKET 38683–817 20000	1
30	STUD	C1414	15991	12	79 * OIL SEAL 25227-942	1
31	HEX NUT	D14	15991	12	80 MALE TAB 27236 – 451 – –	1
32	FILL TUBE ASSY EYE BOLT	46331 – 304	24040	1	00 IVIALE IAB 2/230-431	ı
33 34	RETAINING RING	AR2414 24124-050	1505V 	2 1	NOT SHOWN:	
3 4 35	PIPE CAP	V16	11999	1	460V CONTROL BOX 27515 – 285 – – –	1
	PRESS RELIEF VALVE		11999	1	575V CONTROL BOX 27515 - 276	1
30 ↑ 37	STREET TEE ASSY	14139 14138		1	GAL SUB PUMP OIL 9568A	1
38	HEAVY PIPE NIPPLE	THA16	 15079	1	IMPELLER PULLER 5894	1
39	TERMINAL HOUSING	47367-074		1	VOLTAGE TAG (460V) 6588BL	1
37	AND CABLE ASSEMBLY	47307 074		•	VOLTAGE TAG (575V) 6588BM	1
40	STUD	C0809	15991	8	CABLE TIE 27111-212	1
41	DEFORM HEX NUT	DD08	15991	8	OPTIONAL:	
42	NAME PLATE	2613CY	17020	1	* REPAIR GASKET SET 11000AF	1
43	DRIVE SCREW	BM#04-03	17000	6		
44	KEY	N0824	17000	1	LIQUID LEVEL DEVICES:	
45	HEX HD CAPSCREW	B2025	15991	24	DIAPHRAGM TYPE GRP48 – 03 or GRP48	8-061
46	LOCKWASHER	J20	15991	24	FLOAT TYPE 27471 – 180 – – –	1
47	HEX NUT	D20	15991	24		

^{*} INDICATES PARTS RECOMMENDED FOR STOCK

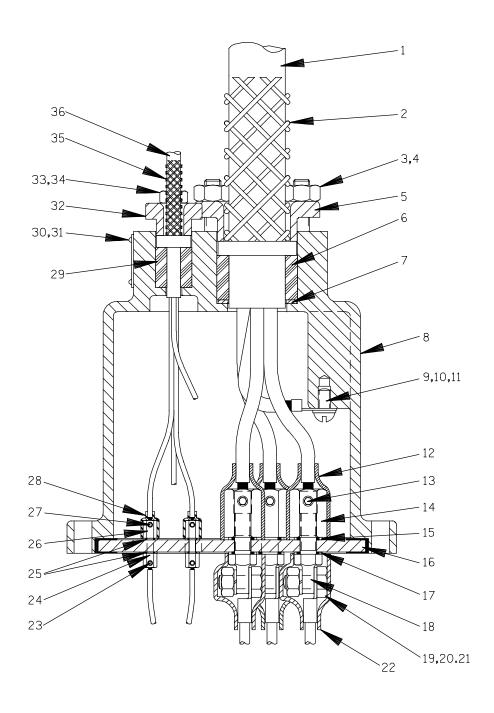
THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

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

2 of 4

©Copyright by the Gorman - Rupp Company

S/N 996332 UP PUMP ISSUE 2



THE GORMAN -- RUPP COMPANY • MANSFIELD, OHIO

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

©Copyright by the Gorman – Rupp Company

S/N 996332 UP PUMP ISSUE 2

Terminal Housing And Cable Assembly

ITEM NO.	ITEM NO. PART NAME		PART NUMBER	MAT'L CODE	QTY	
1	*	#2/0 PWR CABLE - 50 FT.	10325A		2	
2		CABLE GRIP	11227F		2	
3		STUD	C0808	15991	4	
4		HEX NUT	D08	15991	4	
5		TERMINAL GLAND	10658	13040	2	
6		GLAND BUSHING	10758E	19100	2	
7		TERMINAL WASHER	10659B	15991	2	
8		TERMINAL HOUSING	38381-236	13000	1	
9		#2/0 WIRE TERMINAL	27214-065		3	
10		RD HD MACHINE SCREW	X0603	14990	2	
11		T-TYPE LOCKWASHER	AK06	15991	2	
12		HEAT-SHRINK TUBE	31417-030	19530	6	
13		ALLEN HEAD SETSCREW	GA0602	14990	6	
14		TERMINAL COLLAR	31811-058	14100	6	
15	*	DYNA-SEAL WASHER	S1916		6	
16		TERMINAL PLATE ASSY	47114-502		1	
17	*	DYNA-SEAL WASHER	S1916		6	
18		TERMINAL POST	38724-010	14100	6	
19		HEX HD CAPSCREW	B0604	14990	6	
20		LOCKWASHER	J06	15991	6	
21		HEX NUT	D06	14990	6	
22		HEAT-SHRINK TUBE	31415 – 151	19450	6	
23		ALLEN HEAD SETSCREW	GA#10-01S	15991	3	
24		TERMINAL POST	11181	14100	3	
25	*	DYNA-SEAL WASHER	S1590		6	
26		TERMINAL COLLAR	31811-057	14100	3	
27		ALLEN HEAD SETSCREW	GA#10-01S	15991	3	
28		HEAT-SHRINK TUBE	31412-056	19530	3	
29		GLAND BUSHING	10758H	19100	1	
30		INFORMATION PLATE	38816-047	17990	1	
31		DRIVE SCREW	BM#04-03	17000	4	
32		TERMINAL GLAND	10756C	13040	1	
33		STUD	C0606	15991	2	
34		HEX NUT	D06	15991	2	
35		CABLE GRIP	11227A		1	
36	*	#14 CNTRL CABLE – 50 FT.	47324-034		1	
NOT SHO	OWN:					
		RTV SEALANT	18771 – 106		2	
OPTION	AL:					
		HEAT SHRINK TUBE KIT	48315-013		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

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