Use With: OM--04151

MR--04280



PUMP MODELS

S2E18 230V 3P, S2E18 460V 3P, S2E18 575V 3P

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.

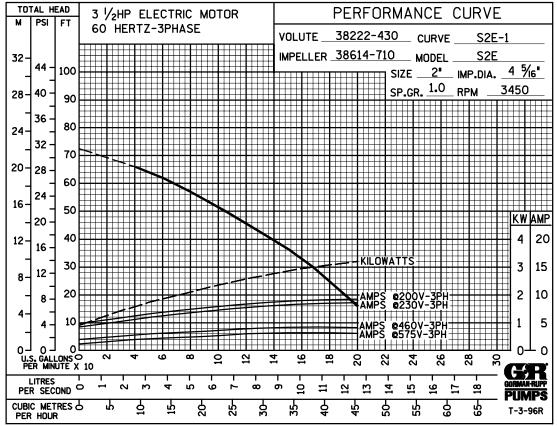
PERFORMANCE CURVES

The performance 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.



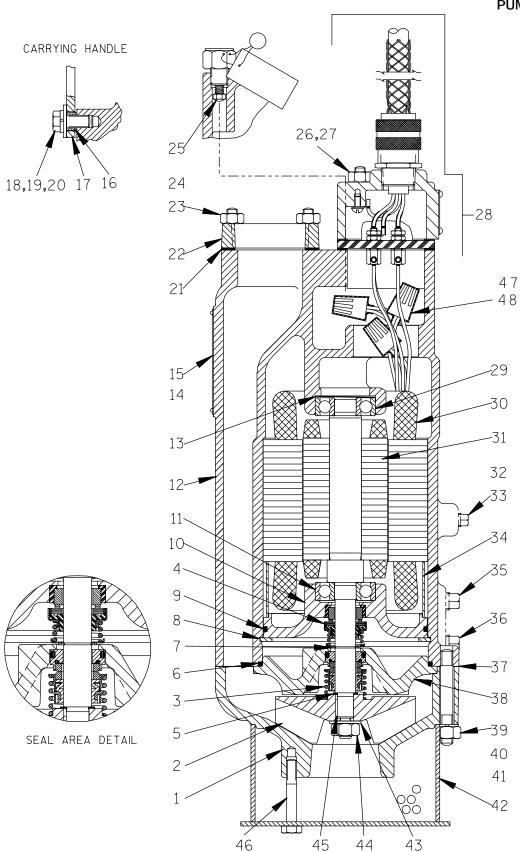
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve - Models S2E18 230V, 460V, 575V 3P

PART LIST MANUAL PAGE A -- 1

S/N 1225204 Up PUMP ISSUE 3



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED ● ST. THOMAS, ONTARIO, CANADA

Printed in U.S.A.

S2E18 230V 3P, S2E18 460V 3P S2E18 575V 3P

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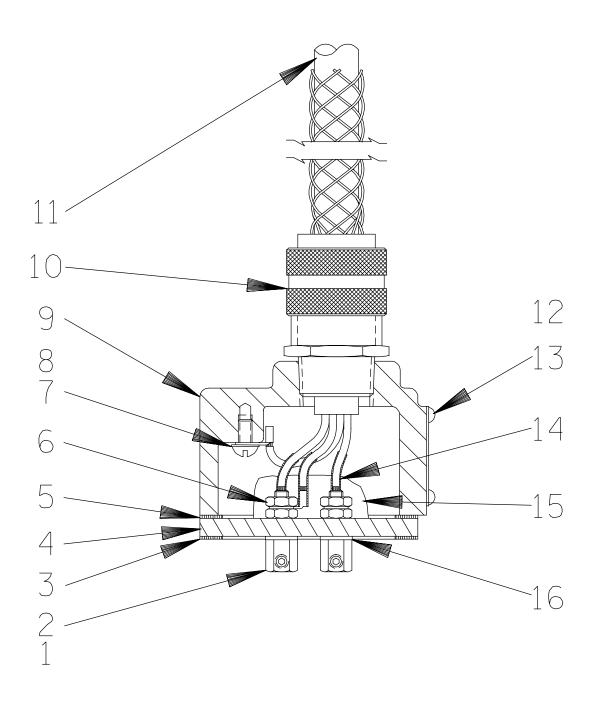
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ITEM PART NAME NO.	PART NUMBER	MAT'L CODE	QTY	ITEM PART NAME NO.	PART NUMBER	MAT'L CODE	QTY
1 SUCTION CASING	38222-430	17180	1	43 FLAT WASHER	21161-808		1
2 * IMPELLER	38614-710	1718H	1	44 IMPELLER NUT	D06	17000	1
3 ★ LOWER SEAL ASSY	46512-036		1	45 ★ IMPELLER KEY	N0202 – 1/2	17000	1
4 * UPPER SEAL ASSY	25271-824		1	46 NYLOCK CAPSCREW	BT0508	17000	4
5 * IMP ADJ SHIM SET	13130	17000	1	47 CONNECTOR			
6 ★ SEAL PLATE O-RING	25152-250		1	-230V 3P	S1718		1
7 SEAL SNAP RING	S668		1	-460V 3P	S1718		3
8 RETAINING RING	24121-077		1	–575V 3P	DOES NOT	APPLY	
9 * INTERMEDIATE O-RING	25152-248		1	48 * HEAT-SHRINK TUBE			
10 INTERMEDIATE BRACKET	38261-015	13040	1	-230V 3P	31411 – 235	19450	1
11 * LOWER BALL BEARING	S1512		1	-460V 3P	31411 – 235	19450	3
12 MOTOR HOUSING	38311-016	13040	1	–575V 3P	DOES NOT	APPLY	
13 BRG SPRING WASHER	S1554		1	NOT SHOWN:			
14 NAME PLATE	38814-055	17000	1	MOTOR PLATE			
15 DRIVE SCREW	BM#04-03	17000	4	-230V 3P & 460V 3P	10436	17000	1
16 [★] BAIL BUSHING	10194	17090	2	-575V 3P	DOES NOT		'
17 HOIST BAIL	10185A	1502V	1	DRIVE SCREW	DOESNOTA		
18 HEX HD CAPSCREW	B0604	17000	2	- 230V 3P & 460V 3P	BM#04-03	17000	4
19 LOCK WASHER	J06	17000	2	-575V 3P	DOES NOT		
20 FLAT WASHER	KB06	17000	2	SUB. PUMP OIL	9568		1
21 * DISCH FLANGE GSKT	10195G	20000	1	MOTOR VOLTAGE TAG			
22 DISCHARGE FLANGE	10195	13040	1	-230V 3P	38816-094		1
23 STUD	C0506	17000	4	– 460V 3P	38816-093		1
24 HEX NUT	D05	17000	4	–575V 3P	38816-128		1
25 * RELIEF VALVE ASSY	46431 – 608		1	CONTROL BOX			
26 STUD	C0511	17000	4	-230V 3P & 460V 3P	27515-561		1
27 HEX NUT 28 TERM HSG/CABLE ASSY	D05	17000	4 1	–575V 3P	27515 – 565		1
			•	CABLE TIE	27111 – 212		1
29 * UPPER BALL BEARING 30 STATOR	S1512		1	HEATER PACK	.==		_
30 STATOR - 230V 3P & 460V 3P	47113-854		1	-230V 3P	27521 – 203		1
-575V 3P	47113-854		1	-460V 3P	27521 – 201		1
31 * ROTOR W/SHAFT ASSY	47113-804		1	–575V 3P	27521 – 201		1
32 PIPE PLUG	P02	17000	1	OPTIONAL:			
33 ALLEN HD SETSCREW	GA0501 – 1/4		1		11000T		1
34 MOTOR BUSHING	31173-018	23010	1	* REPAIR GASKET SET ANODE PLATE ASSY	11000T		1 1
35 PIPE PLUG	P04	17000	1	ANODE PLATE ASSY	42116-001		1
36 SEAL CVTY DRAIN PLUG	P04	17000	1	LIQUID LEVEL DEVICES:			
37 * SUCT CASING GSKT	38674-807	20000	1	– DIAPHRAGM TYPE	GRP48-03 (or GRP48.	-061
38 SEAL PLATE	38272-830	1718H	1	-FLOAT TYPE	27471 – 180	JI GIKI 40.	-00 i
39 STUD	C0611	17000	4	1 20,41 111 2	_,,,,		'
40 HEX NUT	D06	17000	4	120V LIQ LVL CONTROL			
41 LOCK WASHER	J06	17000	4	-230V 3P & 460V 3P	27521 – 322		1
42 * STRAINER ASSY	46611-005	24170	1	-575V 3P	N/A		1

^{*} INDICATES PARTS RECOMMENDED FOR STOCK

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Terminal Housing

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ITEM NO.		PART NAME	PART NUMBER	MAT'L CODE	QTY
•		TERMINIAL			0
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

^{*} 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