

# PUMP MODEL RD4A32-BAR

MANUAL PART 2 of 3

# PARTS LIST WITH PERFORMANCE CURVE

# **GORMAN-RUPP PUMPS**

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#### Register your new Gorman-Rupp pump online at www.grpumps.com

Valid serial number and e-mail address required.

#### **RECORD YOUR PUMP MODEL AND SERIAL NUMBER**

Please record your pump model and serial number in the spaces provided below. Your Gorman-Rupp distributor needs this information when you require parts or service.

Pump Model:

Serial Number:

# **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.

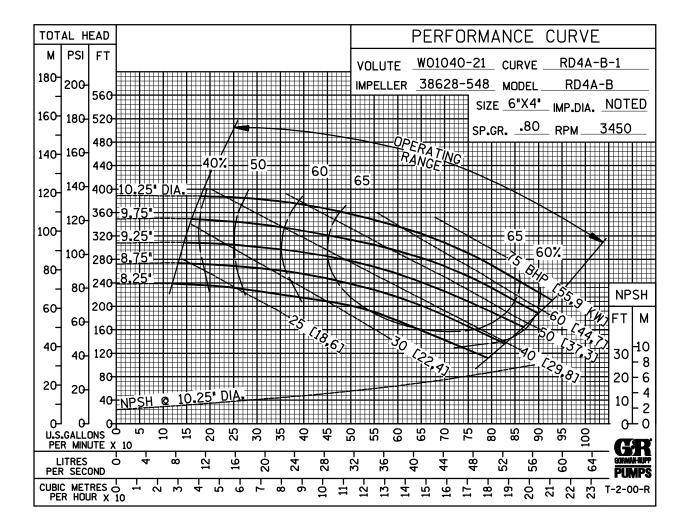
#### PERFORMANCE CURVE

The performance curve on the following page is based on 70°F (21°C) clear water at sea level, corrected to 0.80 specific gravity, with minimum suction lift. 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.



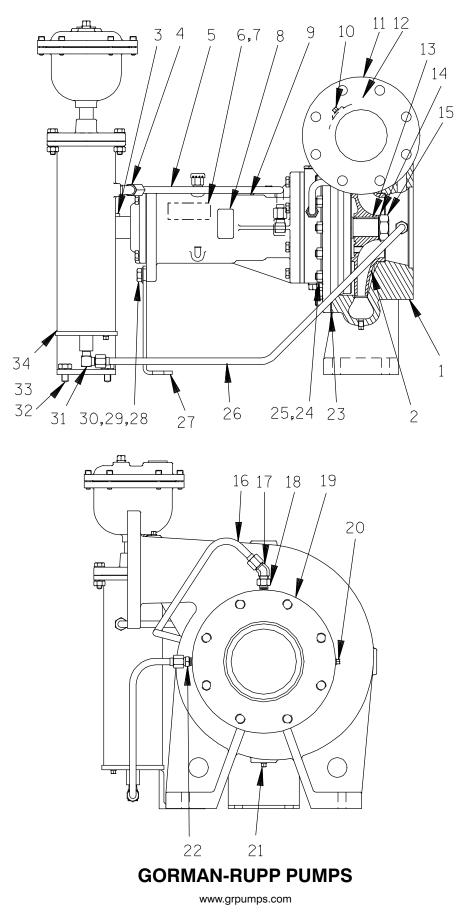
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve – Model RD4A32–BAR

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#### S/N 1234195 Up PUMP ISSUE 3

#### PARTS LIST Pump Model RD4A32-BAR

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.

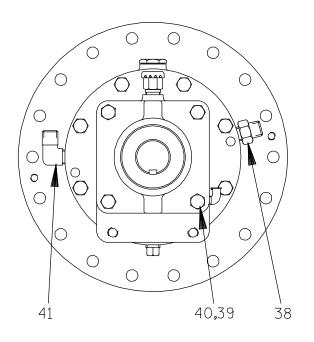
ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM NO.	PART NAME		MAT'L CODE	QTY
I 1	PUMP CASING	SEE NOTE B	ELOW	1	23 >	• PUMP CASING GASKET	R11618	20000	1
2 *	IMPELLER	38628-548	13048	1	₪24	STUD	C0807	15991	18
з *	SHAFT KEY	N0611	15990	1	25	HEX NUT	D08	15991	18
4	MALE ELBOW	25812-161		1	26	RETURN TUBE ASSY	46335-081		1
5	DISCH TUBE ASSY	46335-067		1	27	BEARING HSG SUPPOR	RT R12852-02	15990	1
6	NAME PLATE	2613DZ	13990	1	28	HEX HD CAPSCREW	B0805	15991	2
7	DRIVE SCREW	BM#04-03	17000	2	29	LOCKWASHER	J08	15991	2
8	LUBE DECAL	38816-074		1	30	FLAT WASHER	K08	15991	2
9	BRG HOUSING ASSY	44143-107		1	31	MALE ELBOW	25812-011		1
☞10	PIPE PLUG	P02	15079	1	32	HEX HD CAPSCREW	B0805	15991	2
11	DISCHARGE STICKER	6588BJ		1	33	LOCKWASHER	J08	15991	2
☞12	PIPE PLUG	P02	15079	1	34	AIR RELEASE VALVE	GRP33-06	B	1
13 *	IMPELLER KEY	K79330-23	15990	1					•
14	LOCKWASHER	S302		1	NOTS	SHOWN:			
15	IMPELLER NUT	K76645	15111	1		OISCH FLANGE GASKE	T N14147	18000	-
16	SUCTION TUBE ASSY	46335-066		1					
17	MALE ELBOW	25812-161		1	7	SUCTION FLANGE GSK		18000	1
18	STRAINER	26841-094		1		INSTRUCTION TAG	38817-011		1
19	SUCTION STICKER	6588AG		1		G-R DECAL	GR-03		1
⊫720	PIPE PLUG	P02	15079	1					
☞21	PIPE PLUG	P02	15079	1	OPTIC	DNAL:			
22	MALE CONNECTOR	25812-214		1		STEEL TUBING KIT	48263-520		1

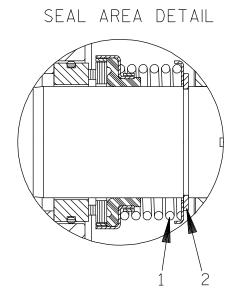
\* INDICATES PARTS RECOMMENDED FOR STOCK

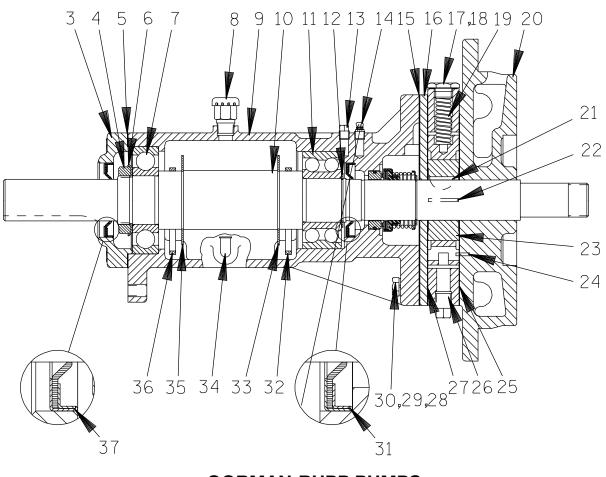
- † ALL ROTO-PRIME™ IMPELLERS ARE TRIMMED.
- SEE ACCOMPANYING LITERATURE FOR INDIVIDUAL PARTS, MAINTENANCE AND REPAIR.
- INCLUDED WITH REPAIR 46474-344 --- 1 PUMP CASING ASSY

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ITEM PART NAME NO.	PART NUMBER	MAT'L CODE	QTY	ITEM PART NAME PART MAT'L NO. NUMBER CODE	QTY
1 * SEAL ASSEMBLY   2 SEAL RETAINING RING   3 BEARING CAP   4 BEARING LOCK NUT   5 * BEARING CAP GASKET   6 TAB WASHER   7 * OUTBOARD BEARING   8 AIR VENT   9 BEARING HOUSING   10 * IMPELLER SHAFT   11 * BALL BEARING   12 BEARING RET RING   13 PIPE PLUG   14 AIR VENT   15 * SPACER PLATE GASKET   16 SPACER PLATE	25271-921 24124-243 R12770-02 23962-011 N18938-01 23962-511 S1077 S1703 W01172-04 T08623-02 23421-410 24124-245 P02 S2162 R12923 R12771-02	 10010  18000  11010 15010  15079  18000 11010	1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 †   CENTER PLATE GASKET   R10150   19210     26   PIPE PLUG   P06   15079     27 *   CENTER PLATE GASKET   R10150   19210     28   HEX HD CAPSCREW   B0612   15991     29   LOCKWASHER   J06   15991     30   DOWEL PIN   21133–113      31 *   OIL SEAL   25227–240      32   SLINGER RING   K86483   15030     33   SLINGER RING STOP   K76632–01      34   OILER   26713–054      35   SLINGER RING STOP   K76632–01      36   SLINGER RING   K86483   15030     37 *   OIL SEAL   25227–240      38   CONNECTOR   25812–214      38   CONNECTOR   25812–214      39   HEX HD CAPSCREW   B0605   15991	2 1 8 8 2 1 1 1 1 1 1 1 1 4
17 PRESS REG SPRING CAP 18 * SPRING CAP GASKET	K68064 K86067	15991	1 1	40   LOCKWASHER   J06   15991     41   MALE ELBOW   25812-011	4 1
19 * PRESS REG SPRING 20 BODY COVER 21 * ROTOR WOODRUFF KEY	K82659 T06762—21 K61559	 10140 15990	1 1 1	NOT SHOWN: PIPE PLUG P02 15079	1
22 * ROTOR BLADE 23 GROUP GRIND 24 * LOCATING PIN	K79300-22 LK5268 21154-666	 	6 1 1	OPTIONAL: SST IMPELLER SHAFT T08623-02 17080 TEFLON SEAL ASSY 25271-761	1 1

PARTS LIST 44143–107 Bearing Housing Assembly

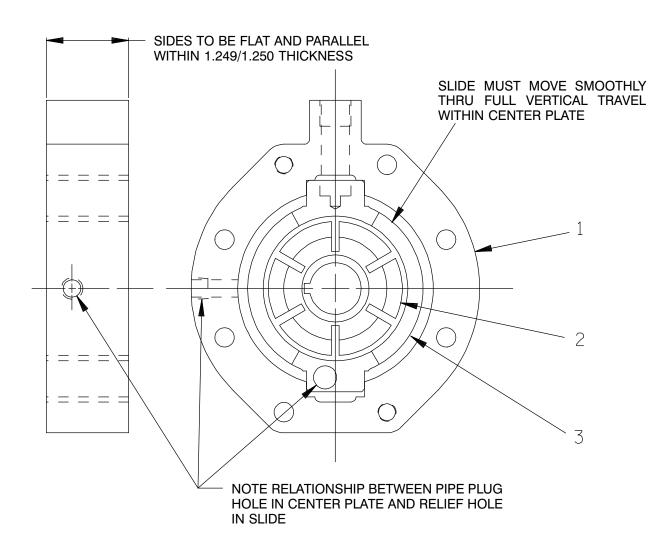
\* INDICATES PARTS RECOMMENDED FOR STOCK

† 2 GASKETS REQUIRED WHEN ROTOR OR SLIDE IS THICKER THAN CENTER PLATE.

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### PARTS LIST LK05268 Group Grind

ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	CENTER PLATE	NOT AVAILABLE		1
2	ROTOR	NOT AVAILABLE		1
3	SLIDE	NOT AVAILABLE		1

**NOTE:** THE GROUP GRIND MUST BE REPLACED AS A COMPLETE UNIT: INDIVIDUAL PIECE PARTS ARE NOT SOLD SEPARATELY.

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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