

PUBLICATION NUMBER

PL-04068-01

May 5, 1994

Rev. D 11-6-2023



PUMP MODEL
63D31-B

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.

©1994 The Gorman-Rupp Company

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 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.

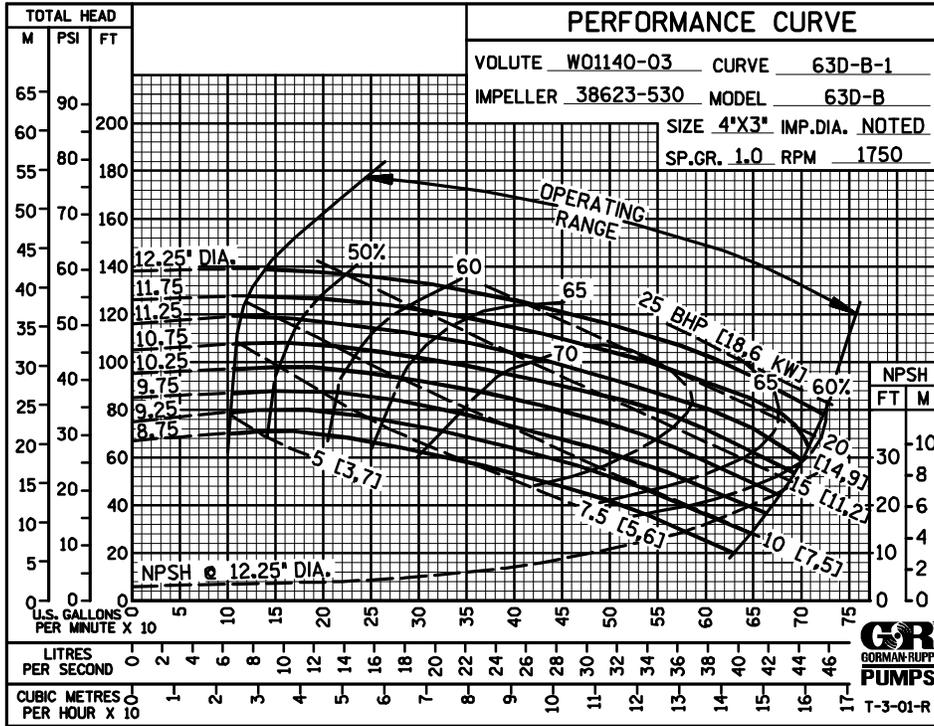
PERFORMANCE CURVES

The performance curves on the following page are based on 70° F (21° C) clear water (or corrected to .80 specific gravity) at sea level 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.

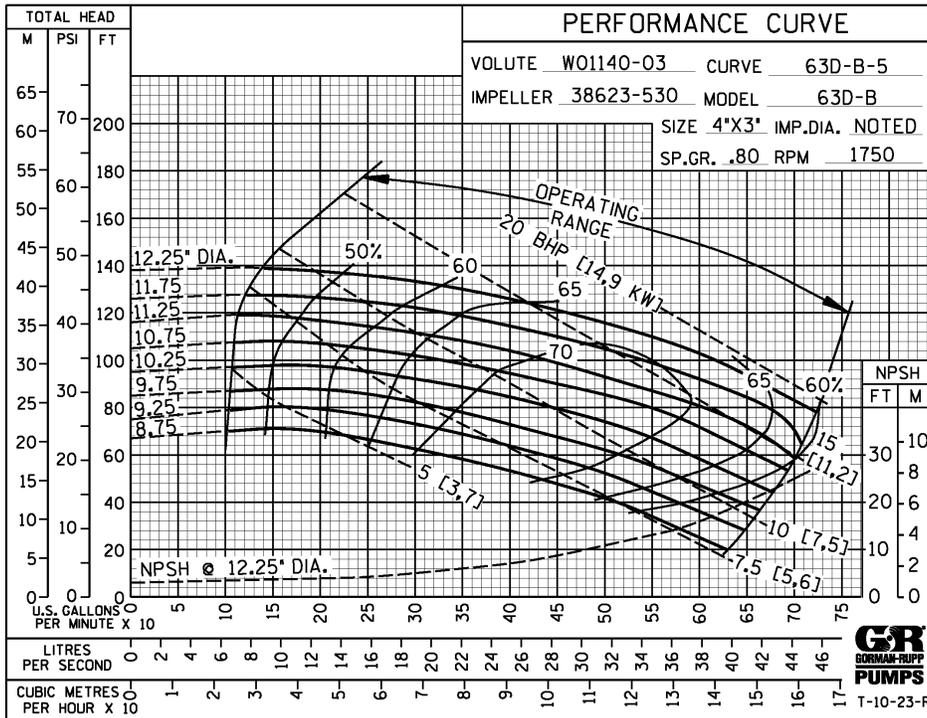


Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



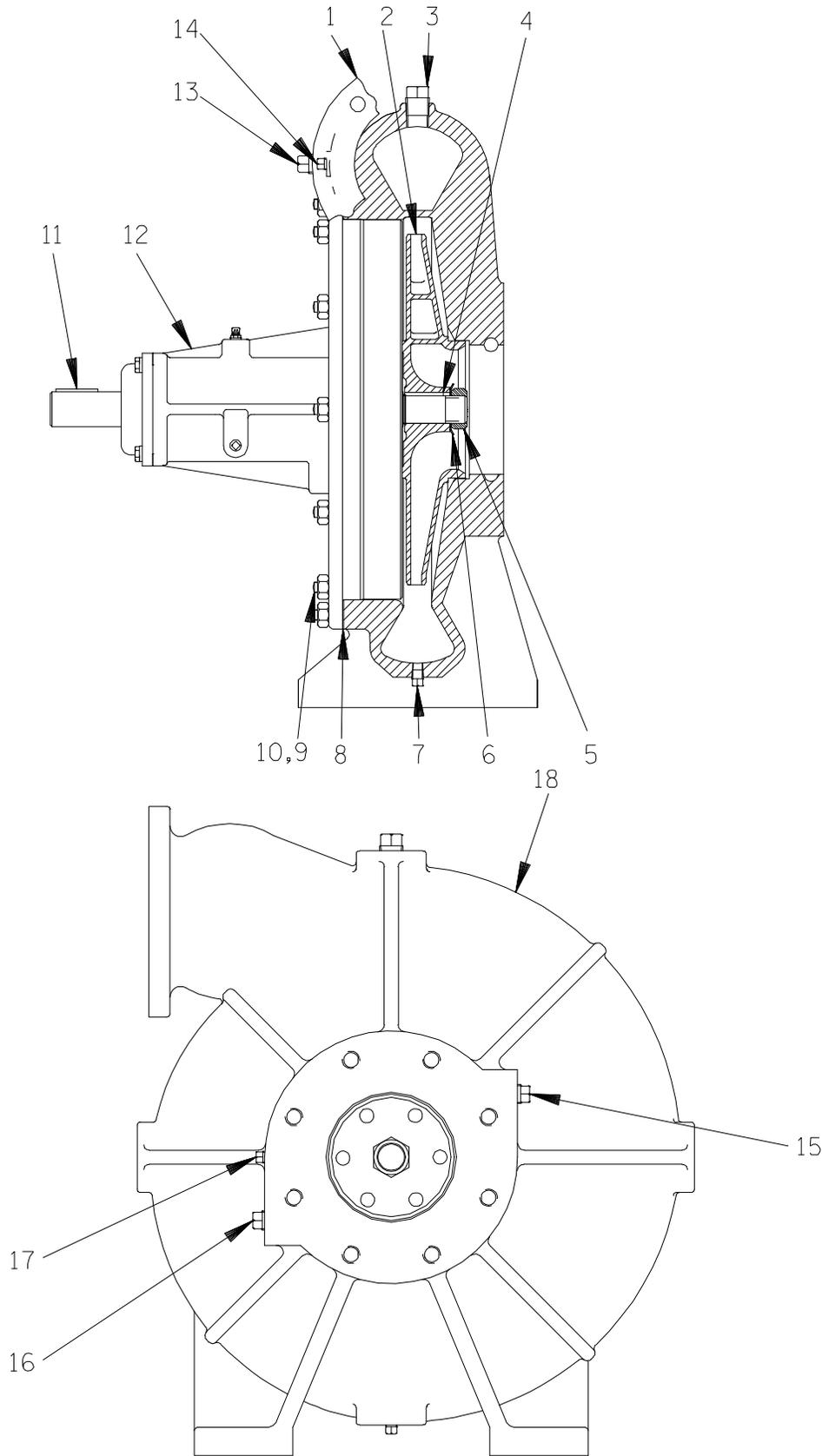
(Based on clear water)

(Based on petroleum products)



Performance Curves – Model 63D31-B

This Page Intentionally Blank



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

Printed in U.S.A.

S/N 1053681 Up
PUMP ISSUE 1

PARTS LIST
Pump Model 63D31—B

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	PART NUMBER	MAT'L CODE	QTY
1	PUMP CASING	W01140—03	11010	1	15	PIPE PLUG	P06	15079	1
† 2 *	IMPELLER	38623—530	13040	1	16	PIPE PLUG	P06	15079	1
3	PIPE PLUG	P08	15079	1	17	PIPE PLUG	P02	15079	1
4 *	IMPELLER KEY	N0403	15990	1	18	G-R DECAL	GR—03	---	1
5 *	IMPELLER NUT	K75776	15111	1	NOT SHOWN:				
6	LOCK WASHER	23962—519	---	1	*	DISCH FLANGE GASKET	N14147	19060	1
7	PIPE PLUG	P02	15079	1		SUCTION STICKER	6588AG	-----	1
8 *	GASKET	N14146	19060	1		NAME PLATE	2613ED	13990	1
9	STUD	C0606	15991	12		DRIVE SCREW	BM#04—03	15990	2
10	HEX NUT	D06	15991	12		ROTATION DECAL	2613M	-----	1
11 *	SHAFT KEY	N0406	15990	1		DISCHARGE STICKER	6588BJ	-----	1
12	BEARING HOUSING ASSY	R12113—01	---	1	*	SUCT FLANGE GASKET	11589GA	19060	1
13	PIPE PLUG	P06	15079	1		BEARING TAG	6588ABB	-----	1
14	PIPE PLUG	P02	15079	1	OPTIONAL:				
						SUCT/DISCH FLANGE KIT	K33850	-----	1

* INDICATES PARTS RECOMMENDED FOR STOCK

Above Serial Numbers Do Not Apply To Pumps Made In Canada.

† EARLIER DESIGN IMPELLERS INCLUDED WEAR RINGS AND GROOVE PINS TO SECURE THEM TO THE IMPELLER. THE WEAR RINGS ARE NOT AVAILABLE AS REPLACEMENT ITEMS. IF YOUR IMPELLER IS EQUIPPED WITH WEAR RINGS, THE IMPELLER LISTED ABOVE IS DESIGNED TO REPLACE YOUR EXISTING IMPELLER/WEAR RING COMBINATION.

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

2 of 4

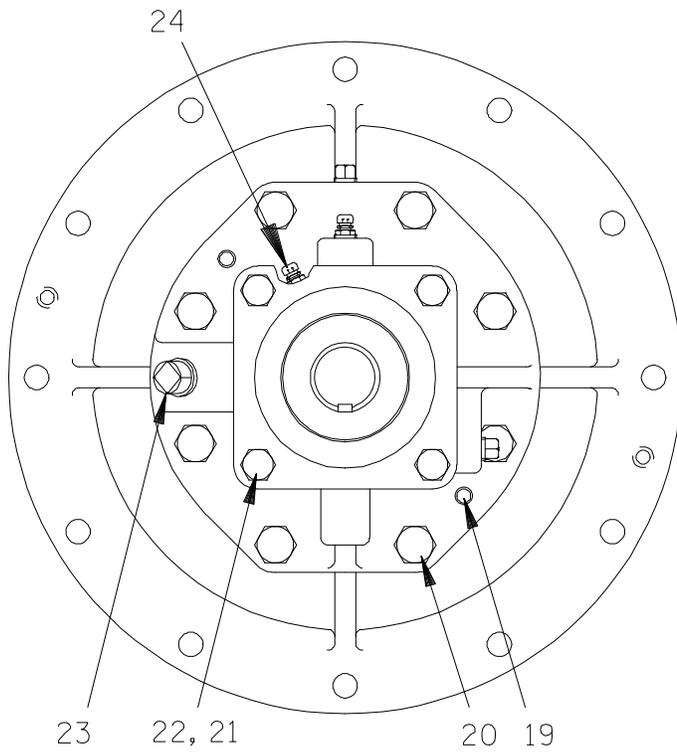
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA Printed in U.S.A.

Page 60.3 D2.5

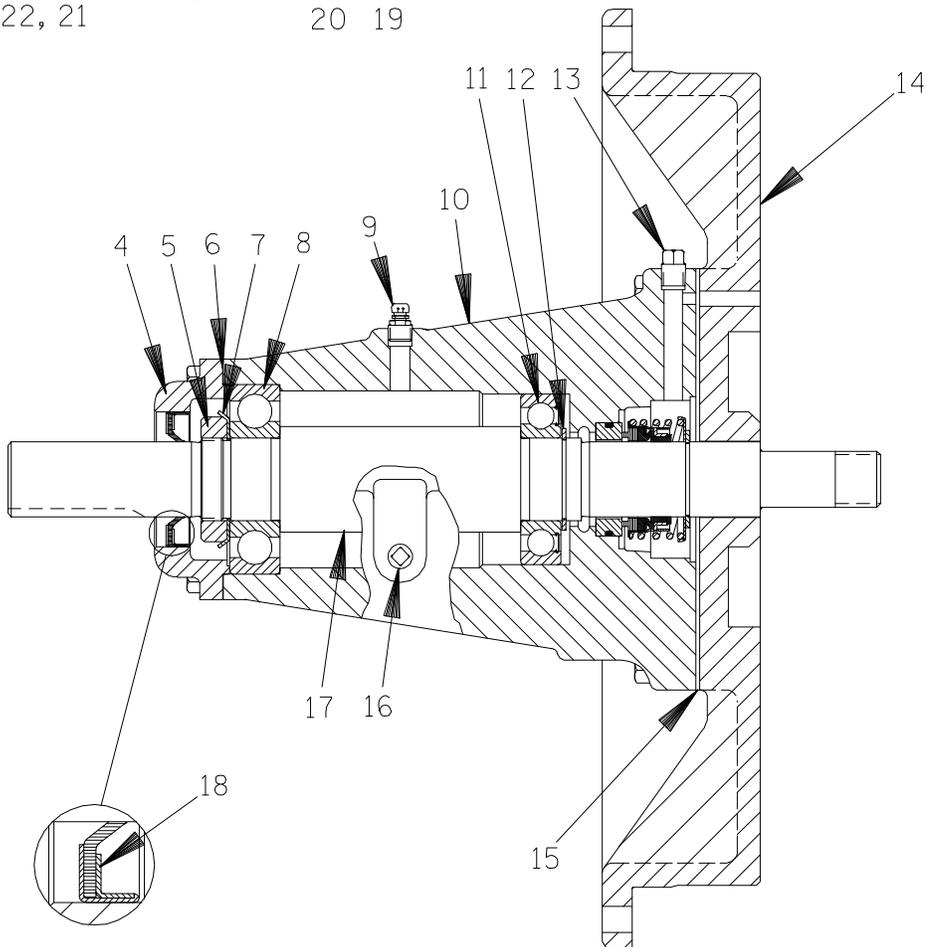
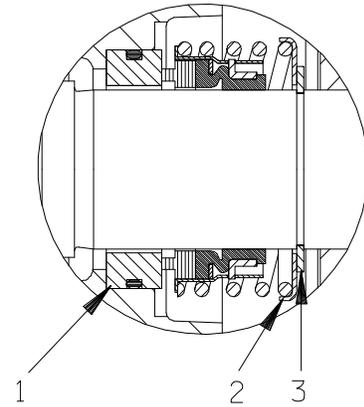
© Copyright by the Gorman-Rupp Company

05/05/94

Rev. A 06-11-22



SEAL AREA DETAIL



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

Printed in U.S.A.

S/N 1053681 Up
PUMP ISSUE 1

PARTS LIST
R12113-01 And R12113-05 Bearing Housing Assembly

ITEM NO.		PART NAME	PART NUMBER	MAT'L CODE	QTY
1	*	SEAL ASSEMBLY	25271-192	-----	1
2		SPRING HOLDER	25273-266	-----	1
3		RETAINING RING	S700	-----	1
4		BEARING CAP	N14130	10010	1
5		BEARING LOCK NUT	S301	-----	1
6	*	BEARING CAP GASKET	K74033	18000	1
7		BRG LOCKWASHER	S302	-----	1
8	*	OUTBOARD BEARING	23282-008	-----	1
9		AIR VENT	S2162	-----	1
10		BEARING HOUSING	T02990	11010	1
11	*	INBOARD BEARING	23257-012	-----	1
12		BEARING RET RING	S248	-----	1
13		PIPE PLUG	P02	15079	1
14		BODY COVER	T02985A-01	11010	1
15	*	BODY COVER GASKET	N14144	18000	1
16		PIPE PLUG	P02	15079	1
17	*	IMPELLER SHAFT	R10402	15010	1
18	*	OIL SEAL	25227-230	-----	1
19		DOWEL PIN	21133-066	-----	2
20		HEX HD CAPSCREW	21632-597	-----	8
21		HEX HD CAPSCREW	B0504	15991	4
22		LOCKWASHER	J05	15991	4
23		PIPE PLUG	P06	15079	1
24		AIR VENT FITTING	S2162	-----	1
OPTIONAL:					
		TEFLON SEAL ASSY	25271-743	-----	1

* INDICATES PARTS RECOMMENDED FOR STOCK

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

**For Warranty Information, Please Visit
www.grpumps.com/warranty
or call:
U.S.: 419-755-1280
Canada: 519-631-2870
International: +1-419-755-1352**

GORMAN-RUPP PUMPS