Use With: OM–03989
MR–03991

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GORMAN-RUPP PUMPS

PUMP MODEL RS3A32–BAR

MANUAL PART 2 of 3

PARTS LIST
WITH PERFORMANCE CURVE

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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 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

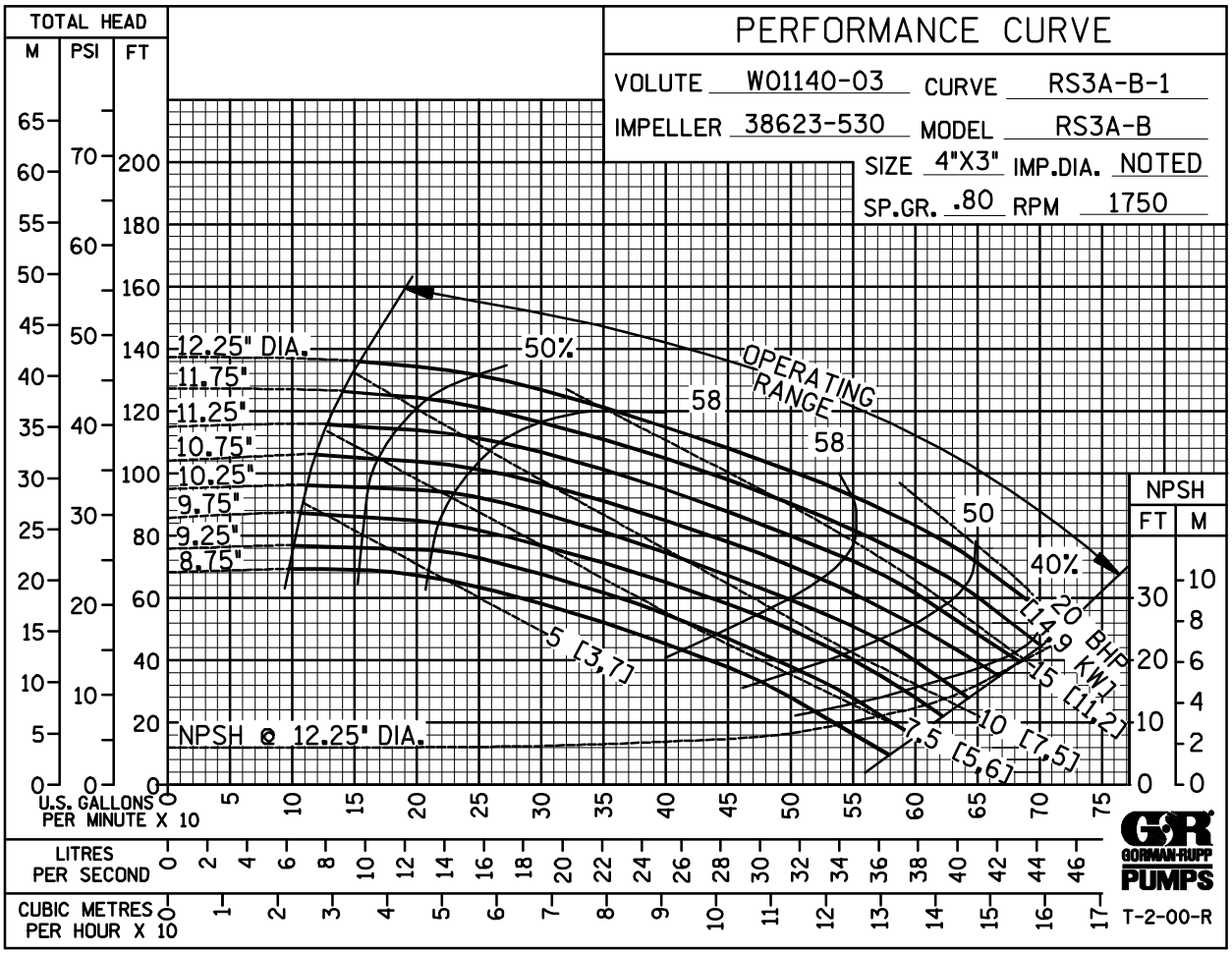
The pump warranty is provided as part of Gorman-Rupp's support program for customers who operate and maintain their equipment as described in this manual and other accompanying literature. Please note that should the equipment be abused or modified to change its performance beyond the original factory specifications, the warranty will become void and any claim will be denied. For warranty information, please visit www.grpumps.com/warranty.

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 RS3A32–BAR

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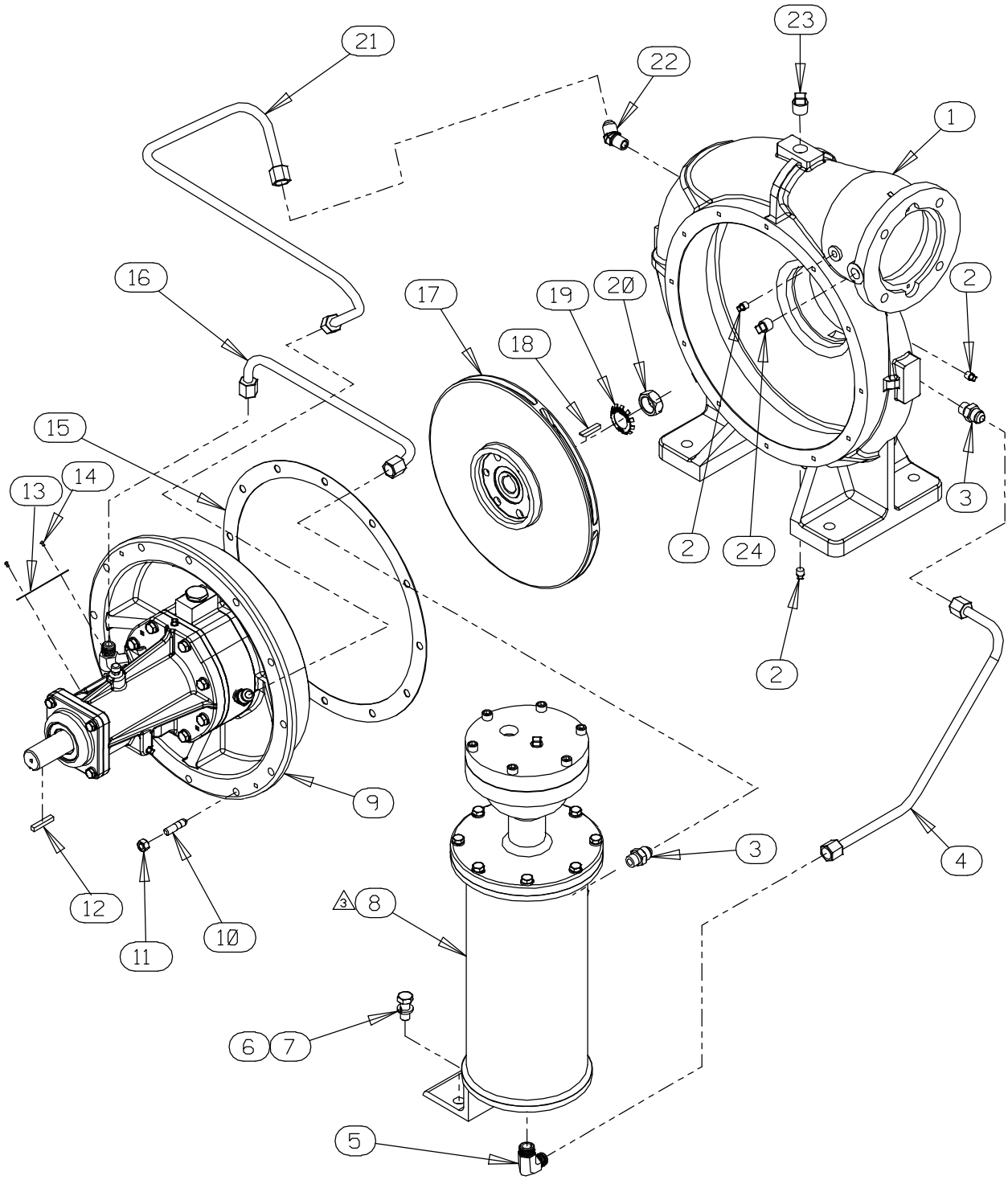

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PARTS LIST
Pump Model RS3A32−BAR

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	QTY
☞ 1		PUMP CASING	SEE NOTE BELOW	1
☞ 2		PIPE PLUG	P02 15079	3
3		CONNECTOR	25812−214	2
4		RETURN TUBE ASSY	46335−075	1
5		MALE ELBOW	25812−011	1
6		HEX HEAD CAP SCREW	B0805 15991	2
7		LOCK WASHER	J08 15991	2
8	●	AIR REL VALVE ASSY	GRP33−08B	1
9		BEARING HSG ASSY	R12051−11	1
☞10		STUD	C0606 15991	12
11		HEX NUT	D06 15991	12
12	✳	DRIVE KEY	N0406 15990	1
13		NAMEPLATE	2613DZ 13990	1
14		DRIVE SCREW	BM#04−03 17000	2
15	✳	BODY COVER GASKET	N14146 19060	1
16		DISCHARGE TUBE ASSY	46335−096	1
†17	✳	IMPELLER	38623−530 13048	1
18		IMPELLER KEY	K79329−23 15990	1
19		LOCK WASHER	23962−519	1
20		IMPELLER NUT	K75776 15111	1
21		PRIMING TUBE	46335−085	1
22		MALE ELBOW	25812−161	1
☞23		PIPE PLUG	P08 15079	1
☞24		PIPE PLUG	P06 15079	1
NOT SHOWN:				
	✳	CHK VALVE BODY GSKT	11589GA 19060	1
	✳	SUCT COVER GASKET	N14147 19060	1
		G-R DECAL	GR−03	1
		SUCTION STICKER	6588AG	1
		ROTATION DECAL	2613M	1
		LUBRICATION DECAL	38816−081	1
		INSTRUCTION TAG	38817−011	1
		DISCHARGE STICKER	6588BJ	1
		BEARING TAG	6588ABB	1
OPTIONAL:				
		COMPANION FLANGE KIT (SUCT AND DISCHARGE	K33850	1

✳ INDICATES PARTS RECOMMENDED FOR STOCK

† ALL ROTO-PRIME™ IMPELLERS ARE TRIMMED AND INCLUDE WEAR RINGS AND GROOVE PINS. WEAR RINGS ARE NOT SOLD SEPARATELY.

● SEE ACCOMPANYING LITERATURE FOR INDIVIDUAL PARTS, MAINTENANCE AND REPAIR.

☞ INCLUDED WITH REPAIR PUMP CASING ASSY 46474−341 1

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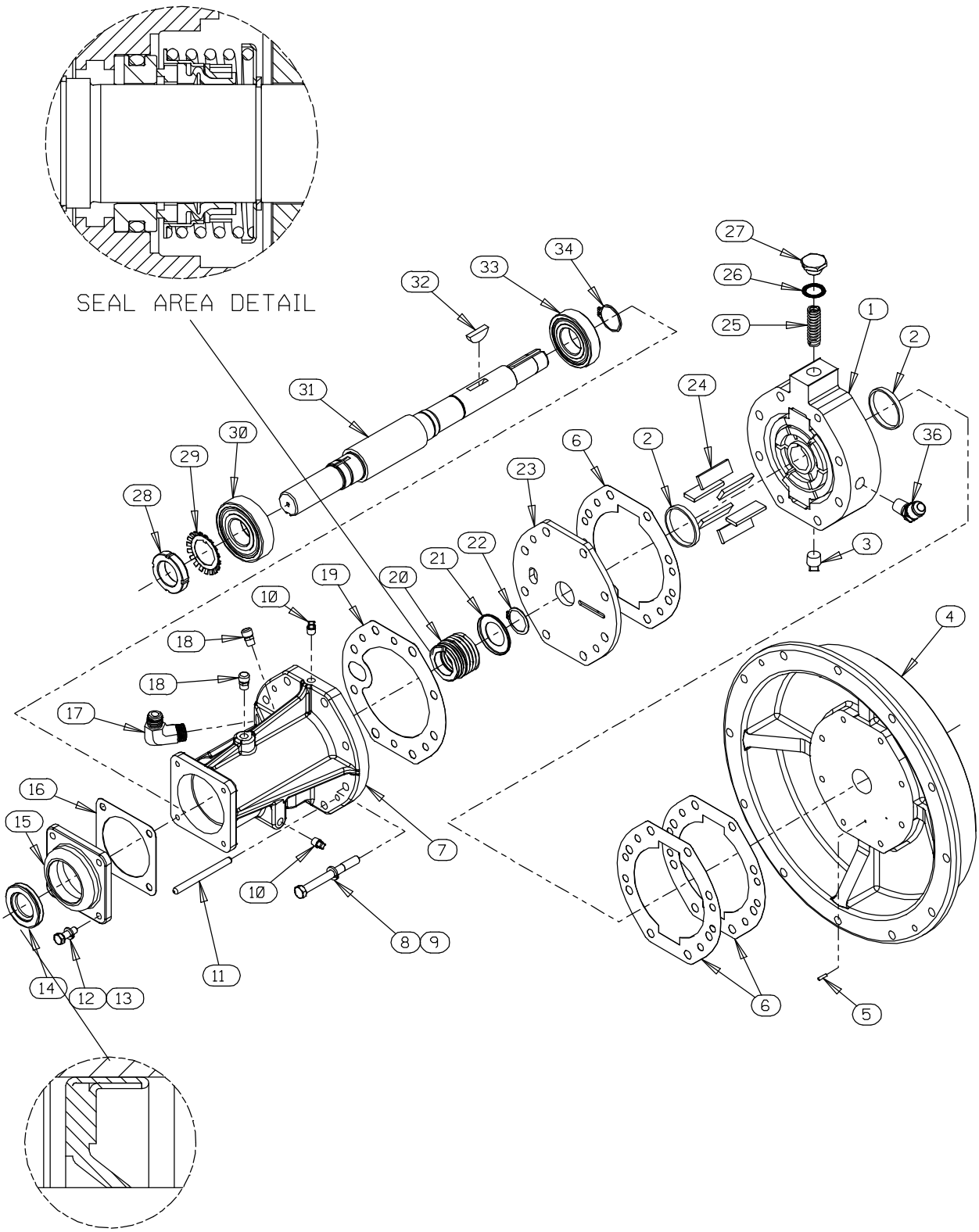

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RS3A32−BAR

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PARTS LIST
R12051−11 Bearing Housing Assembly

ITEM NO.		PART NAME	PART NUMBER	QTY
1		GROUP GRIND	LK05293	1
2		BLADE SPACER	K74031 15030	2
3		PIPE PLUG	P06 15079	1
4		BODY COVER L.H.	T02985B−01 10140	1
5	✳	LOCATING PIN	21154−666	1
† 6	✳	CENTER PLATE GSKT	N14145 19210	3
7		BEARING HOUSING	T02990 11010	1
8		LOCK WASHER	J06 15991	8
9		HEX HEAD CAP SCREW	B0615 15991	8
10		PIPE PLUG	P02 15079	2
11		DOWEL PIN	21133−076	2
12		LOCK WASHER	J05 15991	4
13		HEX HEAD CAP SCREW	B0504 15991	4
14	✳	OIL SEAL	25227−230	1
15		BEARING HOUSING CAP	N14130 10010	1
16	✳	BRG HSG CAP GSKT	K74033 19060	1
17		MALE ELBOW	25812−011	1
18		AIR VENT	S2162	2
19	✳	SPACER PLATE GSKT	N14144 19060	1
20	✳	MECH SEAL 1−1/4	25271−192	1
21		SPRING HOLDER	25273−266	1
22		SNAP RING	S700	1
23		SPACER PLATE	N14129 11010	1
24	✳	ROTOR BLADE	K79300−21	6
25		PRESS REG SPRING	K74119	1
26	✳	RING GASKET	K86067	1
27		SPRING CAP	K68064 15991	1
28		BEARING LOCK NUT	S301	1
29		LOCK WASHER	S302	1
30	✳	BALL BEARING	23282−008	1
31	✳	IMPELLER SHAFT	R10123 15010	1
32	✳	WOODRUFF KEY	K74041 15590	1
33	✳	BALL BEARING	23257−012	1
34		SNAP RING	S248	1
35		MALE ELBOW	25812−161	1
OPTIONAL:				
		SST IMPELLER SHAFT	R10769 17080	1
		TEFLON SEAL ASSY	25271−743	1
	●	OIL LUBE BEARING HOUSING ASSEMBLY	44143−104	1
		−INBOARD BEARING	S310	1
		−OUTBOARD BEARING	23275−008	1
		−OIL CUP	26713−051	1

✳ INDICATES PARTS RECOMMENDED FOR STOCK

† 2 GASKETS REQUIRED ON ONE FACE ONLY WHEN ROTOR OR SLIDE IS THICKER THAN CENTER PLATE.

● ALL OTHER COMPONENTS SAME AS STANDARD BEARING HOUSING ASSEMBLY.

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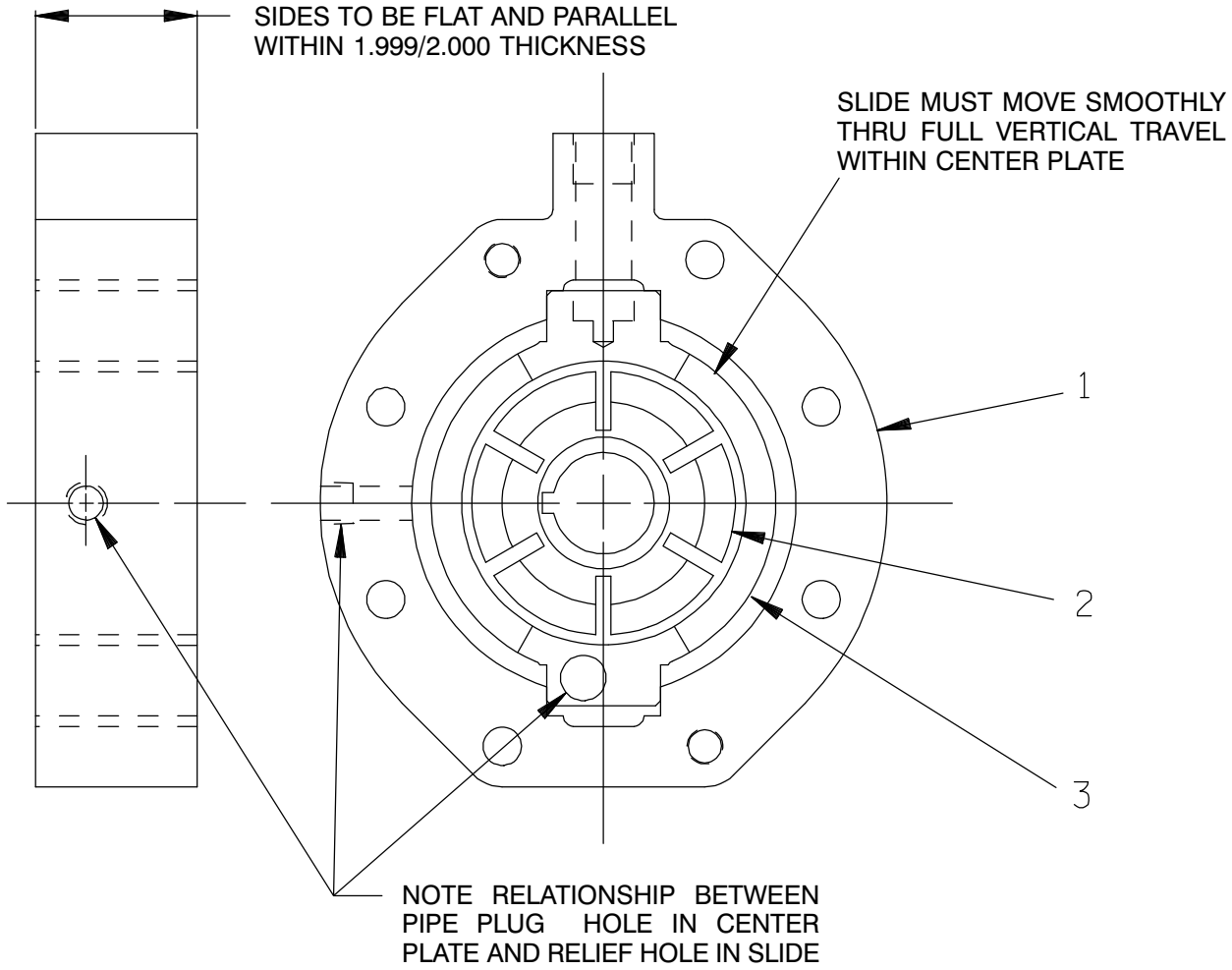

PARTS LIST
LK05293 Group Grind

ITEM NO.	PART NAME	PART NUMBER	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 Warranty Information, Please Visit
www.grpumps.com/warranty
or call:
U.S.: 419—755—1280
Canada: 519—631—2870
International: +1—419—755—1352