

# BLACKMER PARTS LIST

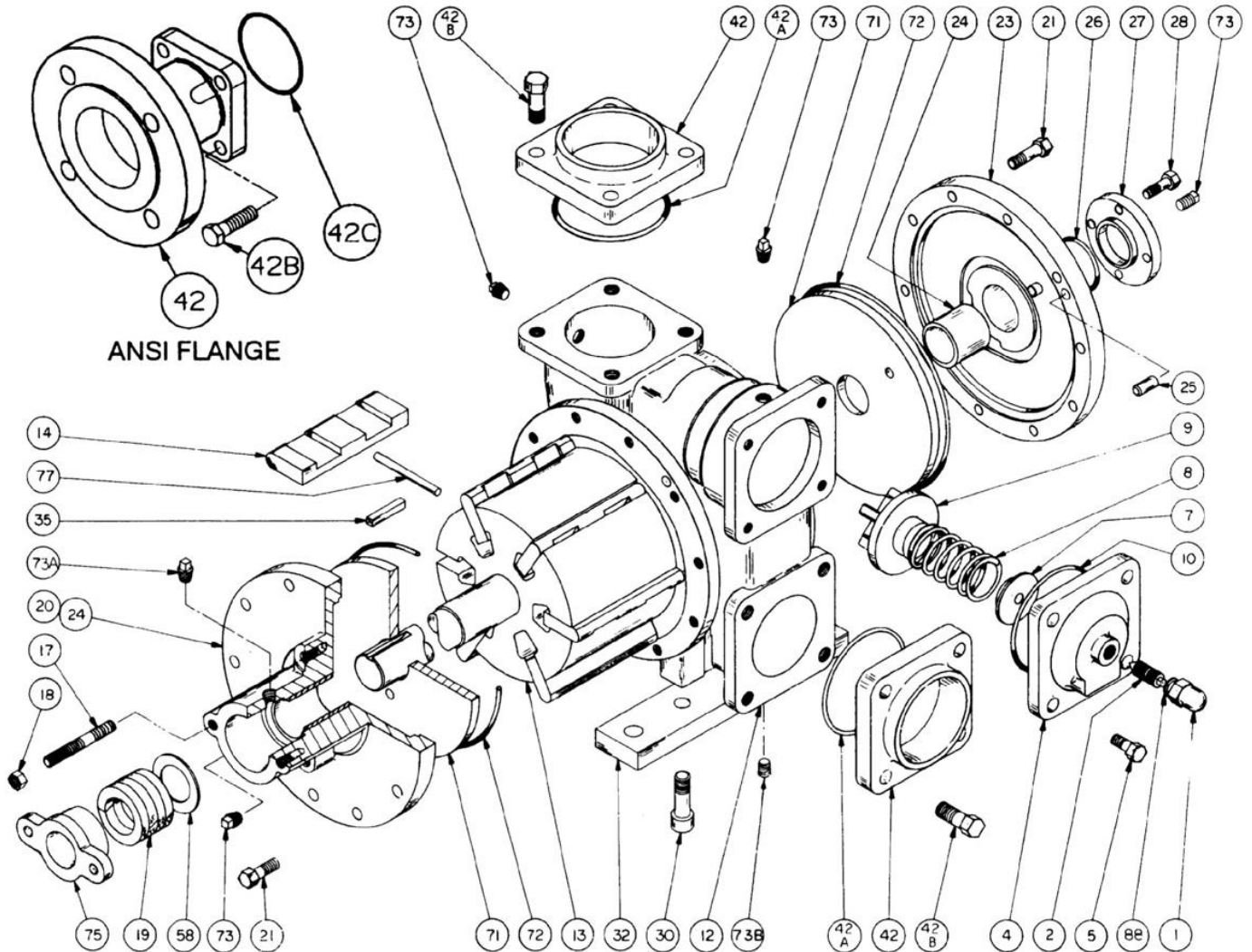
## PUMP MODELS: SNP3A

962200  
Page 1 of 2

**PARTS LIST**  
**104-A04**

Keep with Instructions 104-A00 for Installation, Operation and Maintenance

Section 104  
Effective Mar 2024  
Replaces Sep 2021



| Ref. No. | Description                      | Parts per Pump | Part No.            | Ref. No. | Description                    | Parts per Pump | Part No.            |
|----------|----------------------------------|----------------|---------------------|----------|--------------------------------|----------------|---------------------|
| 1        | Cap - Relief Valve (R/V)         | 1              | 413151              | 28       | Capscrews - Bearing Cover      | 4              | 920179              |
| 2        | Adjusting Screw - R/V            | 1              | 433101              | 30       | Screws - Foot Bracket          | 4              | 920466              |
| 4        | Cover - R/V                      | 1              | 412201              | 32       | Foot Bracket                   | 2              | 832201              |
| 5        | Capscrews - R/V Cover            | 4              | 920489              | 35       | Key - Shaft                    | 1              | <sup>1</sup> 909183 |
| 7        | Spring Guide - R/V               | 1              | 422201              | 42       | Flange - 3" Weld (Std.)        | 2              | 652201              |
| 8        | Spring - R/V (51-110 psi) (Std.) | 1              | 471807              |          | Flange - 3" ANSI               |                | 654500              |
|          | Spring - R/V (111-150 psi)       |                | 471808              | 42A      | Seal Ring - Weld Flange (Std.) | 2              | <sup>1</sup> 532201 |
| 9        | Valve - R/V                      | 1              | 452201              | 42B      | Capscrew - Weld Flange (Std.)  | 8              | 920489              |
| 10       | Seal Ring - R/V Cover            | 1              | <sup>1</sup> 532201 |          | Capscrew - ANSI Flange         |                | 920516              |
| 12       | Cylinder                         | 1              | 022201              | 42C      | O-Ring - ANSI Flange           | 0-2            | <sup>1</sup> 702101 |
| 13       | Rotor & Shaft                    | 1              | <sup>2</sup> 262201 | 71       | Disc                           | 2              | <sup>2</sup> 062203 |
| 14       | Vane - Duravane (Std.)           | 6              | <sup>1</sup> 091819 | 72       | Seal Ring - Head               | 2              | <sup>1</sup> 382201 |
|          | Vane - EC Laminate               |                | 091829              | 73       | Drain Plug (1/4")              | 4              | 908193              |
| 20       | Head & Bushing Asy. - Inboard    | 1              | 032203              | 73A      | Plug (1/8")                    | 1              | 908183              |
| 21       | Capscrews - Head                 | 20             | 920365              | 73B      | Plug (1/4")                    | 1              | 908192              |
| 23       | Head & Bushing Asy. - Outboard   | 1              | 032204              | 77       | Push Rod                       | 3              | <sup>1</sup> 122201 |
| 24       | Bushing (Sleeve Bearing)         | 2              | <sup>1</sup> 161600 | 88       | Gasket - R/V Cap               | 1              | <sup>1</sup> 533101 |
| 25       | Dowel Pin - Head                 | 6              | 930570              | —        | Kit — Maintenance              | —              | 898948              |
| 26       | Seal Ring - Bearing Cover        | 1              | <sup>1</sup> 382211 | —        | Kit — Rebuild                  | —              | 899048              |
| 27       | Bearing Cover                    | 1              | 042201              |          |                                |                |                     |

<sup>1</sup> Included in Maintenance and Rebuild Kits. <sup>2</sup> Included in Rebuild Kit. <sup>3</sup> Required for optional shaft support bearing

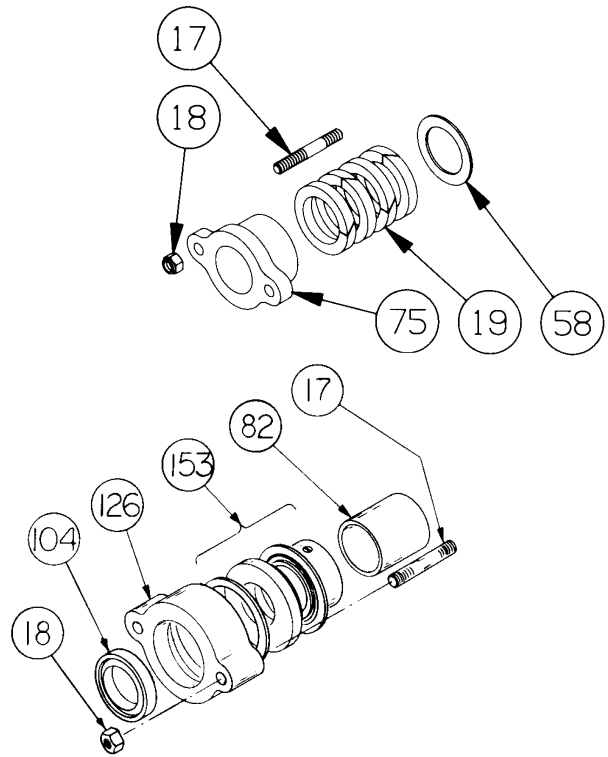
### SHAFT PACKING - STANDARD

| Ref. No. | Part Name                   | Parts Per Pump | Part No.            |
|----------|-----------------------------|----------------|---------------------|
| 17       | Stud - Packing Follower     | 2              | 921443              |
| 18       | Nut - Packing Follower Stud | 2              | 922416              |
| 19       | Packing Set                 | 1              | <sup>1</sup> 322201 |
| 58       | Pack Washer                 | 1              | 352201              |
| 75       | Packing Follower            | 1              | 142203              |

<sup>1</sup> Included in Maintenance and Rebuild Kits.

### MECHANICAL SEAL - OPTIONAL

| Ref. No. | Part Name                               | Parts Per Pump | Part No. |
|----------|-----------------------------------------|----------------|----------|
| 17       | Stud - Retainer                         | 2              | 921443   |
| 18       | Nut - Retainer Stud                     | 2              | 922416   |
| 82       | Spacer - Seal                           | 1              | 372203   |
| 104      | Oil Seal                                | 1              | 904202   |
| 126      | Retainer - Seal                         | 1              | 332210   |
| 153      | Mechanical Seal Assembly - Crane Type 9 | 1              | 332203   |



### SNP3 – TRIPLE-LIP CARTRIDGE SEAL - OPTIONAL

| Ref. No. | Part Name                        | Seal          | Seal Rebuild Kit |
|----------|----------------------------------|---------------|------------------|
| —        | <b>TRIPLE-LIP CARTRIDGE SEAL</b> | <b>331774</b> | <b>899105</b>    |
| 220      | Shaft Sleeve O-Ring              | 2             | X                |
| 221      | Shaft Sleeve                     | 1             |                  |
| 222      | Gasket                           | 1             | X                |
| 223      | Gland Plate Assembly             | 1             |                  |
| 224      | Element O-Ring                   | 1             | X                |
| 225      | Seal Spacer                      | 1             | X                |
| 226      | Seal Element                     | 3             | X                |
| 227      | Flushing Spacer                  | 1             | X                |
| 228      | Flushing Spacer O-Ring           | 1             | X                |
| 229      | Retaining Ring                   | 1             |                  |
| 230      | Snap Ring                        | 1             | X                |
| 231      | Shaft Sleeve Setscrews           | 6             | X                |
| 233      | Gland Capscrew                   | 4             |                  |
| 234      | Flat Washer                      | 4             |                  |

X = Parts included in Seal Rebuild Kit

