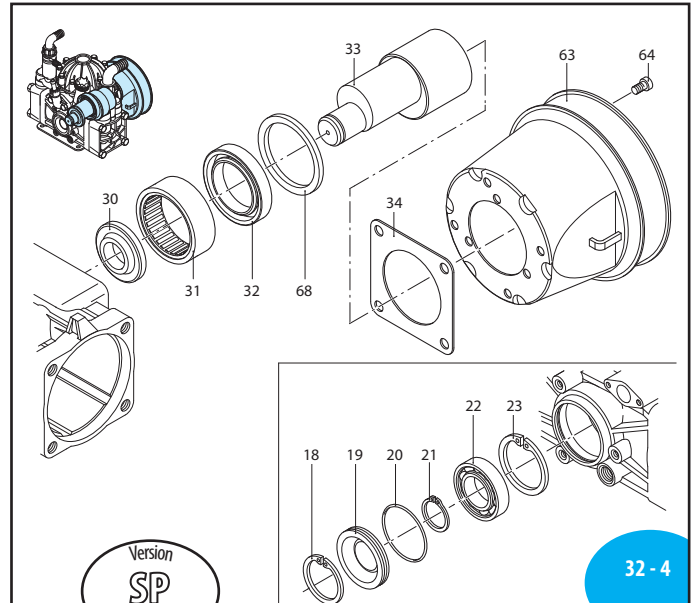
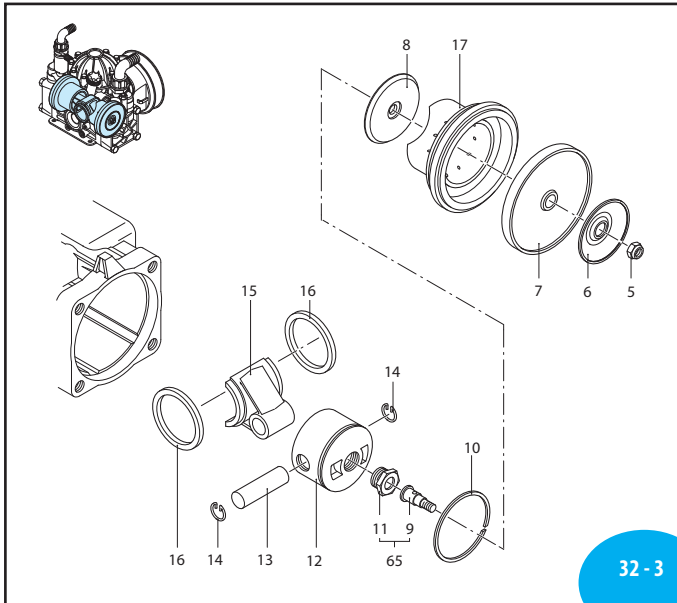
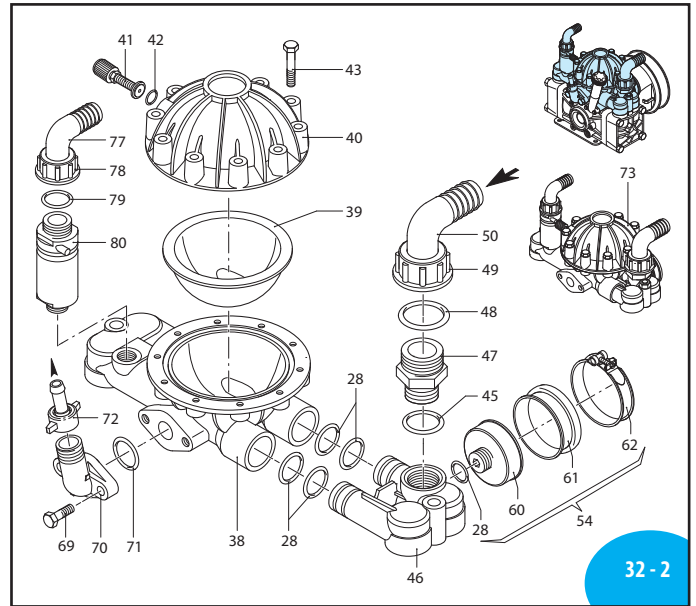
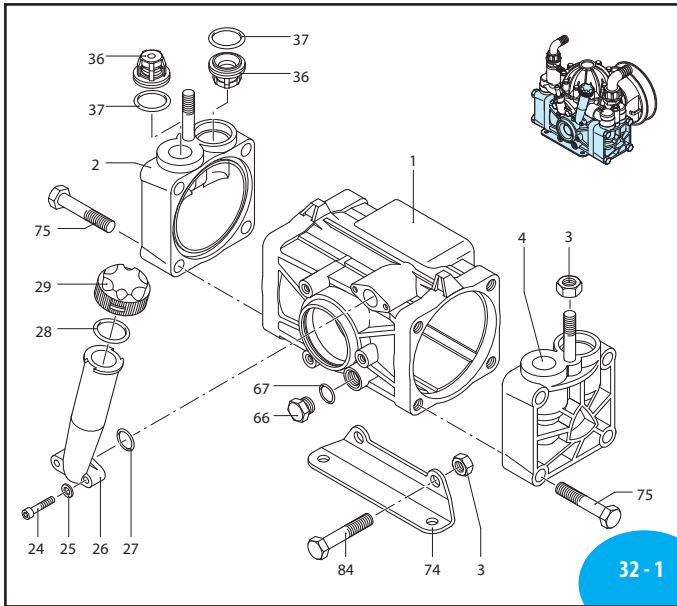




# AR 50

| Pos | Code    | Discription            | Qty | Note      |
|-----|---------|------------------------|-----|-----------|
| 1   | 650011  | Pump body              | 1   |           |
| 2   | 650102  | Head                   | 1   |           |
| 3   | 320130  | Nut M12                | 4   | T445*     |
| 4   | 650101  | Head                   | 1   |           |
| 5   | 160311  | Nut M8                 | 2   | SS T180*  |
| 6   | 650390  | Plate                  | 2   |           |
| 7   | 650081  | Diaphragm              | 2   | Viton     |
|     | 650082  | Diaphragm              | 2   | NBR       |
|     | 650085  | Diaphragm              | 2   | Desmopan  |
|     | 650080  | Diaphragm              | 2   | BlueFlex™ |
| 8   | 650090  | Plate                  | 2   |           |
| 9   | 650320  | Hub pin                | 2   |           |
| 10  | 650190  | Piston ring            | 2   |           |
| 11  | 650061  | Bushing                | 2   |           |
| 12  | 650121  | Piston Ø 63            | 2   |           |
| 13  | 650071  | Pin                    | 2   |           |
| 14  | 160691  | Ring circlip Ø1 18     | 4   |           |
| 15  | 650142  | Connecting-rod         | 2   |           |
| 16  | 650130  | Ring connecting rod    | 2   |           |
| 17  | 650111  | Sleeve                 | 2   |           |
| 18  | 200390  | Ring circlip Ø1 62     | 1   |           |
| 19  | 650040  | Cover                  | 1   |           |
| 20  | 650920  | O-ring Ø 53.65x2.62    | 1   |           |
| 21  | 650480  | Ring circlip Øe 30     | 1   |           |
| 22  | 230330  | Bearing                | 1   |           |
| 23  | 161050  | Ring circlip Ø1 72     | 1   |           |
| 24  | 850850  | Screw TCEI M6x30       | 2   | T90*      |
| 25  | 550331  | Washer                 | 2   |           |
| 26  | 650030  | Tank                   | 1   |           |
| 27  | 180101  | O-ring Ø 17.5x2        | 2   |           |
| 28  | 550040  | O-ring Ø 26.62x2.62    | 5   |           |
| 29  | 550050  | Plug                   | 1   |           |
| 30  | 650160  | Spacer                 | 1   |           |
| 31  | 650200  | Bearing                | 1   |           |
| 32  | 1400150 | Ring seal              | 1   |           |
| 33  | 650170  | Shaft marked S         | 1   |           |
| 34  | 1400140 | Flange                 | 1   |           |
| 35  | 961340  | Washer                 | 1   |           |
| 36  | 659050  | Valve                  | 4   |           |
| 37  | 320030  | O-ring Ø 31.5x4.5      | 4   |           |
| 38  | 650180  | Semi air chamber lower | 1   |           |
|     | 659204  | Semi air chamber       | 1   | See ●     |
| 39  | 650520  | Semi air chamber lower | 1   |           |
|     | 650523  | Air chamber            | 1   | BlueFlex™ |
| 40  | 650230  | Semi air chamber upper | 1   | Red       |
| 41  | 180020  | Air valve              | 1   |           |
| 42  | 650542  | Gasket                 | 1   |           |
| 43  | 621780  | Screw TE M8x40         | 10  | T180*     |
| 45  | 390290  | O-ring Ø 29x3          | 1   |           |

| Pos | Code    | Discription                | Qty | Note       |
|-----|---------|----------------------------|-----|------------|
| 46  | 650150  | Fitting                    | 1   |            |
| 47  | 450120  | Fitting 1" G - 1 1/4 G M-M | 1   |            |
| 48  | 390290  | O-ring Ø 29x3              | 1   |            |
| 49  | 580060  | Ring nut 1" 1/4 G          | 1   |            |
| 50  | 580040  | Elbow 1 1/4"               | 1   |            |
| 51  | 650250  | Key                        | 1   | For 650171 |
| 52  | 650171  | Shaft marked T             | 1   | ø 25 mm    |
|     | 650178  | Shaft marked U             | 1   | ø 25.4 mm  |
|     | 650179  | Shaft marked V             | 1   | ø 30 mm    |
| 54  | 659209  | Diaphragm                  | 1   |            |
| 56  | 650300  | Coupling                   | 1   | For 650171 |
| 57  | 680350  | Screw TCEI M8x35           | 1   | T180*      |
| 58  | 650490  | Ring seal                  | 1   |            |
| 59  | 650041  | Cover                      | 1   |            |
| 60  | 650660  | Diaphragm holder anodized  | 1   |            |
| 61  | 650670  | Diaphragm                  | 1   | NBR        |
|     | 650671  | Diaphragm                  | 1   | BlueFlex™  |
| 62  | 651670  | Clamp                      | 1   |            |
| 63  | 1500350 | Shield                     | 2   |            |
| 64  | 820670  | Screw TCEI M10x16          | 4   | T90*       |
| 65  | 659080  | Bushing complete           | 2   |            |
| 66  | 880530  | Plug 3/8" G                | 1   | T180*      |
| 67  | 740290  | O-ring Ø 14x1.78           | 1   |            |
| 68  | 1400110 | Ring                       | 1   |            |
| 69  | 540290  | Screw TCEI M8x25           | 2   | T180*      |
| 70  | 450145  | Flange                     | 1   |            |
| 71  | 550350  | O-ring Ø 23.81x2.62        | 1   |            |
| 72  | 110130  | Ring nut 1/2"              | 1   |            |
| 73  | 1523    | Air chamber                | 1   |            |
| 74  | 320392  | Foot                       | 2   |            |
| 75  | 750060  | Screw TE M12x65            | 8   | T445*      |
| 77  | 550460  | Elbow 3/4"                 | 1   |            |
| 78  | 550450  | Ring nut 3/4" G            | 1   |            |
| 79  | 880831  | O-ring Ø 15.54x2.62        | 1   | Viton      |
| 80  | 1609001 | Safety valve               | 1   |            |
| 81  | 380241  | Washer                     | 3   |            |
| 82  | 1200521 | Spacer                     | 3   |            |
| 83  | 680350  | Screw TCEI M8x35           | 3   | T90*       |
| 84  | 750060  | Screw TE M12x65            | 2   | T265*      |

● With plug and o-ring for version without safety valve.

\* Torque: in-lbs +/- 10%

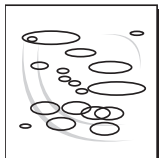
Medium pressure



| AR 43290<br>Buna diaphragms      |     |
|----------------------------------|-----|
| AR 43293<br>BlueFlex™ diaphragms |     |
| AR 43291<br>Desmopan diaphragms  |     |
| Pos.                             | Qty |
| 7                                | 2   |
| 37                               | 4   |
| 39                               | 1   |



| AR 1920<br>Valves |     |
|-------------------|-----|
| Pos.              | Qty |
| 36                | 4   |
| 37                | 4   |



| AR 1919<br>O-Rings |     |
|--------------------|-----|
| Pos.               | Qty |
| 20                 | 1   |
| 27                 | 2   |
| 28                 | 5   |
| 37                 | 4   |
| 42                 | 1   |
| 45                 | 1   |
| 67                 | 1   |
| 71                 | 1   |



| Suggested oil |    |
|---------------|----|
| Type          | Oz |
| AR64516       | 16 |

Crankcase Oil  
Capacity 36 oz