



**15301955**  
Revision E  
February 2025

# **Regulator Assembly**

**3000 Series**

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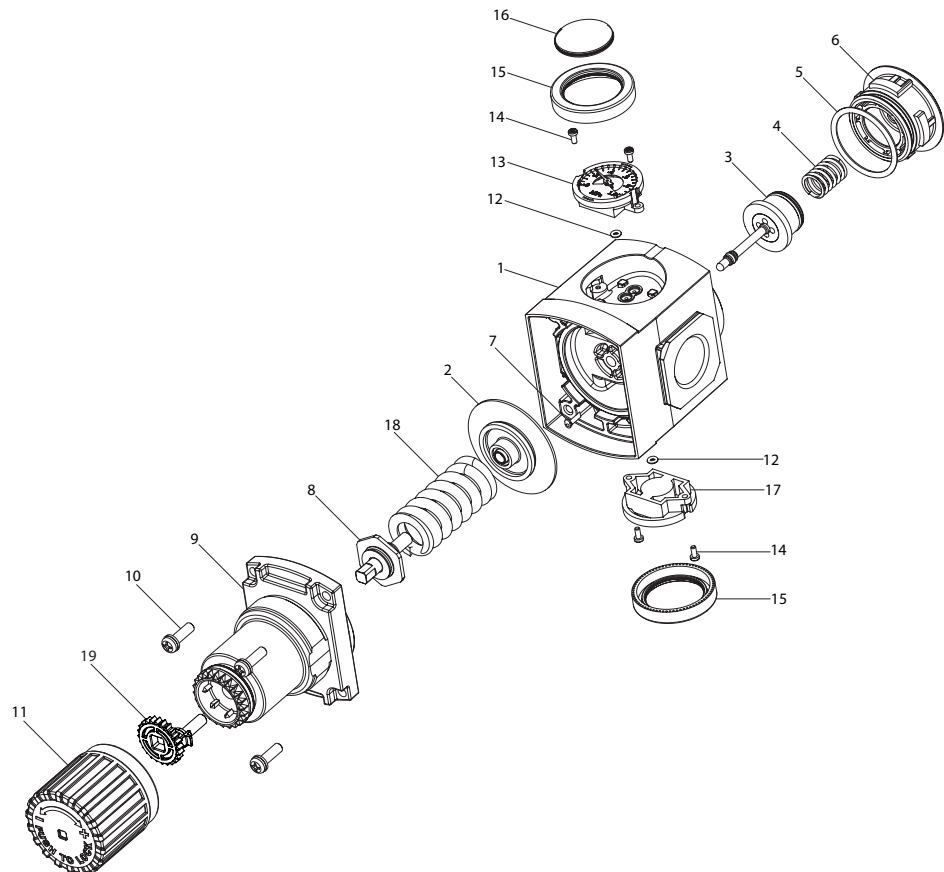
## **Parts Information**



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Regulator Assembly 3000 Series R374X1-XXX Exploded Diagram

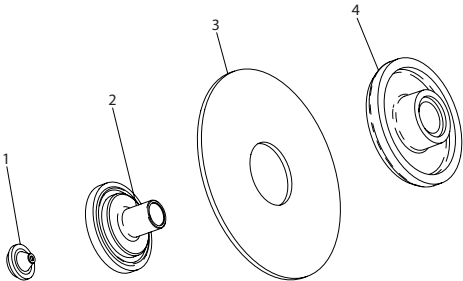


(Dwg. 15321995 )

Regulator Assembly 3000 Series R374X1-XXX Parts List

| Item | Part Description       | Material        | Part Number | Item | Part Description                                                             | Material      | Part Number |
|------|------------------------|-----------------|-------------|------|------------------------------------------------------------------------------|---------------|-------------|
| 1    | Regulator Body         | Aluminum        | ---         | 14   | Block Cover Bolt                                                             | Steel         | ---         |
|      | 3/4" NPT (R37451-XXX)  |                 | ---         | 15   | Cover Ring                                                                   | Nylon         | ---         |
|      | 1" NPT (R37461-XXX)    |                 | ---         | 16   | Gauge Cover                                                                  | Polycarbonate | ---         |
|      | 3/4" BSP (R374E1-XXX)  |                 | ---         | 17   | Block Cover                                                                  | Nylon         | ---         |
|      | 1" BSP (R374F1-XXX)    |                 | ---         | 18   | Adjusting Spring                                                             |               |             |
| 2    | Diaphragm Assembly     | ---             | ---         |      | 0-30 psi (R374X1-4XX)                                                        | Steel         | 104534      |
| 3    | Valve Assembly         | ---             | ---         |      | 0-50 psi (R374X1-2XX)                                                        |               | 104456      |
| 4    | Valve Spring           | Stainless Steel | ---         |      | 5-125 psi (R374X1-1XX,<br>R374X1-6XX)                                        |               | 104457      |
| 5    | Valve Guide "O" Ring   | Nitrile         | ---         |      | 10-250 psi (R374X1-3XX)                                                      |               | 104458      |
| 6    | Valve Guide            | Nylon           | ---         | 19   | Tamper Kit                                                                   |               | 104455      |
| 7    | Static Pressure Tube   | Acetal          | ---         |      | Service Kit (R374X1-X0X)<br>(Relieving: Includes Items<br>2, 3, 4, 5, 6)     | ---           | 104453      |
| 8    | Adjusting Assembly     | ---             | ---         |      | Service Kit (R374X1-X2X)<br>(Non-Relieving: Includes Items<br>2, 3, 4, 5, 6) | ---           | 104454      |
| 9    | Bonnet                 | Aluminum        | ---         |      |                                                                              |               |             |
| 10   | Bonnet Screw           | Steel           | ---         |      |                                                                              |               |             |
| 11   | Handle                 | Acetal          | ---         |      |                                                                              |               |             |
| 12   | Gauge "O" Ring         | Nitrile         | ---         |      |                                                                              |               |             |
| 13   | Flush Type Gauge       |                 |             |      |                                                                              |               |             |
|      | 0-140 psi (R374X1-6XX) | ---             | 104334      |      |                                                                              |               |             |

Diaphragm Assembly 3000 Series R374X1-XXX Exploded Diagram

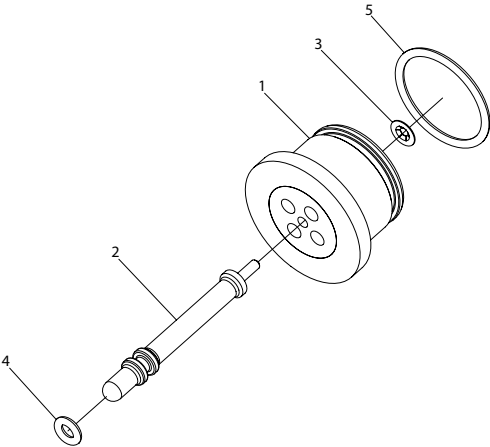


(Dwg. 15322043)

Diaphragm Assembly 3000 Series R374X1-XXX Parts List

| Item | Part Description  | Material      | Part Number |
|------|-------------------|---------------|-------------|
| 1    | Relief Valve Seat | Nitrile       | ---         |
| 2    | Relief Valve      | Zinc          | ---         |
| 3    | Diaphragm         | Nitrile+Nylon | ---         |
| 4    | Diaphragm Shell   | Aluminum      | ---         |

Valve Stem Assembly 3000 Series R374X1-XXX Exploded Diagram

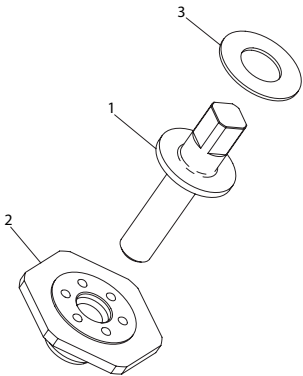


(Dwg. 15322050)

Valve Stem Assembly 3000 Series R374X1-XXX Parts List

| Item | Part Description | Material      | Part Number |
|------|------------------|---------------|-------------|
| 1    | Valve Assembly   | Nitrile+Nylon | ---         |
| 2    | Stem             | Brass         | ---         |
| 3    | Pushnut          | Spring Steel  | ---         |
| 4    | Stem "O" Ring    | Nitrile       | ---         |
| 5    | Valve "O" Ring   |               | ---         |

Adjusting Assembly 3000 Series R374X1-XXX Exploded Diagram



(Dwg. 15322068)

Adjusting Assembly 3000 Series R374X1-XXX Parts List

| Item | Part Description | Material | Part Number |
|------|------------------|----------|-------------|
| 1    | Adjusting Bolt   | Steel    | ---         |
| 2    | Adjusting Nut    |          | ---         |
| 3    | Lining           | PTFE     | ---         |

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **ARO** Office or Distributor.

Related Documentation

For additional information refer to:  
Product Safety Information Manual 15301765.  
Product Information Manual 15301773.  
Maintenance Information Manual 15301781.  
Manuals can be downloaded from [arozone.com](http://arozone.com).

Part No. 100400-72

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