

## VGS™3040 WITH ATMOSPHERIC QUICK-RELEASE VALVE - AQR 02



- ▶ COAX® cartridge integrated.
- ▶ Built-in quick release for fast release of object, internal or separate feed.
- ▶ Available in lock pin 16, 19 or ball joint mountings, industry standard.
- ▶ Available with level compensator to compensate for differences in level of object.

### TECHNICAL DATA

| Description                | Unit | Value           |
|----------------------------|------|-----------------|
| Feed pressure, max.        | MPa  | 0.7             |
| Feed pressure, range       | MPa  | 0.3-0.7         |
| Noise level, range         | dBA  | 65-74           |
| Material                   |      | Al, NBR, PA, SS |
| Temperature range          | °C   | 0-50            |
| Weight, range              | g    | 221-282         |
| Flow, atmospheric, average | NI/s | 7.85            |

### PERFORMANCE TABLES

Depending upon choice of COAX® Cartridge, performance data of the VGS™3040 can be found in the tables for vacuum flow and evacuation time on the VGS™3040 or COAX® Cartridge datasheets.

### ORDERING INFORMATION

| 1. Housing         | VGS Code |
|--------------------|----------|
| Housing Left hand  | 00       |
| Housing Right hand | 01       |

| 2. COAX® cartridge                            | VGS Code |
|---|----------|
| COAX® cartridge MINI Pi12-2                   | AB       |
| COAX® cartridge MINI Pi12-3                   | AC       |
| COAX® cartridge MINI Pi12-2, non-return valve | AD       |
| COAX® cartridge MINI Pi12-3, non-return valve | AE       |
| COAX® cartridge MINI Si08-2                   | AF       |
| COAX® cartridge MINI Si08-3                   | AG       |
| COAX® cartridge MINI Si08-3, non-return valve | AI       |
| COAX® cartridge MINI Si08-2, non-return valve | AH       |
| COAX® cartridge MINI Xi10-2                   | AJ       |
| COAX® cartridge MINI Xi10-3                   | AK       |
| COAX® cartridge MINI Xi10-2, non-return valve | AL       |
| COAX® cartridge MINI Xi10-3, non-return valve | AM       |

| 3. Mounting style                           | VGS Code |
|---|----------|
| No mounting style                           | 00       |
| P Mounting Lock pin 16 mm                   | 01       |
| C Mounting Lock pin 19 mm                   | 02       |
| I Mounting Ball joint                       | 03       |
| P Mounting Lock pin 16 mm level compensator | 04       |
| C Mounting Lock pin 19 mm level compensator | 05       |
| I Mounting Ball joint level compensator     | 06       |
| Mounting Extrusion mount level compensator  | 07       |
| Mounting Profile mount                      | 08       |

For detailed information on level compensator and Profile mount, see separate datasheets.

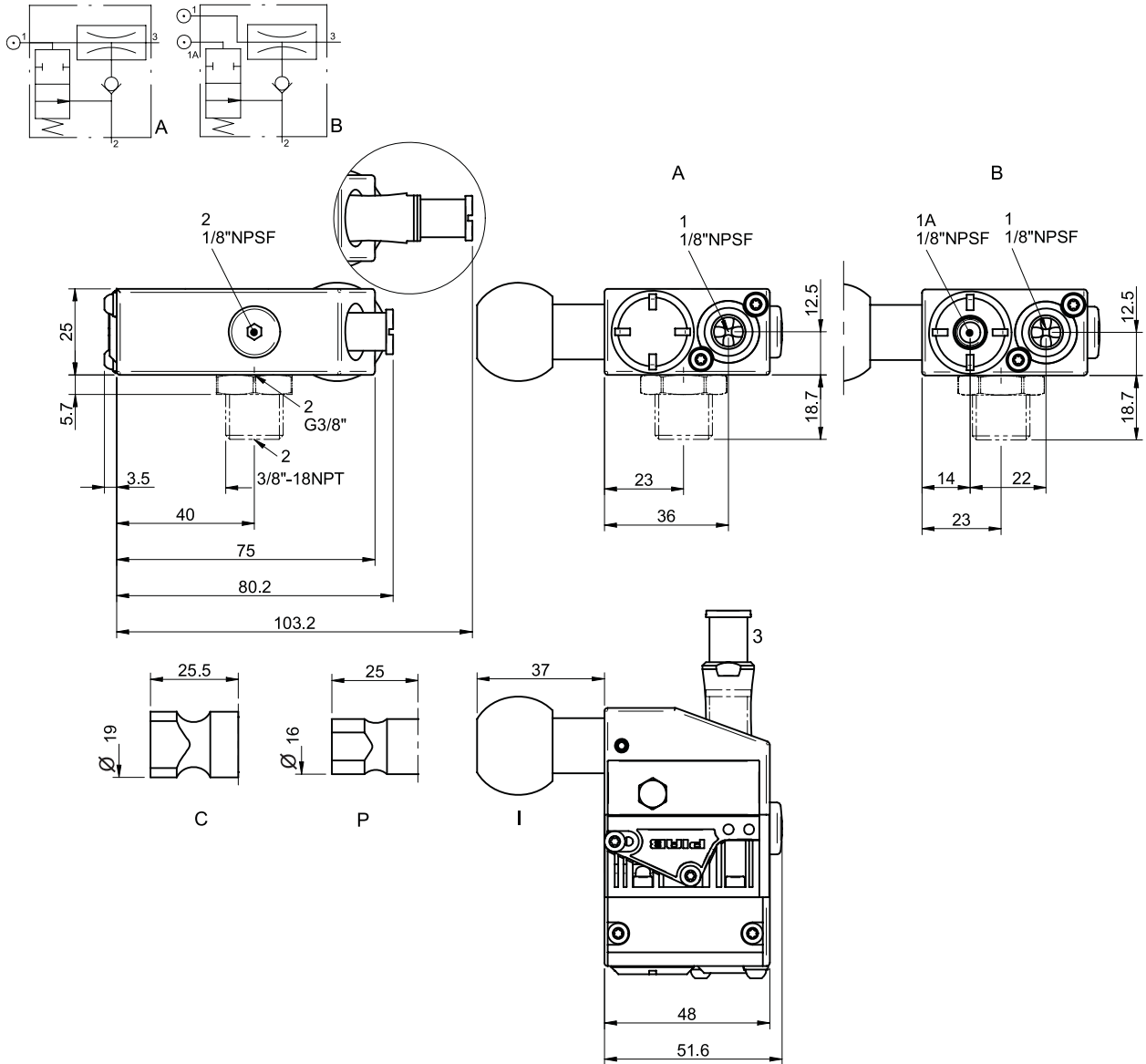
| 4. Energy saving  | VGS Code |
|---|----------|
| No energy saving  | AA       |
| Energy saving Vacustat 65 -kPa                              | AB       |
| Energy saving Vacustat, Adjustable (factory set at 45 -kPa) | AC       |

For detailed information on Vacustat, see separate datasheet.

| 5. Release function       | VGS Code |
|---------------------------|----------|
| A Release AQR 02 internal | 02       |
| B Release AQR 02 external | 03       |

| 6. Vacuum connection               | VGS Code |
|------------------------------------|----------|
| G3/8" female                       | AA       |
| G3/8" male - 3/8" NPT male adapter | AB       |

| Example  | Ordering number           |
|--|---------------------------|
| VGS™3040 with left hand housing, COAX® cartridge MINI Pi 12-2, mounting lock pin 16mm, no energy saving, release AQR 02 internal, G3/8" female vacuum connection | VGS3040 01 AB 01 AA 02 AA |



All drawings are of left-handed tooling.

Vacuum grippers VGS™3040