

▼ Shown from left to right: GA3, V91, GA1, GA2, GA4, NV251, GA918



## GA, NV, V Series

Maximum Operating Pressure:  
**700 bar**

▼ A gauge is easily installed into your hydraulic system using a gauge adaptor.



**Gauge Adaptors (GA-Series)**

- For easy mounting of a pressure gauge onto your system
- Male end screws into pump or cylinder port, female end accepts hose or coupler, 3<sup>rd</sup> port is for gauge connection
- GA918 provides for swivel connection.

| Model Number | Gauge Port (NPTF) | Male End (NPTF) | Female End (NPTF) | Dimensions (mm) |    |           |           |           |    |
|--------------|-------------------|-----------------|-------------------|-----------------|----|-----------|-----------|-----------|----|
|              |                   |                 |                   | A               | B  | C         | D         | E         | F  |
| GA1          | 1/2"              | 3/8"            | 3/8"              | 71              | 31 | 1/2" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA2          | 1/2"              | 3/8"            |                   | 155             | 35 | 1/2" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA3          | 1/4"              | 3/8"            |                   | 133             | 35 | 1/4" NPTF | 3/8" NPTF | 3/8" NPTF | 32 |
| GA4          | 1/2"              | 1/4"            |                   | 111             | 35 | 1/2" NPTF | 1/4" NPTF | 3/8" NPTF | 32 |

GA1

GA2, GA3, GA4

**Swivel Adaptor (GA918)**

- Simplifies gauge installation and reading.

| Model Number | Dimensions (mm) |    |           |      |           |    |    |
|--------------|-----------------|----|-----------|------|-----------|----|----|
|              | A               | B  | C         | D    | E         | S  | S1 |
| GA918        | 117             | 43 | 1/2" NPTF | 28,5 | 1/2" NPTF | 29 | 38 |

GA918

**Needle Valves (V- and NV-Series)**

- Both NV251 and V91 provide positive shut-off
- 316 stainless steel stem, 24 threads/in (NV251).

| Model Number | Orifice (mm) | Thread Size | Dimensions (mm) |    |           |    |    |    |    |
|--------------|--------------|-------------|-----------------|----|-----------|----|----|----|----|
|              |              |             | A               | B  | C         | D  | E  | F  | H  |
| NV251        | 4,3          | 1/4" NPTF   | 57              | 29 | 1/4" NPTF | 57 | 46 | 19 | 19 |
| V91          | 4,8          | 1/2" NPTF   | 89              | 32 | 1/2" NPTF | 64 | 32 | 37 | 37 |

NV251

V91