ARAYMOND FLUID CONNECTION

VDA QUICK CONNECTORS

for engine & battery cooling
APPLICATIONS

1. Heater box
2. Flow distribution line
3. Radiator Hose
4. Degas line
5. Battery cooling
Robust and compact, our VDA Quick Connectors are compatible with various coolant fluids. ARaymond can also develop custom solutions to meet your needs. If you require a specific diameter, angle, hose connection, or head range, our engineers can develop a connector for you. Anti-rotation device are also available in multiple positions as are additional features like pressure and temperature measurement and control.
RANGE OF PARTS

NW 6 ............................................ p.6
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Dimensions and technical specifications: please contact us
VDA Quick connector

CHAPTER GA

NW 6

VDA QC - RW 90° - Single O-Ring

GA1

PA 6.0x8.0 / NT413
- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

VDA QC - RW 0° - Single O-Ring

GA2

PA 6.0x8.0 / NT413
- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

VDA QC - RW 0° - Single O-Ring

GA3

Rubber 10 / NT413
- Working pressure: 0,5 to 2 bars***
- T°: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us
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VDA Quick connector

CHAPTER JA

NW 12

VDA QC

NT413

- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

VDA QC - RW 0° - Single O-Ring

Rubber 12.0 / NT413

- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

VDA QC - RW 270° - Single O-Ring

Rubber 12.0 / NT413

- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us
VDA Quick connector

CHAPTER MA

NW 14

MA1
VDA QC

PA 14.0x16.0 or 5/8” / NT414
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

MA2
VDA QC

NT414
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us
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CHAPTER NB

**NW 16**

### NB14
- **VDA QC**
- **PA 16.5x18.5 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

### NB18
- **VDA QC - RW 0°**
- **PA 16.5x18.5 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

### NB1
- **VDA QC**
- **Rubber 16.0 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

### NB22
- **VDA QC - Single O-Ring**
- **Rubber 16.0 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

### NB8
- **VDA QC - RW 0°**
- **Rubber 16.0 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

### NB7
- **VDA QC - RW 180°**
- **Rubber 16.0 / NT413**
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

*Dimensions and technical specifications: please contact us*
VDA Quick connector

CHAPTER NB

>>> NW 16

**VDA QC - RW 90°**

**75°**

- Rubber 16.0
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

- New tool required

**VDA QC - RW 0°**

**90°**

- Rubber 16.0 / NT413
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

**VDA QC - RW 0°**

**90°**

- Rubber 16.0 / NT413
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

**VDA QC - RW 90°**

**90°**

- Rubber 16.0 / NT413
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

**VDA QC - RW 0° - Single O-Ring**

**90°**

- Rubber 16.0 / NT413
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

**VDA QC - RW 270° - Single O-Ring**

**3 ways**

- Rubber 16.0 / NT413
  - Working pressure: 0.5 to 2 bars***
  - T°: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us

http://connecting.araymond-automotive.com
### NW 16

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Pressure Range</th>
<th>Temperature Range</th>
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<td>NB2</td>
<td>VDA QC - Anti twist device</td>
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<td>VDA QC - RW 270°</td>
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<td>VDA QC - RW 0°</td>
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</tbody>
</table>

*New tool required*

*Dimensions and technical specifications: please contact us*
CHAPTER NB

NW 16

VDA Quick connector

VDA QC - RW 180°

Rubber 8, Rubber 20.0 / NT413
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

End piece - T shape -
for VDA standard QC

Rubber 16.0 / NT413
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

Rubber 16.0
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us
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CHAPTER XA

NW 20

End piece - for VDA connectors

**New**

Rubber 20.0 / NT413

- Working pressure: 0.5 to 2 bars***
- T*: -40°C to 120°C in continuous***

Dimensions and technical specifications: please contact us
VDA Quick connector

CHAPTER XP

VDA QC - RW 0° - Single 0-Ring

Rubber 26.0 / NT413

- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

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**VDA Quick connector**

### CHAPTER OB

#### NW 32

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<th>OB4</th>
<th>0°</th>
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<td>Rubber 30.0 / NT413</td>
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<tr>
<td>PA 6.0x8.0, Rubber 13, Rubber 32.0 / NT413</td>
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http://connecting.araymond-automotive.com  Dimensions and technical specifications: please contact us
VDA Quick connector

CHAPTER OB

/// NW 32

**VDA QC - RW 270° - Single O-Ring**

- **90°**
- PA 14.0x16.0 or 5/8”
- Rubber 32.0 / NT413
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***

**VDA QC - RW 90° - Single O-Ring**

- **30°**
- Rubber 32.0 / NT413
- Working pressure: 0.5 to 2 bars***
- T°: -40°C to 120°C in continuous***
NEXT GENERATION

Driven by a constant care in answering our customer requirements and anticipating the evolution of the automotive industry, our experts in Quick Connectors work to design increasingly innovative solutions for the next generation of Quick Connectors for cooling lines.

Find your contact on http://connecting.araymond-automotive.com
ARAYMOND, CLOSE TO YOU EVERYWHERE

1 center of expertise
11 engineering centers
26 manufacturing sites in 25 countries
6,800 employees
More than 150 years of experience

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*** We are able to offer diverse solutions for pressure and temperature out of this range. Feel free to contact us.

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