SERIES RF2/…

Braking torque daNm 7÷43

TECHNICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>CODE</th>
<th>2/7</th>
<th>2/14</th>
<th>2/21</th>
<th>2/32</th>
<th>2/43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static torque</td>
<td>daNm</td>
<td>6 ÷ 8</td>
<td>13 ÷ 15</td>
<td>20 ÷ 22</td>
<td>31 ÷ 34</td>
</tr>
<tr>
<td>Min. opening pressure</td>
<td>bar</td>
<td>4 ÷ 5</td>
<td>8 ÷ 9</td>
<td>11 ÷ 13</td>
<td>16 ÷ 19</td>
</tr>
<tr>
<td>Max. opening pressure</td>
<td>bar</td>
<td></td>
<td></td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Minimum oil capacity</td>
<td>cm³</td>
<td></td>
<td></td>
<td>3 ÷ 4</td>
<td></td>
</tr>
</tbody>
</table>

The static torque is considered with the internal of the brake at 0 bar.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>OIL QUANTITY</th>
<th>Mass daN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Horizontal</td>
<td>Vertical</td>
</tr>
<tr>
<td>DG - RF/288</td>
<td>0,050</td>
<td>0,100</td>
</tr>
<tr>
<td>DG - RF/289</td>
<td>0,075</td>
<td>0,150</td>
</tr>
<tr>
<td>DG - RF/290</td>
<td>0,075</td>
<td>0,150</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>ISO VG 32</td>
<td>2,8 ÷ 3,2°E 50°C</td>
</tr>
</tbody>
</table>

MAINTENANCE

We advise to effect the first change of oil after the first 50-60 working hours and afterwards every 500-1500 hours, according to work conditions of the brake.

During oil change, it is necessary to clean magnetic plugs.
### Technical Characteristics

<table>
<thead>
<tr>
<th>Input</th>
<th>OMP ; OMR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>OMP ; OMR</td>
</tr>
</tbody>
</table>

**Series TRF**

- 

<table>
<thead>
<tr>
<th>Input</th>
<th>OMSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>OMS</td>
</tr>
</tbody>
</table>

**Series TRF**

- 

<table>
<thead>
<tr>
<th>Input</th>
<th>OMSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>OMSW</td>
</tr>
</tbody>
</table>

**Series TRF**

- 

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**Input & Output Dimensions:**

- OMP & OMR: [Diagram]
- OMSS & OMS: [Diagram]
- OMSS & OMSW: [Diagram]

---

**Maintenance:**

- We advise to effect the first oil change after the first 20 hours of working and afterwards every 3000 hours according to the brake conditions.

---

**Brake Release Port:**

- Depth = 9

---

**Series TRF Torque Data:**

- Static torque daNm
- Min opening pressure bar
- Max opening pressure bar
- Minimum oil capacity for brake opening cm

---

**Series TRF Torque Data:**

- Static torque daNm
- Min opening pressure bar
- Max opening pressure bar
- Minimum oil capacity for brake opening cm

---

**Series TRF Torque Data:**

- Static torque daNm
- Min opening pressure bar
- Max opening pressure bar
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**Series TRF Torque Data:**

- Static torque daNm
- Min opening pressure bar
- Max opening pressure bar
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TECHNICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Static torque</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>daNm</td>
<td>18 ÷ 23</td>
<td>28 ÷ 33</td>
<td>42 ÷ 46</td>
<td>61 ÷ 70</td>
<td>83 ÷ 92</td>
<td>108 ÷ 118</td>
<td>126 ÷ 136</td>
</tr>
<tr>
<td>Min. opening pressure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>bar</td>
<td>4 ÷ 5</td>
<td>6 ÷ 7</td>
<td>9 ÷ 10</td>
<td>13 ÷ 15</td>
<td>18 ÷ 20</td>
<td>23 ÷ 25</td>
<td>27 ÷ 31</td>
</tr>
<tr>
<td>Max. opening pressure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>bar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Minimum oil capacity for brake opening</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13 ÷ 15</td>
</tr>
</tbody>
</table>

- The static torque is considered with the internal of the brake at Ø bar.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>OIL QUANTITY</th>
<th>lt.</th>
<th>Mass daN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Horizontal</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>DG - RF/313</td>
<td>0,25</td>
<td>0,35</td>
<td>26</td>
</tr>
<tr>
<td>DG - RF/314</td>
<td>0,20</td>
<td>0,30</td>
<td>24</td>
</tr>
<tr>
<td>DG - RF/315</td>
<td>0,20</td>
<td>0,30</td>
<td>25</td>
</tr>
<tr>
<td>DG - RF/316</td>
<td>0,25</td>
<td>0,35</td>
<td>29</td>
</tr>
</tbody>
</table>

VISCOSITY
ISO VG 32
2,8 ÷ 3,2°E 50°C

MAINTENANCE
We advise to effect the first change of oil after the first 50-60 working hours and afterwards every 500-1500 hours, according to work conditions of the brake.

During oil change, it is necessary to clean magnetic plugs.
TECHNICAL CHARACTERISTICS

\[
\begin{align*}
\text{Ø O} & \quad \text{Static Torque daN} \\
\text{Minf Opening Pressure bar} & \quad \text{Maxf Opening Pressure bar} \\
\text{Minimum Oil Capacity for Brake Opening cm} & \quad \text{mm}
\end{align*}
\]

The static torque is considered with the internal of the brake at Ø bar.

**Input**: OMTS
**Output**: OMT
**Part Number**: DG - RF/314

**Input**: OMTS
**Output**: OMTW
**Part Number**: DG - RF/315

Fa 1100 daN
n=200 r.p.m.
h=3000 hours

Mounting flange
**TECHNICAL CHARACTERISTICS**

- **Ø**: [Dimensions and specifications are given in the diagram.]
- **Static Torque**: [Values are provided in the diagram.]
- **Minimum Oil Capacity**: [Values are provided in the diagram.]

**MAINTENANCE**

- **First Oil Change**: After the first 200 hours of operation, and afterwards every 3,000 hours. It is necessary to clean magnetic plugs during oil change.

**Input OMVS**
- **Output OMV**

**Input OMVS**
- **Output OMVW**
**Technical Characteristics**

- Ø Ø°
- Static Torque daNm
- Min Opening Pressure bar
- Max Opening Pressure bar
- Minimum Oil Capacity for Brake Opening cm³

*The static torque is considered with the internal of the brake at Ø bar.*

**Viscosity**

- ISO VG 32
- 2.8 ÷ 3.2˚E 50˚C

**MAINTENANCE**

- We advise to effect the first change of oil after the first 100 working hours and afterwards every 1000 hours depending on the working conditions of the brake.
- During oil changed it is necessary to clean magnetic plugs.

### Table: Oil Quantity and Mass

<table>
<thead>
<tr>
<th>Type</th>
<th>Oil Quantity</th>
<th>Mass daN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Horizontal</td>
<td>Vertical</td>
</tr>
<tr>
<td>DG - RFF/392</td>
<td>0.25</td>
<td>0.50</td>
</tr>
<tr>
<td>DG - RFF/396</td>
<td>0.30</td>
<td>0.60</td>
</tr>
</tbody>
</table>

*Depth = 9*

---

**Reggiana Riduttori**

The technical information contained in this catalogue is approximate for the choice of the brake gear which must be made by the systems engineer for the foreseen application. The Reggiana Riduttori technical service is available for the checks that become necessary.

In order to improve the product Reggiana Riduttori reserves the right to make both the technical and dimensional modifications that will be considered suitable without having to give prior notice there of.

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