When a standard breather is not enough
The Dodge line of Hydra-Lock desiccant breathers deliver maximum protection for Dodge gearing operating in harsh environments. This breather protects lubricants from humidity and keeps out even the smallest particulates that can destroy the effectiveness of your reducer. Ideal for use on Dodge Motorized Torque-Arm®, Torque-Arm II®, and MagnaGear reducers, a Hydra-Lock desiccant breather will reduce wear, extend oil and filter life and provide maximum uptime.

Ideal for:
- Higher humidity environments
- Washdown applications
- Reducers in storage
- A higher level of contaminant protection

Specifications:
- Integrated nylon standpipe
- Interior check valves create a nearly sealed system
- Clear polycarbonate casing allows for greater chemical compatibility and vibration resistance
- Multi-tiered filtration process

Benefits:
- Eliminates rust-forming condensation
- Prevents sludge deposits and water-contaminated oil
- Provides longer oil and filter life
- Reduces equipment wear for longer life

<table>
<thead>
<tr>
<th>Product Specifications</th>
<th>HL0</th>
<th>HL1</th>
<th>HL2</th>
<th>HL3</th>
<th>HL4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembly part number</td>
<td>964372</td>
<td>964364</td>
<td>964366</td>
<td>964368</td>
<td>964370</td>
</tr>
<tr>
<td>Unit height (in/mm)</td>
<td>3.90&quot;/99.06 mm</td>
<td>5.31&quot;/135 mm</td>
<td>6.125&quot;/155.6 mm</td>
<td>8.125&quot;/206.4 mm</td>
<td>10.125&quot;/257.2 mm</td>
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<tr>
<td>Unit diameter (width in/mm)</td>
<td>2.52&quot;/64.01 mm</td>
<td>2.52&quot;/64 mm</td>
<td>4&quot;/101.6 mm</td>
<td>4&quot;/101.6 mm</td>
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<tr>
<td>Adsorption capacity (fl oz/ml)</td>
<td>0.79 fl oz/23.3 ml</td>
<td>1.68 fl oz/49.6 ml</td>
<td>4.00 fl oz/118.2 ml</td>
<td>7.45 fl oz/220.3 ml</td>
<td>11.3 fl oz/333 ml</td>
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<tr>
<td>Filtration</td>
<td>3μ absolute (β &gt;200)</td>
<td>3μ absolute (β &gt;200)</td>
<td>3μ absolute (β &gt;200)</td>
<td>3μ absolute (β &gt;200)</td>
<td>3μ absolute (β &gt;200)</td>
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<td>-20 to +200</td>
<td>-20 to +200</td>
<td>-20 to +200</td>
<td>n-20 to +200</td>
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<td>-29 to +93</td>
<td>-29 to +93</td>
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<tr>
<td>Thread Connection Size (NPT)</td>
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<td>3/8&quot;</td>
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<td>1&quot;</td>
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<td>Recommended for</td>
<td>TA0107-TA3203</td>
<td>TA4207-TA9415</td>
<td>TA10507-TA12608</td>
<td>MagnaGear 525-920</td>
<td>MagnaGear extreme duty applications</td>
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<tr>
<td>Dodge reducer sizes</td>
<td>MTA2&amp;3</td>
<td>MTA4-8</td>
<td>MagnaGear 100-390</td>
<td>MagnaGear 525-920</td>
<td>MagnaGear extreme duty applications</td>
</tr>
</tbody>
</table>

Foam pad
Reduces oil mist exhalation. Ensures outgoing air is evenly disbursed through the filters and desiccant.

Resilient polycarbonate body
Shock absorbing, clear casing provides reliable service and easy maintenance.

Desiccant material
Silica gel absorbs water from incoming air. Indicates condition by change of color from blue to pink.

Filter element
Patented polyester filter removes contamination to 3-micron.

Threaded mounting
Easily replaces standard filter/breather cap with one of several adapters.

Interior Check Valve System
Provides system pressurization, protecting system integrity and reduction of particle contamination. Plugs keep unit inactive until use.
A breather for every application

From a standard filter breather to a fully enclosed chamber breather, customers can choose their desired level of protection.

Standard filter breather
- Unconstrained capped filter element
- Larger opening screen below the filter
- Taller overall height helps to avoid dust buildup around opening

Ceramic filter breather
- 40 micron filter
- Metal cap
- Corrosion resistant

Hydra-Lock desiccant breathers
- Internal check valve system creates a nearly sealed system
- Integrated nylon standpipe and clear polycarbonate casing allow for greater chemical compatibility and vibration resistance
- Filter element captures particles at 3 micron absolute

Totally enclosed metal breather
- No outside air enters the reducer
- Chamber expands and contracts with pressure
- Good for high humidity or wet environments

### Product specifications

<table>
<thead>
<tr>
<th></th>
<th>Standard filter</th>
<th>Ceramic</th>
<th>Hydra-Lock desiccant</th>
<th>Enclosed metal</th>
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<tr>
<td>Filtration</td>
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<td>40µ (µ ≥200)</td>
<td>3µ ABSOLUTE (µ ≥200)</td>
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<td>MagnaGear extreme duty applications</td>
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For more information please contact:
http://new.abb.com/mechanical-power-transmission