7800 Series Vertical Discharge Pumps

Models:
11019 A
NEW!...V11019 SE
11031 NS
11032 NS
11034 NS

Features, Dimensions and Performance Data
# 11019 AVD-SE

**Model:** 11019 AVD-SE  
**Speed:** 3450 RPM  
**Hertz:** 60  
**Impeller Dia:** 4.250

<table>
<thead>
<tr>
<th>Z number</th>
<th>Depth of immersion</th>
<th>Weight</th>
<th>Flow @ Head</th>
<th>Thread</th>
<th>Height Motor</th>
<th>Power</th>
<th>Voltage</th>
<th>Rated</th>
<th>SF</th>
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<tr>
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<td>mm</td>
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<td>kg</td>
<td>Gpm</td>
<td>l/min</td>
<td>inch</td>
<td>mm</td>
<td>HP</td>
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<tr>
<td>Z217888 (STD)</td>
<td>12.812</td>
<td>325.4</td>
<td>140</td>
<td>63.64</td>
<td>50</td>
<td>189.25</td>
<td>13.75</td>
<td>349.25</td>
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<td>Z217889 (+4&quot;)</td>
<td>18.812</td>
<td>477.8</td>
<td>162</td>
<td>73.64</td>
<td>80</td>
<td>24.39</td>
<td>206</td>
<td>935</td>
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<td>206</td>
<td>935</td>
<td>208/230</td>
</tr>
<tr>
<td>Z217891 (+18&quot;)</td>
<td>30.812</td>
<td>702.6</td>
<td>206</td>
<td>93.64</td>
<td>80</td>
<td>24.39</td>
<td>206</td>
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<td>Z217892 (+24&quot;)</td>
<td>36.812</td>
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<td>228</td>
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<td>80</td>
<td>24.39</td>
<td>206</td>
<td>935</td>
<td>208/230</td>
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Also available in horizontal.
Model: 11019 AVD-SE  
Speed: 3450 RPM  
Hertz: 60  
Impeller Dia: 5.750

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<tr>
<th>Z number</th>
<th>Depth of immersion</th>
<th>Weight</th>
<th>Flow @ Head</th>
<th>Thread</th>
<th>Height Motor</th>
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<th>Rated</th>
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<td>lbs</td>
<td>kg</td>
<td>Gpm</td>
<td>l/min</td>
<td>inch</td>
<td>mm</td>
<td>HP</td>
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<tr>
<td>Z217902 (STD)</td>
<td>12.812</td>
<td>325.4</td>
<td>210</td>
<td>95.45</td>
<td>100</td>
<td>378.5</td>
<td>15</td>
<td>381</td>
<td>5</td>
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<td>Z217903 (+6&quot;)</td>
<td>18.812</td>
<td>477.8</td>
<td>232</td>
<td>105.45</td>
<td>FL</td>
<td>m</td>
<td>276</td>
<td>125.45</td>
<td>460</td>
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<tr>
<td>Z217904 (+12&quot;)</td>
<td>24.812</td>
<td>630.2</td>
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<td>115.45</td>
<td>130</td>
<td>42.67</td>
<td>368.12</td>
<td>935.0</td>
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11019 AVD Performance Data

Verti7800 - 3000 Catalog: Gusher Pump Catalog 50Hz, Vers 3.0
Size: 11019SE-A Speed: 2875 rpm Dia: 6.35 in

Verti7800 - 3000 Catalog: Gusher Pump Catalog 60Hz, Vers 3.0
Size: 11019SE-A Speed: 3450 rpm Dia: 6.35 in

Pumps over 150 at consult factory.

www.gusher.com
V11019 AVD-SE

NEW!...FROM GUSHER...V11019-SE SERIES

Performance Data for Vortex V11019 AVD-SE

CONTACT GUSHER FOR MORE INFORMATION...859-824-3100
### Model: 11031NS-SE-VD

<table>
<thead>
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<th>Z number</th>
<th>Depth of immersion</th>
<th>Weight</th>
<th>Flow @ Head</th>
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<th>Height Motor</th>
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<th>Voltage</th>
<th>Rated</th>
<th>SF</th>
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<tbody>
<tr>
<td>Z217922 (STD)</td>
<td>13.75</td>
<td>320</td>
<td>200</td>
<td>1/4”</td>
<td>16.562</td>
<td>10</td>
<td>208/230</td>
<td>23.4</td>
<td>29.3</td>
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<tr>
<td>Z217923 (+6”)</td>
<td>19.75</td>
<td>342</td>
<td>75</td>
<td>1”</td>
<td>160.67</td>
<td>7.46</td>
<td>460</td>
<td>11.7</td>
<td>14.55</td>
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<tr>
<td>Z217924 (+12”)</td>
<td>25.75</td>
<td>364</td>
<td>130</td>
<td>1 1/2”</td>
<td>185.45</td>
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<tr>
<td>Z217926 (+18”)</td>
<td>31.75</td>
<td>386</td>
<td>180</td>
<td>2”</td>
<td>175.45</td>
<td></td>
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<tr>
<td>Z217926 (+24”)</td>
<td>37.75</td>
<td>408</td>
<td>240</td>
<td>3”</td>
<td>185.45</td>
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**Speed:** 3450 RPM  
**Hertz:** 60  
**Impeller Dia:** 6.125

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**Diagram:**

- 1/4” NPT for pressure gauge
- 2 1/2” NPT intake
- 4 holes 3/8-16 tap
- 2” NPT discharge
- 1/4” NPT for pressure gauge

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Visit www.gusher.com for more details.
Model: 11032NS-SE-VD  
Speed: 3450 RPM  
Hertz: 50  
Impeller Dia: 5.375

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<th>Power</th>
<th>Voltage</th>
<th>Rated</th>
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<tr>
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<td>mm</td>
<td>lbs</td>
<td>kg</td>
<td>Gpm</td>
<td>l/min</td>
<td>inch</td>
<td>mm</td>
<td>HP</td>
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<tr>
<td>Z2:7938 (STD)</td>
<td>13.937</td>
<td>354.0</td>
<td>335</td>
<td>152.27</td>
<td>250</td>
<td>946.25</td>
<td>16.562</td>
<td>420.07</td>
<td>10</td>
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<td>Z2:7939 (+6&quot;)</td>
<td>19.937</td>
<td>506.4</td>
<td>357</td>
<td>162.27</td>
<td>Ft.</td>
<td>m</td>
<td>250</td>
<td>110</td>
<td>33.54</td>
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<td>658.8</td>
<td>379</td>
<td>172.27</td>
<td>110</td>
<td>33.54</td>
<td>250</td>
<td>110</td>
<td>33.54</td>
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<tr>
<td>Z2:7941 (+16&quot;)</td>
<td>31.937</td>
<td>811.2</td>
<td>401</td>
<td>182.27</td>
<td>250</td>
<td>946.25</td>
<td>16.562</td>
<td>420.07</td>
<td>10</td>
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<tr>
<td>Z2:7942 (+24&quot;)</td>
<td>37.937</td>
<td>963.6</td>
<td>423</td>
<td>192.27</td>
<td>250</td>
<td>946.25</td>
<td>16.562</td>
<td>420.07</td>
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www.gusher.com
### Model: 11032NS-SE-VD

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<th>Weight</th>
<th>Flow @ Head</th>
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<th>Height Motor</th>
<th>Power</th>
<th>Voltage</th>
<th>Rated</th>
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<td>mm</td>
<td>lbs</td>
<td>kg</td>
<td>Gpm</td>
<td>l/min</td>
<td>inch</td>
<td>mm</td>
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<td>Z218096 (STD)</td>
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<td>450</td>
<td>204.55</td>
<td>350</td>
<td>1324.8</td>
<td>3</td>
<td>NPT</td>
<td>13.75</td>
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<tr>
<td>Z218097 (+6)</td>
<td>19.937</td>
<td>506.4</td>
<td>472</td>
<td>214.55</td>
<td>FL</td>
<td>m</td>
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<tr>
<td>Z218098 (+12)</td>
<td>25.937</td>
<td>658.8</td>
<td>494</td>
<td>224.55</td>
<td>160</td>
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<td>Z210093 (+10)</td>
<td>31.937</td>
<td>814.2</td>
<td>516</td>
<td>234.55</td>
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<td>Z218100 (+24)</td>
<td>37.937</td>
<td>963.6</td>
<td>538</td>
<td>244.55</td>
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- **Speed**: 3450 RPM
- **Hertz**: 60
- **Impeller Dia**: 6.50
Model: 11034NS-SE-VD  
Speed: 3450 RPM  
Hertz: 60  
Impeller Dia: 7.355

<table>
<thead>
<tr>
<th>Z number</th>
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<th>Flow @ Head</th>
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<th>Voltage</th>
<th>Rated</th>
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<tr>
<td></td>
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<td>lbs</td>
<td>kg</td>
<td>Gpm</td>
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<td>inch</td>
<td>mm</td>
<td>HP</td>
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<td>Z218127 (STD)</td>
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<td>127.27</td>
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<td>Z218128 (+6&quot;)</td>
<td>19</td>
<td>482.6</td>
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<td></td>
<td>137.27</td>
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<tr>
<td>Z218129 (+12)</td>
<td>25</td>
<td>635.0</td>
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<td>Z218130 (+18)</td>
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<td>797.4</td>
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<td>157.27</td>
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<td>Z218131 (+24)</td>
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<td>167.27</td>
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www.gusher.com
### Model: 11034NS-SE-VD

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<th>Z number</th>
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<th>Flow @ Head</th>
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<th>Rated</th>
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<tr>
<td>Z218132 (STD)</td>
<td>13 in. 330.2 mm</td>
<td>440 lbs</td>
<td>200 GPM</td>
<td>NPT 1.5</td>
<td>22.25 inch</td>
<td>14.93 hp</td>
<td>208/230</td>
<td>58 Amps</td>
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<tr>
<td>Z218133 (+6)</td>
<td>19 in. 482.6 mm</td>
<td>462 lbs</td>
<td>210 GPM</td>
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<td>565.15 inch</td>
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<td>460</td>
<td>29 Amps</td>
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<td>Z218134 (+12)</td>
<td>25 in. 635.0 mm</td>
<td>484 lbs</td>
<td>220 GPM</td>
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<td>Z218135 (+18)</td>
<td>31 in. 787.4 mm</td>
<td>506 lbs</td>
<td>230 GPM</td>
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</tr>
<tr>
<td>Z218136 (+24)</td>
<td>37 in. 939.8 mm</td>
<td>528 lbs</td>
<td>240 GPM</td>
<td></td>
<td></td>
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<td></td>
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</table>

**Speed:** 3450 RPM  
**Hertz:** 60  
**Impeller Dia:** 8.000
Gusher AVD Model Features...

The Gusher AVD models 11019, 11031, 11032, and 11034 featured are designed to be reliable and versatile. Their heavy-duty one-piece shaft construction has no seals, bushings or metal-to-metal contact below the mounting plate, assuring a long, maintenance-free life. All models are above the plate discharge and are available in cast iron or stainless steel construction.

Gusher AVD Model Applications...

The AVD design may be used for a wide variety of applications, including industrial washing machines, cooling towers, parts cleaners, spray booths, industrial sump applications, paint systems, and many other applicators. For more information, visit and browse at www.Gusher.com

Ruthman Companies: A family-owned business supplying pumps for over 100 years.

Ruthman Companies was co-founded in 1912 by brothers Alois and Edward Ruthman as the “Ruthman Machinery Company.” Based in Cincinnati, the company serviced the steamboats that traveled the Ohio River.

In 1924, Alois conceived the first sealless centrifugal pump, coining the term “coolant pump.” The brothers named this new pump “Gusher,” giving birth to what is now Ruthman Companies’ flagship brand, Gusher Pumps. Alois’ son Thomas R. Ruthman joined the family business in 1949, growing the business globally through organic growth and the acquisition of complementary pump technologies. In the early 1990s, Alois’ grandson, Thomas G. Ruthman, became the third generation of Ruthmans in the pump business. Over the years, Ruthman Companies has expanded its product line from the original centrifugal coolant pumps to include valves, positive displacement pumps, tube cutters, slurry pumps, and other specialized equipment, while upholding its reputation as a leader in the custom engineering of pumps for the most challenging applications.

Gusher Pumps Locations

Williamstown Headquarters
115 Industrial Road
Williamstown, KY 41077
Phone: 859.824.5001
Fax: 859.824.3011
Email: Info@Gusher.com

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Fax: 859.824.3011
Email: Info@Gusher.com

Dry Ridge Training Facility
3565 Dixie Highway
Dry Ridge, KY 41035
Phone: 859.824.5001
Email: Info@Gusher.com

California Sales & Service
8226 Salt Lake Avenue
Cudahy, CA 90201
Phone: 323.773.0847
Fax: 323.773.0998
Email: FConrad@Gusher.com

Newcastle Sales & Service
403 North Ninth Street
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Phone: 765.529.5824
Fax: 765.521.0008
Email: GusherNC@Gusher.com

Ruthman Companies Manufacturing Divisions

FullFlo Hydraulic Valves
www.FullFlo.com
Blanchester, Ohio

Process Systems, Inc.
Headquarters
www.PSI4Pumps.com
Warren, Michigan

Process Systems, Inc.
Midwest Service
www.PSI4Pumps.com
Mellett, Indiana

Nagle Pumps
www.NaglePumps.com
Chicago Heights, Illinois

RAE Pumps
www.RAEpumps.com
Cincinnati, Ohio

Ruthman Pumps & Service
www.RuthmanPumps.com
Cincinnati, Ohio

Ruthman Companies Global Headquarters

Ruthmann Pumpen, LLC
www.RuthmannPumpen.de
Baesweiler, Germany

Gusher Pumps, Shanghai
www.Gusher.com
Shanghai, China

Ruthman Companies Headquarters

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West Chester, OH 45069
Phone: 513.359.1801
Fax: 513.569.0035
www.RuthmanCompanies.com