2.5x2.5x7B
Marlow Series e-580
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS
FLOW HEAD
HP RPM
VOLTS INPUT
CYCLE PHASE
ENCLOSURE
APPROX. WEIGHT
SPECIALS

MATERIALS OF CONSTRUCTION
☑ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) with 125# ANSI flange drilling
☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING
☐ In-Line Piping ☐ Flange Supports

TYPE OF SEAL
☐ F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)

![Graph showing performance characteristics](image-url)
2.5x2.5x7B
Marlow Series e-580
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW

HEAD

HP

RPM

VOLTS

CYCLE

ENCLOSURE

APPROX. WEIGHT

SPECIALS

MAXIMUM WORKING PRESSURE

- 175 psi (12 bar) with 125# ANSI flange drilling
- 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MATERIALS OF CONSTRUCTION

- Stainless Steel Fitted

TYPE OF SEAL

- F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)

MOUNTING

- In-Line Piping
- Flange Supports

Graph showing the performance characteristics of the Marlow Series e-580 pumps.
2.5x2.5x7B Marlow Series e-580
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW ___________ HEAD ___________
HP ___________ RPM ___________
VOLTS ___________ INPUT ___________
CYCLE ___________ PHASE ___________
ENCLOSURE ___________
APPROX. WEIGHT ___________
SPECIALS ___________

MATERIALS OF CONSTRUCTION
- Stainless Steel Fitted

MAXIMUM WORKING PRESSURE
- 175 psi (12 bar) with 125# ANSI flange drilling
- 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

TYPE OF SEAL
- F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)

MOUNTING
- In-Line Piping
- Flange Supports

Date: 7/31/2015

Series e-580
2.5x2.5x7B
3550 RPM
### 2.5x2.5x7B Marlow Series e-580 Centrifugal Pump Submittal - In-Line Piping

**Dimensions - Inches (mm)**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E (max)</th>
<th>F</th>
<th>G</th>
<th>H (max)</th>
<th>125# ANSI</th>
<th>250# ANSI</th>
<th>R</th>
<th>S (Max)*</th>
<th>V (min)</th>
<th>Suct/Disch Gauge Taps (NPT)</th>
<th>Drain Tap (NPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>11.63</td>
<td>4.88</td>
<td>5.40</td>
<td>21.90</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>145JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>12.63</td>
<td>4.88</td>
<td>5.40</td>
<td>22.90</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>182JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>15.31</td>
<td>4.88</td>
<td>5.40</td>
<td>25.59</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>184JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>15.31</td>
<td>4.88</td>
<td>5.40</td>
<td>25.59</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>213JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>19.25</td>
<td>4.88</td>
<td>5.40</td>
<td>29.53</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>215JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>19.25</td>
<td>4.88</td>
<td>5.40</td>
<td>29.53</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>254JM</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>24.13</td>
<td>5.88</td>
<td>5.40</td>
<td>35.40</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>17.00</td>
</tr>
</tbody>
</table>

### STUFFING BOX

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E (max)</th>
<th>F</th>
<th>G</th>
<th>H (max)</th>
<th>125# ANSI</th>
<th>250# ANSI</th>
<th>R</th>
<th>S (Max)*</th>
<th>V (min)</th>
<th>Suct/Disch Gauge Taps (NPT)</th>
<th>Drain Tap (NPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>11.63</td>
<td>8.00</td>
<td>5.40</td>
<td>25.03</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>145JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>12.63</td>
<td>8.00</td>
<td>5.40</td>
<td>26.03</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>182JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>15.31</td>
<td>8.00</td>
<td>5.40</td>
<td>28.71</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>184JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>15.31</td>
<td>8.00</td>
<td>5.40</td>
<td>28.71</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>213JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>19.25</td>
<td>8.00</td>
<td>5.40</td>
<td>33.40</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>215JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>19.25</td>
<td>8.00</td>
<td>5.40</td>
<td>33.40</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>254JP</td>
<td>9.00</td>
<td>18.00</td>
<td>4.70</td>
<td>5.46</td>
<td>24.13</td>
<td>8.75</td>
<td>5.40</td>
<td>38.28</td>
<td>5.00</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>17.00</td>
</tr>
</tbody>
</table>

Dimensions are subject to change. Not to be used for construction purposes unless certified.

**NOTE:** For Single phase Motors add 1” to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.*

---

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.gouldswatertechnology.com

Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license. © 2016 Xylem Inc.
### 2.5x2.5x7B Marlow Series e-580
Centrifugal Pump Submittal - Flange Support Mounting

**Dimensions - Inches (mm)**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>HF BOLTING</th>
<th>HB</th>
<th>2HE BOLTING</th>
<th>HA</th>
<th>HH DIA</th>
<th>E (max)</th>
<th>F</th>
<th>G</th>
<th>H (max)</th>
<th>125# ANSI</th>
<th>250# ANSI</th>
<th>R</th>
<th>S (Max)*</th>
<th>V (min)</th>
<th>Suct/Disch Gauge Taps (NPT)</th>
<th>Drain Tap (NPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>11.63</td>
<td>4.88</td>
<td>7.00</td>
<td>23.50</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>145JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>12.63</td>
<td>4.88</td>
<td>7.00</td>
<td>24.50</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>182JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>15.31</td>
<td>4.88</td>
<td>7.00</td>
<td>27.19</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>184JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>15.31</td>
<td>4.88</td>
<td>7.00</td>
<td>27.19</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>213JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>19.25</td>
<td>4.88</td>
<td>7.00</td>
<td>31.13</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>215JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>19.25</td>
<td>4.88</td>
<td>7.00</td>
<td>31.13</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>254JM</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>24.13</td>
<td>5.88</td>
<td>7.00</td>
<td>37.00</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>17.00</td>
</tr>
</tbody>
</table>

**STUFFING BOX**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>HF BOLTING</th>
<th>HB</th>
<th>2HE BOLTING</th>
<th>HA</th>
<th>HH DIA</th>
<th>E (max)</th>
<th>F</th>
<th>G</th>
<th>H (max)</th>
<th>125# ANSI</th>
<th>250# ANSI</th>
<th>R</th>
<th>S (Max)*</th>
<th>V (min)</th>
<th>Suct/Disch Gauge Taps (NPT)</th>
<th>Drain Tap (NPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>11.63</td>
<td>8.00</td>
<td>7.00</td>
<td>26.63</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>145JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>12.63</td>
<td>8.00</td>
<td>7.00</td>
<td>27.63</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>9.75</td>
</tr>
<tr>
<td>182JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>15.31</td>
<td>8.00</td>
<td>7.00</td>
<td>30.31</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>184JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>15.31</td>
<td>8.00</td>
<td>7.00</td>
<td>30.31</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>11.75</td>
</tr>
<tr>
<td>213JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>19.25</td>
<td>8.75</td>
<td>7.00</td>
<td>35.00</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>215JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>19.25</td>
<td>8.75</td>
<td>7.00</td>
<td>35.00</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>14.00</td>
</tr>
<tr>
<td>254JP</td>
<td>9.00</td>
<td>20.20</td>
<td>23.70</td>
<td>21.50</td>
<td>25.00</td>
<td>0.88</td>
<td>24.13</td>
<td>8.75</td>
<td>7.00</td>
<td>39.88</td>
<td>5.50</td>
<td>4</td>
<td>0.75</td>
<td>5.88</td>
<td>8</td>
<td>0.88</td>
<td>17.00</td>
</tr>
</tbody>
</table>

Dimensions are subject to change. Not to be used for construction purposes unless certified.

**NOTE:** For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

---

**DIMENSIONS** - Inches (mm)

- **Frame:** 213JM, 182JM
- **Motor Sizes:** A, B, C, D
- **Bolting:** J, M, N, P
- **Drain Tap:** NPT

---

**NOTICE:**

- Dimensions are subject to change. Not to be used for construction purposes unless certified.
- For Single phase Motors add 1" to dimensions E & H.
- For ODP Motors, add S dimension to dimensions E & H.

---

**xylem Inc.**

8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.gouldswatertechnology.com

Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license. © 2016 Xylem Inc.