

# Submittal Data Sheet Booklet

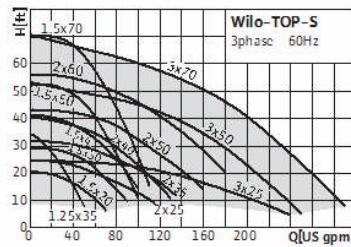
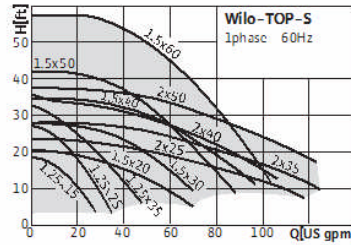
## Circulating Pumps

Product Review



### Wilo-TOP-S range

### Duty chart



#### > Single-head pumps:

- Circulating pumps with flanged connection

#### > Applications:

- Pumps with cast iron body for all hot-water heating systems of all kinds, air-conditioning systems and closed cooling circuits.
- Pumps with bronze body for all warm and hot water, heating applications in open circulating systems.

#### > Special features:

- Cathaphoresis coating for preventing corrosion in the event of condensation.
- Maintenance free single-head circulator.
- 2 speed motor
- Aluminium terminal box



# WILO TOP S Submittal

Top S 1.25 x 15 Single Phase Series

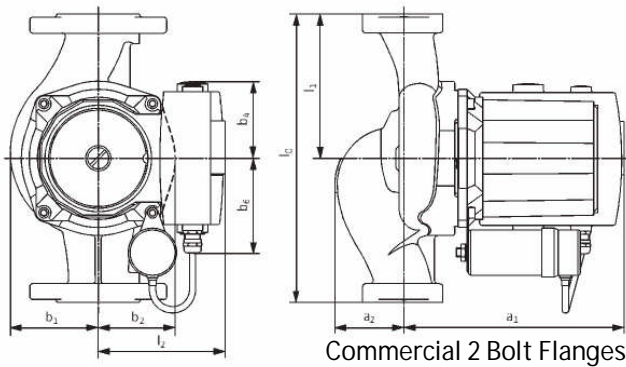


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #         | Flow | Head | Volt | Phase | Comments |
|-------|-----------------|------|------|------|-------|----------|
|       | TOP S 1.25 X 15 |      |      |      | 1     |          |
|       | TOP S 1.25 X 15 |      |      |      | 1     |          |

| Details  | Max Hp  | Pipe Size | l <sub>0</sub> | l <sub>1</sub> | l <sub>2</sub> | a <sub>1</sub> | a <sub>2</sub> | b <sub>1</sub> | b <sub>2</sub> | b <sub>4</sub> | b <sub>6</sub> | Weight   |
|----------|---------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|
| Imperial | 1/8 Hp  | 1 1/4"    | 6 1/2          | 3 1/4          | 4 3/16         | 7 11/16        | 1 1/4          | 2 9/16         | 2 3/16         | 2 3/4          | 3 5/16         | 13.7 lbs |
| Metric   | 80 Watt | 32 mm     | 165            | 82.5           | 106            | 195            | 32             | 65.5           | 56             | 70             | 83.5           | 6.2 kg   |



| Speed | RPM  | Max Watts | Amps<br>115 V | Amps<br>230 V |
|-------|------|-----------|---------------|---------------|
| Max   | 3200 | 145       | 1.40          | 0.70          |
| Min   | 2950 | 140       | 1.30          | 0.60          |

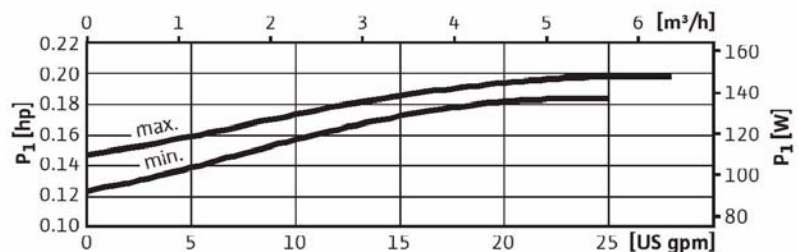
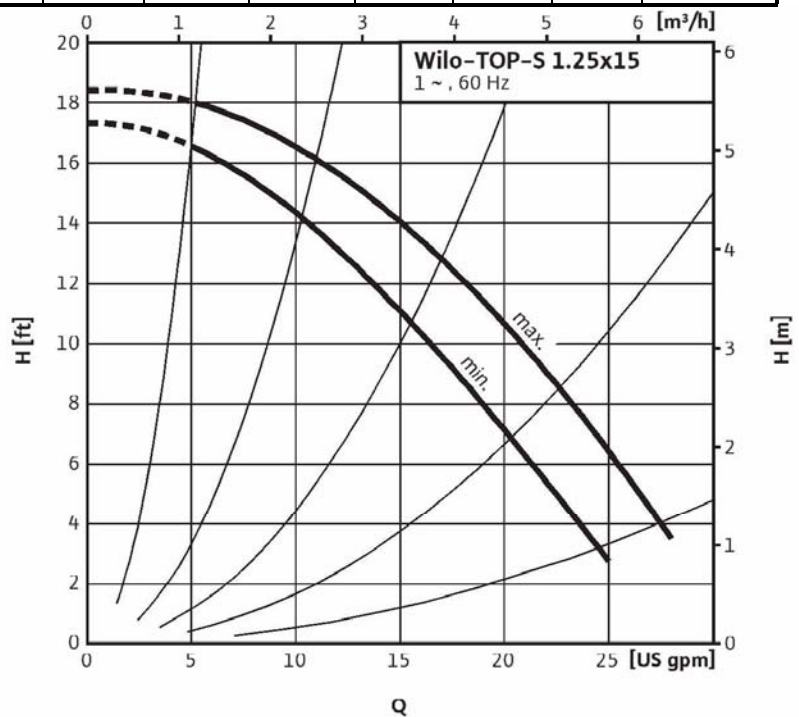
|                   |                  |                       |
|-------------------|------------------|-----------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet<br>Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                       |

#### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

#### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 1.25 x 25 Single Phase Series

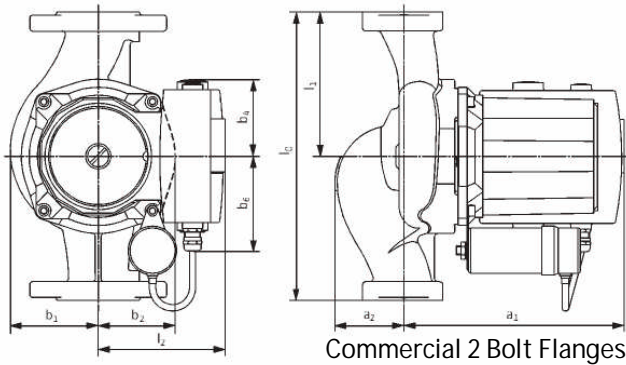


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #         | Flow | Head | Volt | Phase | Comments |
|-------|-----------------|------|------|------|-------|----------|
|       | TOP S 1.25 X 25 |      |      |      | 1     |          |
|       | TOP S 1.25 X 25 |      |      |      | 1     |          |

| Details  | Max Hp  | Pipe Size | l0    | l1    | l2     | a1      | a2    | b1     | b2     | b4    | b6     | Weight   |
|----------|---------|-----------|-------|-------|--------|---------|-------|--------|--------|-------|--------|----------|
| Imperial | 1/8 Hp  | 1 1/4"    | 6 1/2 | 3 1/4 | 4 3/16 | 7 11/16 | 1 1/4 | 2 9/16 | 2 3/16 | 2 3/4 | 3 5/16 | 14.1 lbs |
| Metric   | 90 Watt | 32 mm     | 165   | 82.5  | 106    | 195     | 32    | 65.5   | 56     | 70    | 83.5   | 6.2 kg   |



| Speed | RPM  | Max Watts | Amps<br>115 V | Amps<br>230 V |
|-------|------|-----------|---------------|---------------|
| Max   | 3100 | 215       | 2.0           | 1.0           |
| Min   | 2750 | 195       | 1.9           | 0.9           |

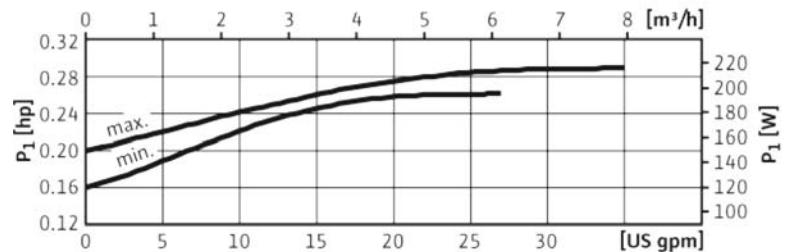
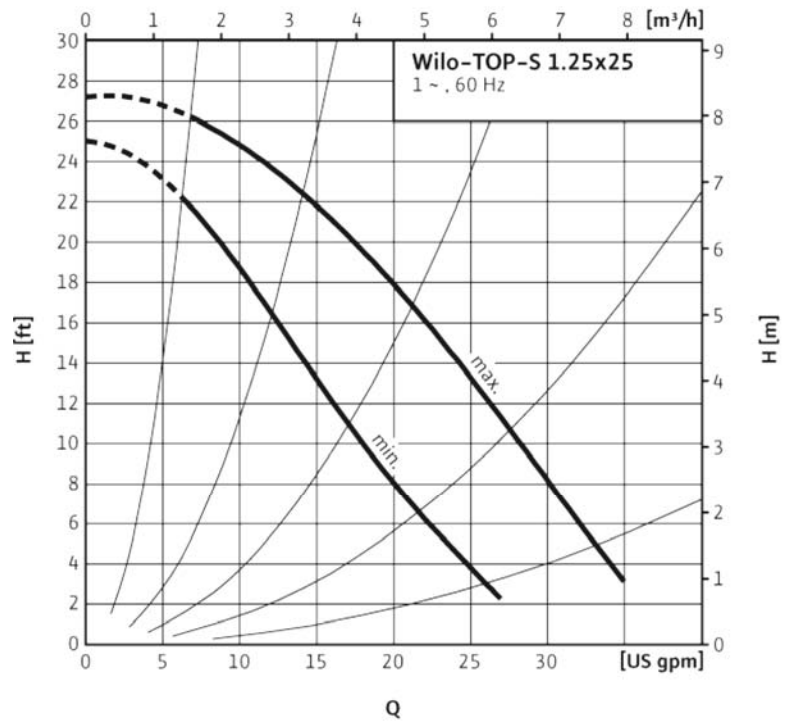
|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 1.25 x 35 Single Phase Series

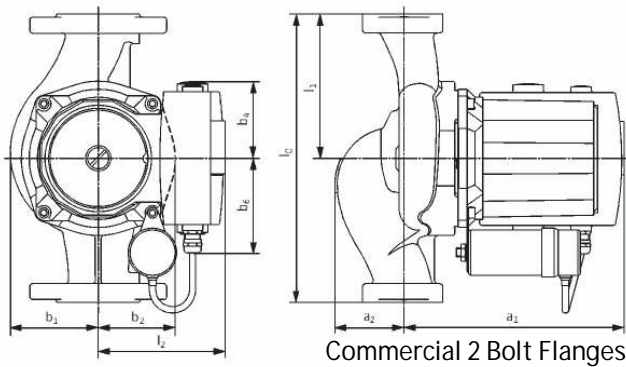


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #         | Flow | Head | Volt | Phase | Comments |
|-------|-----------------|------|------|------|-------|----------|
|       | TOP S 1.25 X 35 |      |      |      | 1     |          |
|       | TOP S 1.25 X 35 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0    | l1    | l2     | a1      | a2      | b1      | b2    | b4    | b6     | Weight   |
|----------|----------|-----------|-------|-------|--------|---------|---------|---------|-------|-------|--------|----------|
| Imperial | 1/4 Hp   | 1 1/4"    | 8 1/2 | 4 1/4 | 4 7/16 | 7 11/16 | 1 11/16 | 2 11/16 | 2 3/8 | 2 3/4 | 3 5/16 | 18.5 lbs |
| Metric   | 180 Watt | 32 mm     | 216   | 108   | 113    | 195     | 42.5    | 69      | 60    | 70    | 83.5   | 8.4 kg   |



| Speed | RPM  | Max Watts | Amps<br>115 V | Amps<br>230 V |
|-------|------|-----------|---------------|---------------|
| Max   | 3250 | 315       | 3.1           | 1.6           |
| Min   | 3050 | 305       | 2.9           | 1.5           |

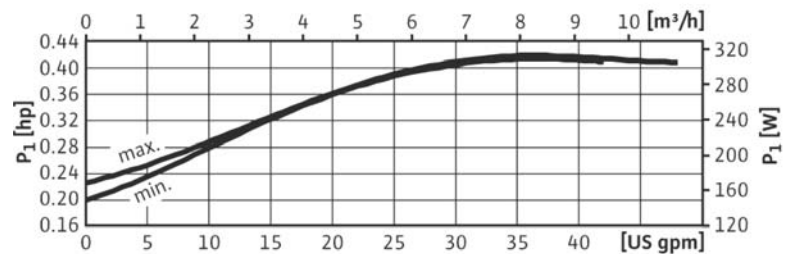
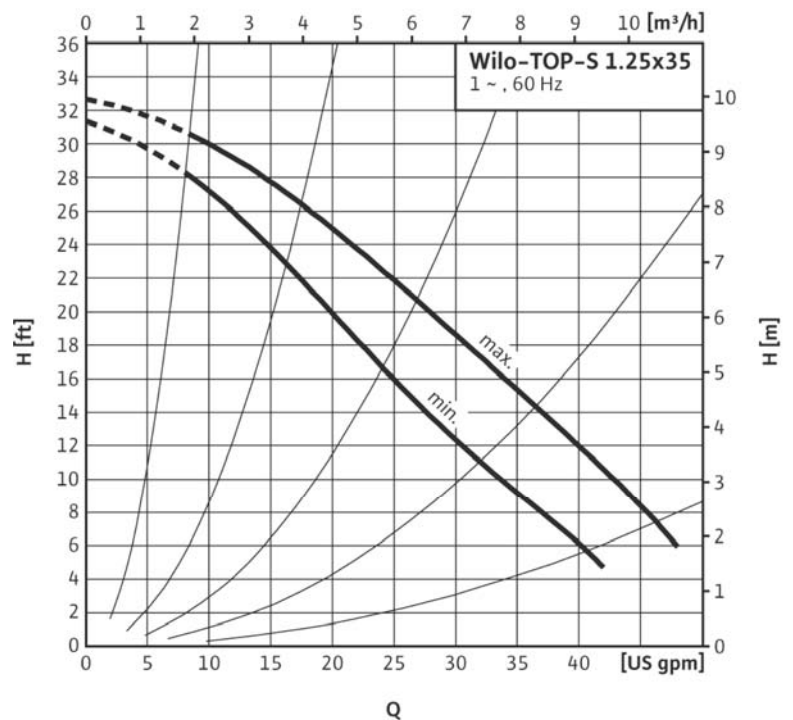
|                   |                  |                       |
|-------------------|------------------|-----------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet<br>Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                       |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 1.5 x 20 Single Phase Series

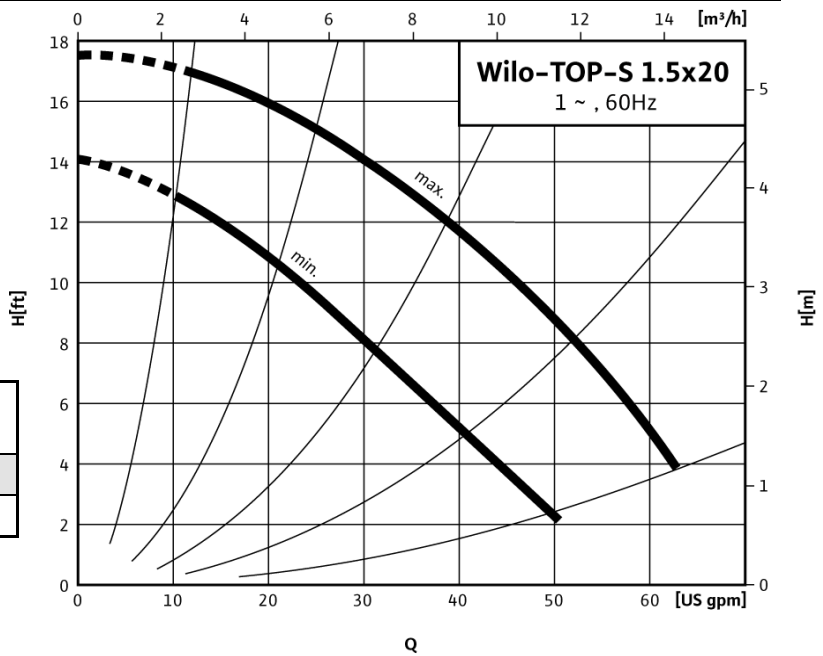
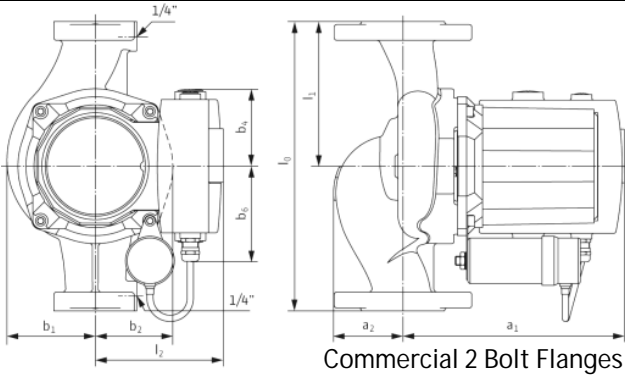


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 20 |      |      |      | 1     |          |
|       | TOP S 1.5 X 20 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1     | l2     | a1      | a2    | b1     | b2      | b4      | b6     | Weight   |
|----------|----------|-----------|-----|--------|--------|---------|-------|--------|---------|---------|--------|----------|
| Imperial | 1/4 Hp   | 1 1/2"    | 10  | 5 3/16 | 4 7/16 | 7 11/16 | 2 3/8 | 3 1/16 | 2 11/16 | 2 11/16 | 3 5/16 | 22.3 lbs |
| Metric   | 180 Watt | 40 mm     | 254 | 127    | 113    | 195     | 61    | 78     | 68      | 67.5    | 83.5   | 10.1 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3430 | 245       | 2.30       | 1.15       |
| Min   | 3100 | 215       | 2.20       | 1.10       |

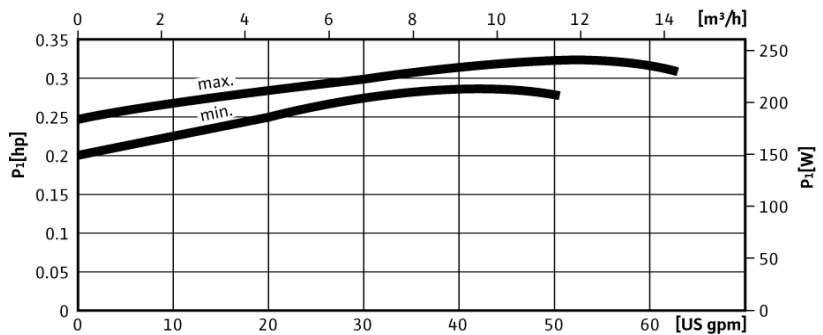
|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)



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# WILO TOP S Submittal

Top S 1.5 x 30 Single Phase Series

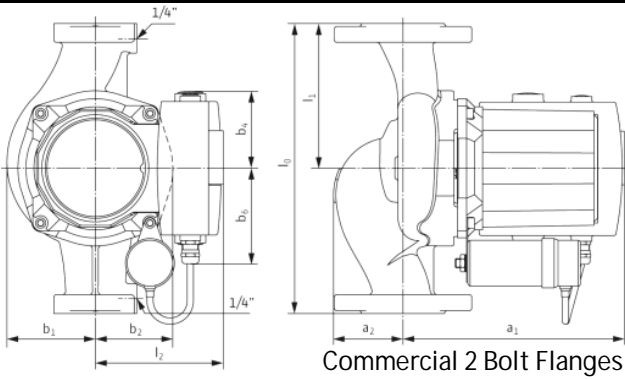


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 30 |      |      |      | 1     |          |
|       | TOP S 1.5 X 30 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1     | l2    | a1    | a2     | b1     | b2    | b4      | b6     | Weight   |
|----------|----------|-----------|-----|--------|-------|-------|--------|--------|-------|---------|--------|----------|
| Imperial | 5/8 Hp   | 1 1/2"    | 10  | 5 3/16 | 4 3/4 | 9 1/4 | 2 5/16 | 3 9/16 | 3 1/8 | 2 11/16 | 3 5/16 | 31.5 lbs |
| Metric   | 450 Watt | 40 mm     | 254 | 127    | 120   | 235   | 58     | 90     | 79    | 67.5    | 83.5   | 14.3 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3520 | 570       | 5.25       | 2.63       |
| Min   | 3400 | 515       | 5.2        | 2.60       |

|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

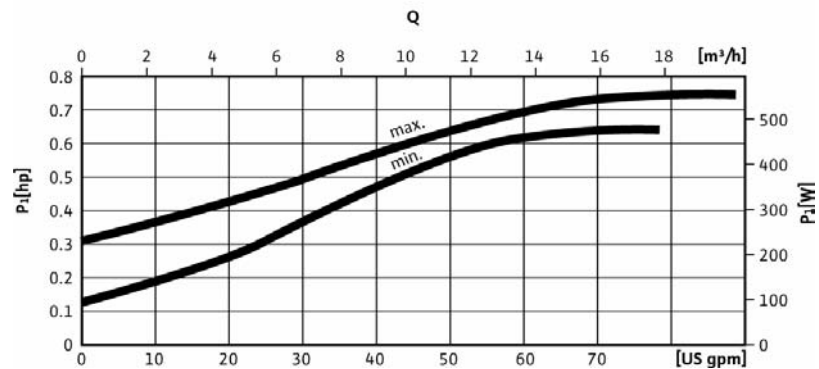
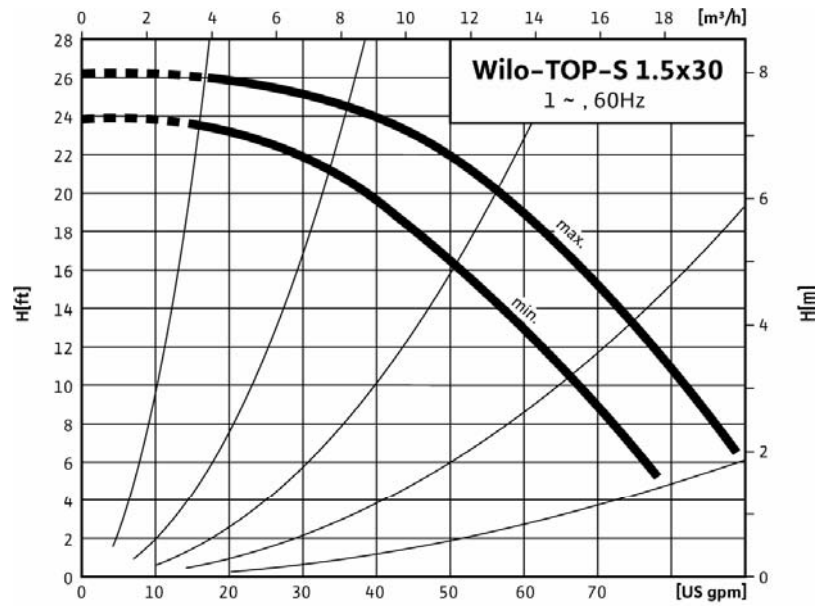
Impeller Polypropylene (50% Glass Filled)  
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 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

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# WILO TOP S Submittal

Top S 1.5 x 40 Single Phase Series

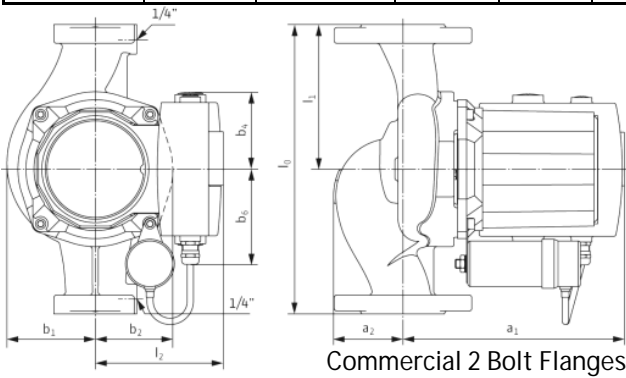


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 40 |      |      |      | 1     |          |
|       | TOP S 1.5 X 40 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1    | a2     | b1     | b2    | b4    | b6     | Weight   |
|----------|----------|-----------|-----|-----|-------|-------|--------|--------|-------|-------|--------|----------|
| Imperial | 5/8 Hp   | 1 1/2"    | 10  | 5   | 4 3/4 | 9 1/4 | 2 5/16 | 3 9/16 | 3 1/8 | 2 3/4 | 3 5/16 | 31.5 lbs |
| Metric   | 450 Watt | 40 mm     | 254 | 127 | 120   | 235   | 58     | 90     | 79    | 70    | 83.5   | 14.3 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3350 | 755       | 7.5        | 3.8        |
| Min   | 3200 | 745       | 7.2        | 3.6        |

|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F ( - 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

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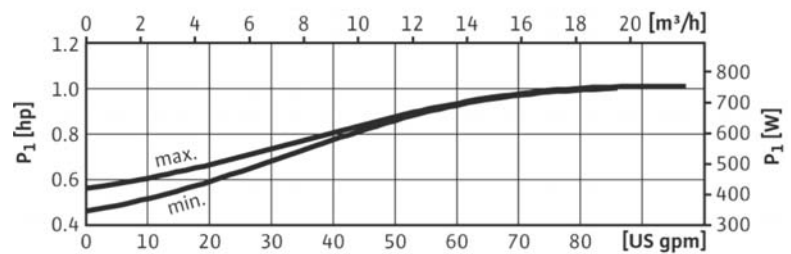
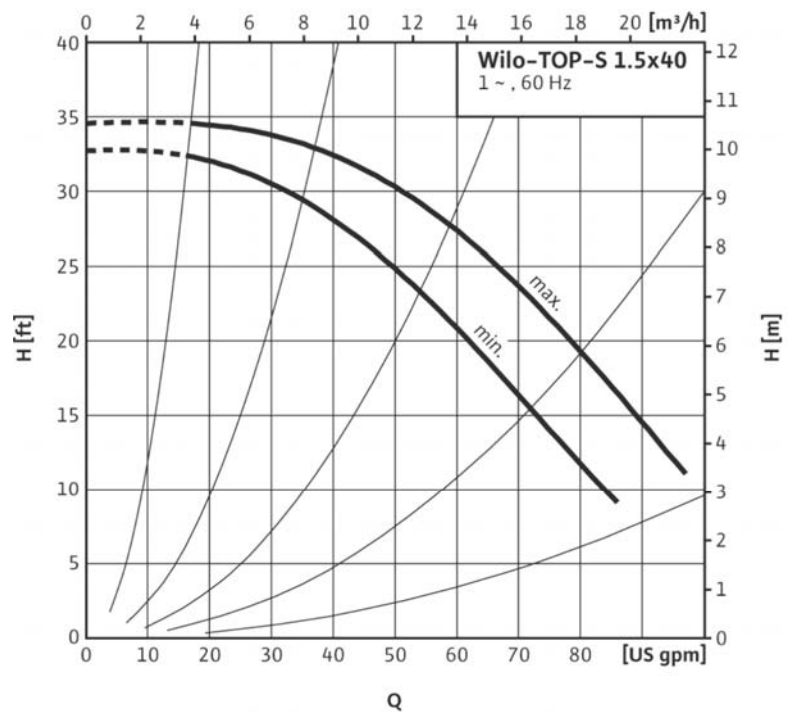
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# WILO TOP S Submittal

Top S 1.5 x 50 Single Phase Series

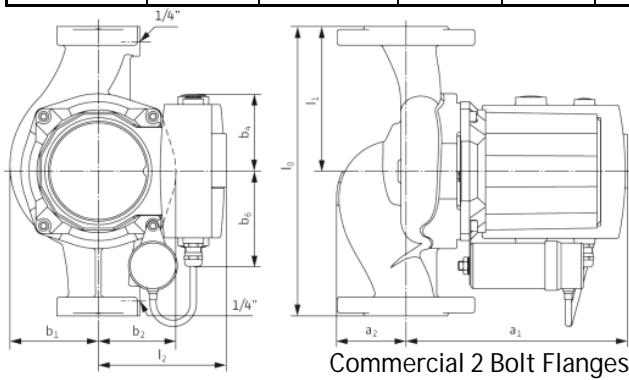


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 50 |      |      |      | 1     |          |
|       | TOP S 1.5 X 50 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1     | a2    | b1    | b2    | b4    | b6     | Weight   |
|----------|----------|-----------|-----|-----|-------|--------|-------|-------|-------|-------|--------|----------|
| Imperial | 3/4 Hp   | 1 1/2"    | 10  | 5   | 5 1/8 | 10 7/8 | 2 1/8 | 3 7/8 | 3 3/8 | 2 3/4 | 3 5/16 | 44.1 lbs |
| Metric   | 570 Watt | 40 mm     | 254 | 127 | 130   | 277    | 54    | 99    | 86    | 70    | 83.5   | 20.0 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3150 | 820       | 7.8        | 3.9        |
| Min   | 2800 | 700       | 7.4        | 3.7        |

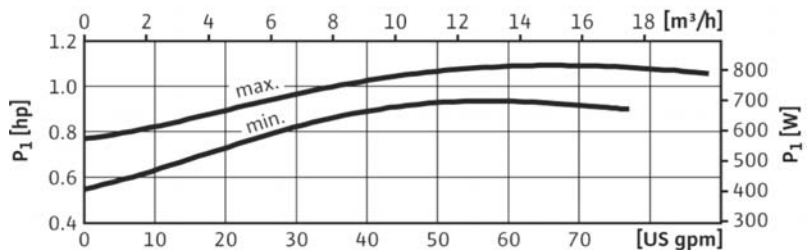
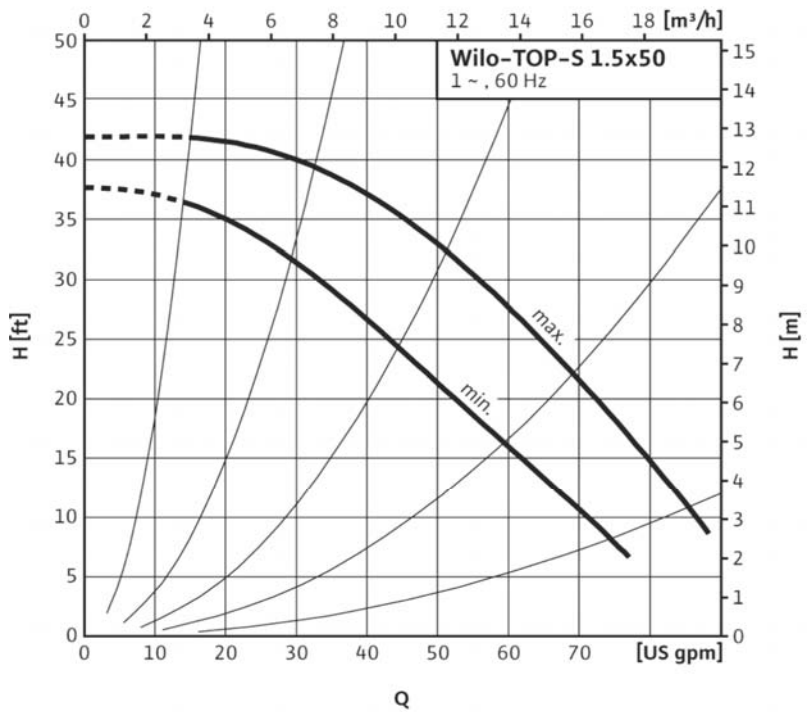
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
|-------------------|------------------|--------------------|
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

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 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

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# WILO TOP S Submittal

Top S 1.5 x 60 Single Phase Series

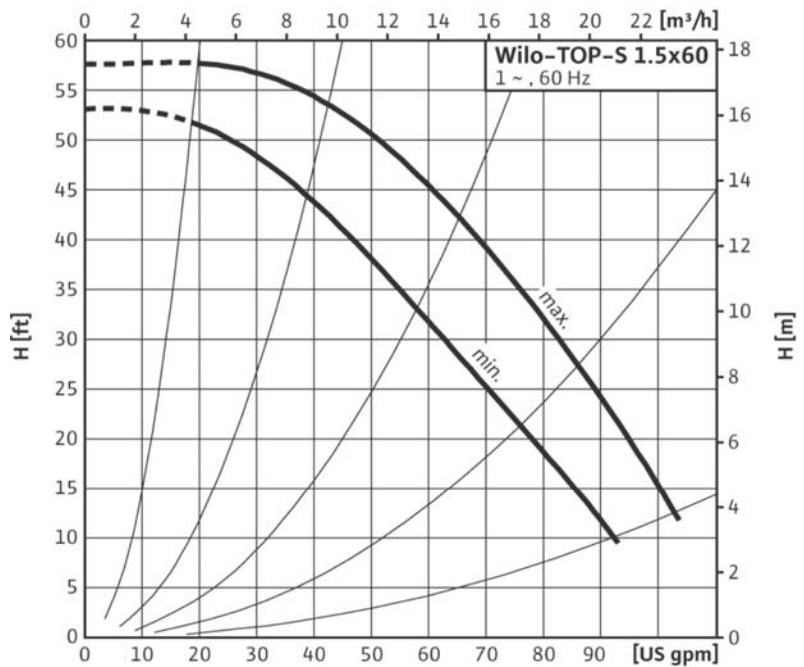
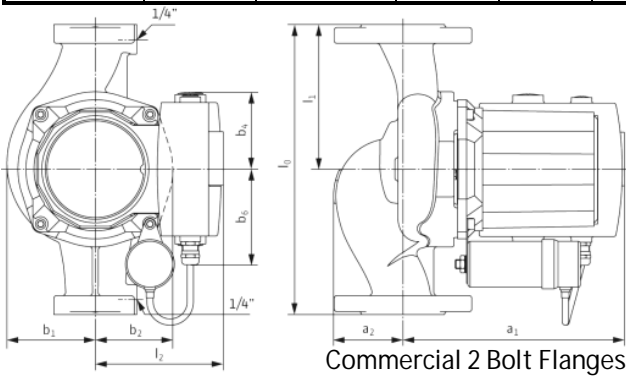


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 60 |      |      |      | 1     |          |
|       | TOP S 1.5 X 60 |      |      |      | 1     |          |

| Details  | Max Hp    | Pipe Size | l0  | l1  | l2    | a1     | a2    | b1    | b2    | b4    | b6     | Weight   |
|----------|-----------|-----------|-----|-----|-------|--------|-------|-------|-------|-------|--------|----------|
| Imperial | 1 1/2 Hp  | 1 1/2"    | 10  | 5   | 5 1/8 | 10 7/8 | 2 1/8 | 3 7/8 | 3 3/8 | 2 3/4 | 3 5/16 | 48.9 lbs |
| Metric   | 1100 Watt | 40 mm     | 254 | 127 | 130   | 277    | 54    | 99    | 86    | 70    | 83.5   | 22.2 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3300 | 1255      | N/A        | 6.0        |
| Min   | 2950 | 1110      | N/A        | 5.7        |

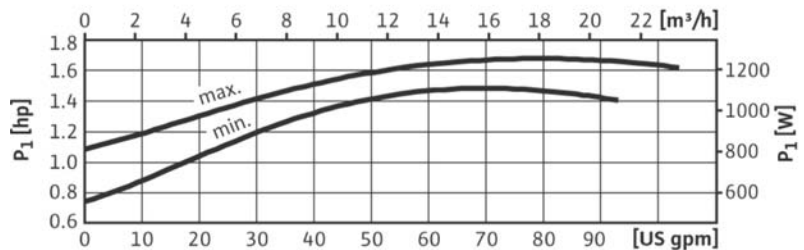
|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F ( - 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 2.0 x 25 Single Phase Series

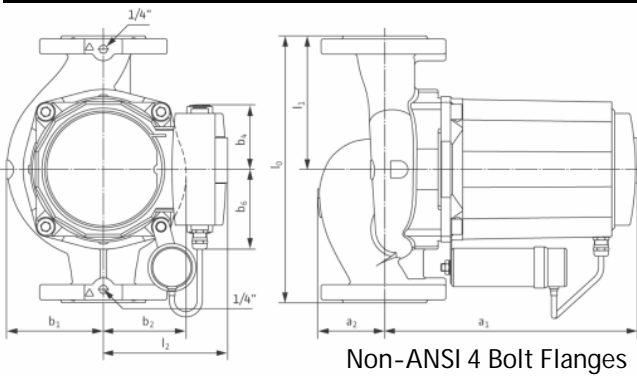


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 25 |      |      |      | 1     |          |
|       | TOP S 2.0 X 25 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1     | b2 | b4      | b6     | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|--------|----|---------|--------|----------|
| Imperial | 5/8 Hp   | 2"        | 11  | 5 1/2 | 4 3/4 | 9 9/16 | 2 1/2 | 3 9/16 | 3  | 2 11/16 | 3 5/16 | 36.8 lbs |
| Metric   | 450 Watt | 50 mm     | 279 | 139.5 | 120   | 243    | 64    | 91     | 76 | 67.5    | 83.5   | 16.7 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3470 | 565       | 5.20       | 2.60       |
| Min   | 3240 | 510       | 5.15       | 2.58       |

|                  |                    |                    |
|------------------|--------------------|--------------------|
| 140 deg F (60 C) | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI (43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

Wilo USA LLC

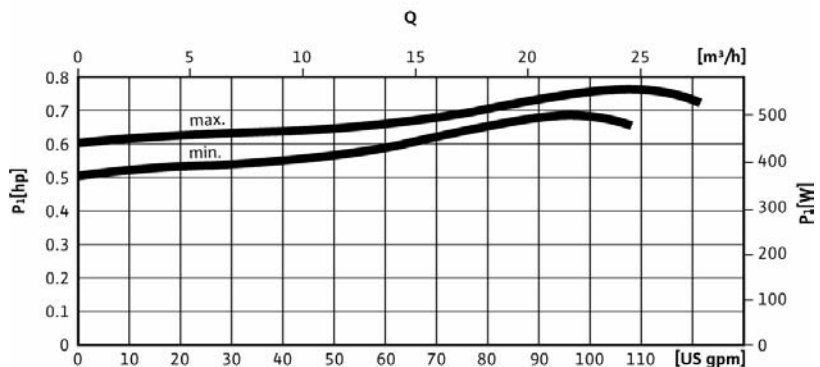
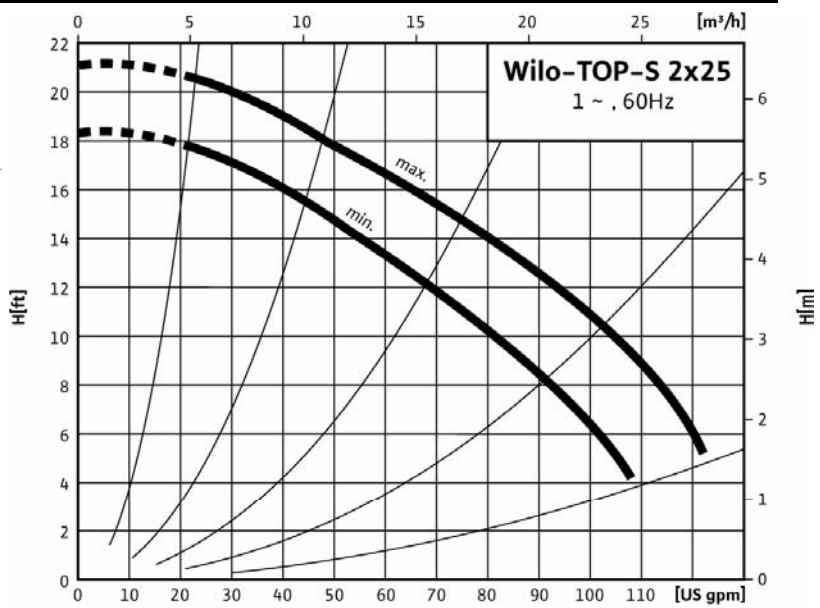
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# WILO TOP S Submittal

Top S 2.0 x 35 Single Phase Series

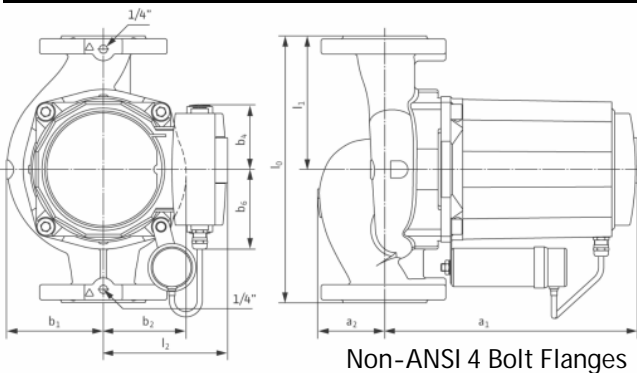


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 35 |      |      |      | 1     |          |
|       | TOP S 2.0 X 35 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1     | b2 | b4    | b6     | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|--------|----|-------|--------|----------|
| Imperial | 5/8 Hp   | 2"        | 11  | 5 1/2 | 4 3/4 | 9 9/16 | 2 1/2 | 3 9/16 | 3  | 2 3/4 | 3 5/16 | 36.2 lbs |
| Metric   | 450 Watt | 50 mm     | 279 | 139.5 | 120   | 243    | 64    | 91     | 76 | 70    | 83.5   | 16.4 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3350 | 755       | 7.5        | 3.8        |
| Min   | 3150 | 740       | 7.2        | 3.6        |

| 140 deg F (60 C) | 194 deg F (90 C)   | Min Inlet Pressure |
|------------------|--------------------|--------------------|
| 6.3 PSI (43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (-10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

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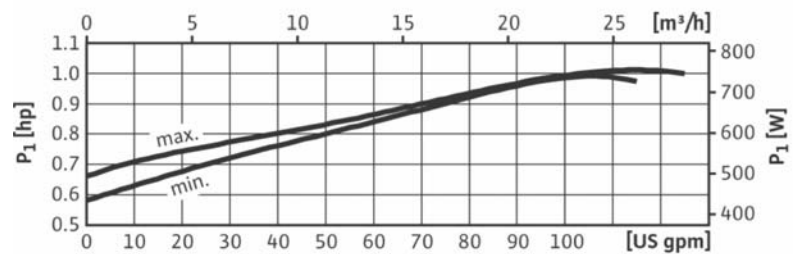
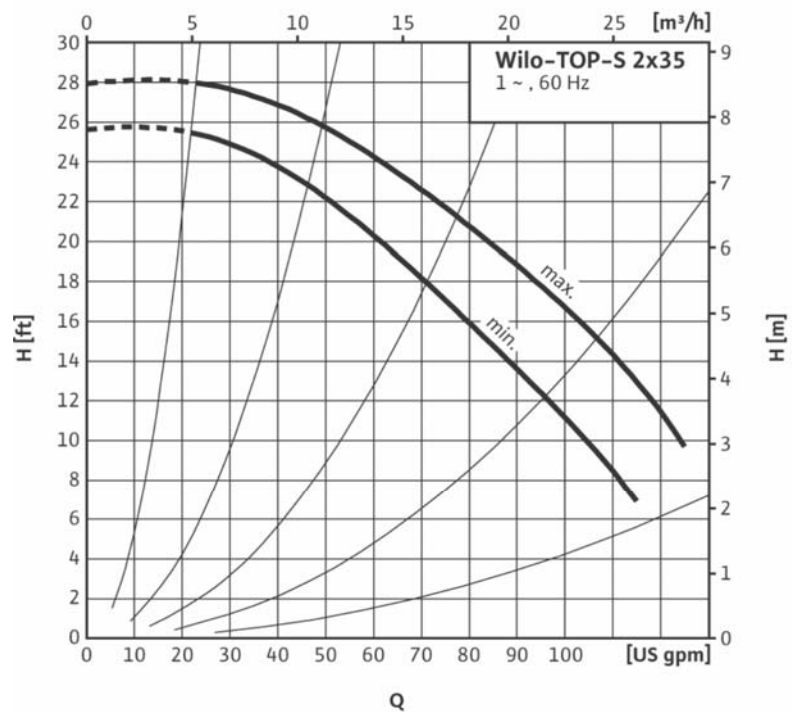
Bay 7 - 2915 - 10th Ave N. E.

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Fax: 403 277 9456

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# WILO TOP S Submittal

Top S 2.0 x 40 Single Phase Series

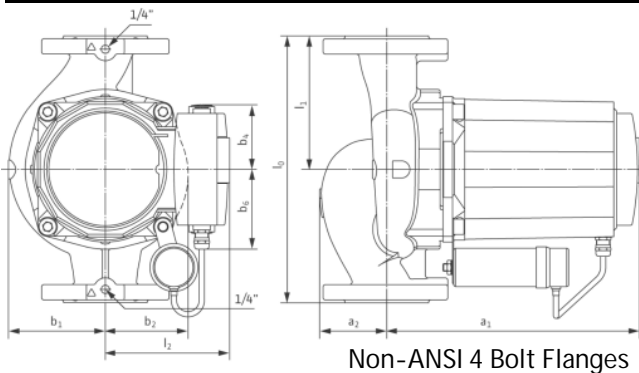


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 40 |      |      |      | 1     |          |
|       | TOP S 2.0 X 40 |      |      |      | 1     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1  | b2    | b4    | b6     | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|-----|-------|-------|--------|----------|
| Imperial | 3/4 Hp   | 2"        | 11  | 5 1/2 | 5 1/8 | 10 3/8 | 2 3/4 | 4   | 3 3/8 | 2 3/4 | 3 5/16 | 46.7 lbs |
| Metric   | 570 Watt | 50 mm     | 279 | 139.5 | 130   | 263    | 70    | 101 | 86    | 70    | 83.5   | 21.2 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3200 | 860       | 8.0        | 4.0        |
| Min   | 2800 | 750       | 7.6        | 3.8        |

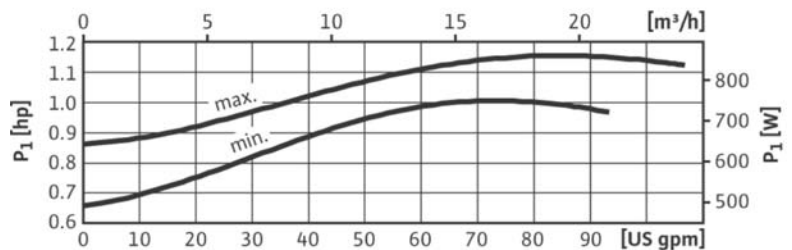
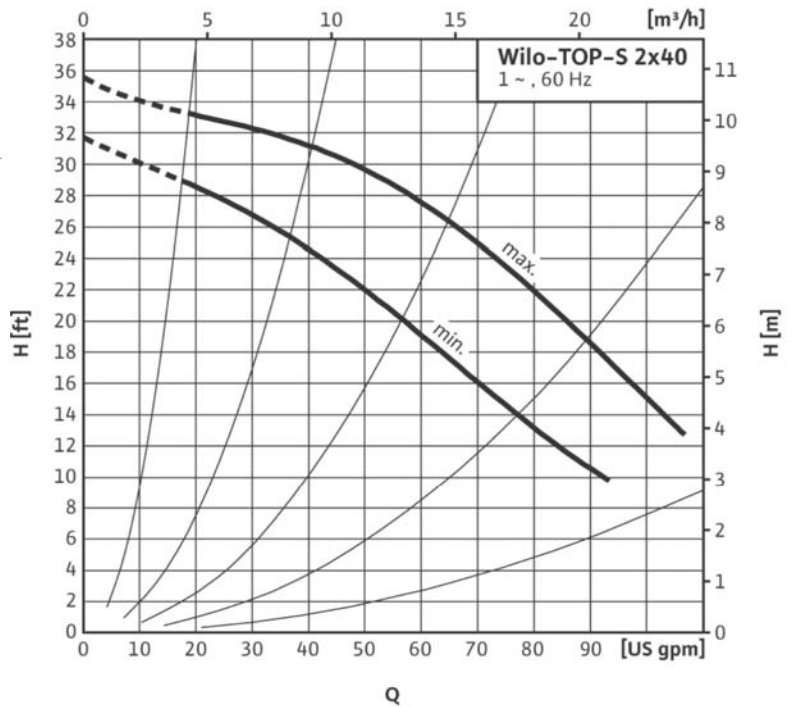
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
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 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 2.0 x 50 Single Phase Series

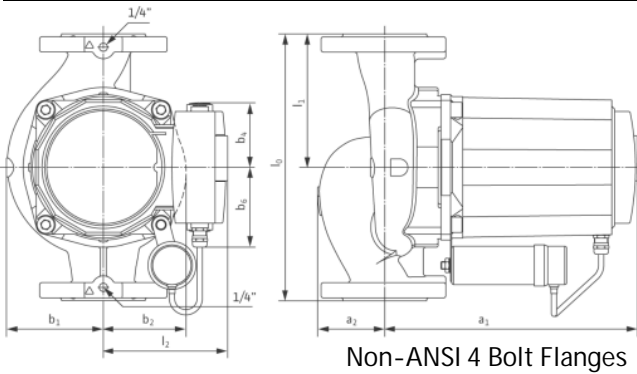


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 50 |      |      |      | 1     |          |
|       | TOP S 2.0 X 50 |      |      |      | 1     |          |

| Details  | Max Hp    | Pipe Size | l0     | l1    | l2    | a1      | a2     | b1    | b2     | b4    | b6     | Weight   |
|----------|-----------|-----------|--------|-------|-------|---------|--------|-------|--------|-------|--------|----------|
| Imperial | 1 1/2 Hp  | 2"        | 13 1/2 | 6 3/4 | 5 1/8 | 11 7/16 | 3 7/16 | 4 1/8 | 3 9/16 | 2 3/4 | 3 5/16 | 55.1 lbs |
| Metric   | 1100 Watt | 50 mm     | 343    | 171.5 | 130   | 290     | 88     | 105   | 90     | 70    | 83.5   | 25.0 kg  |



| Speed | RPM  | Max Watts | Amps 115 V | Amps 230 V |
|-------|------|-----------|------------|------------|
| Max   | 3300 | 1265      | N/A        | 6.0        |
| Min   | 2950 | 1110      | N/A        | 5.7        |

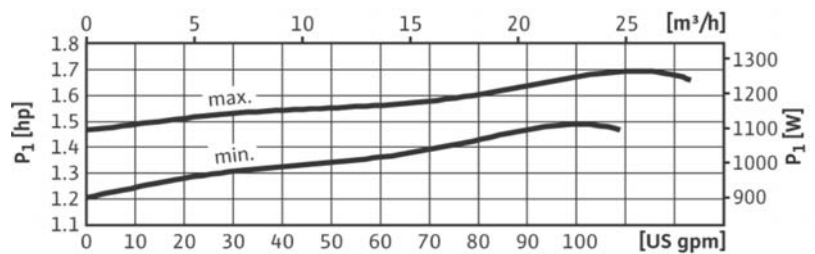
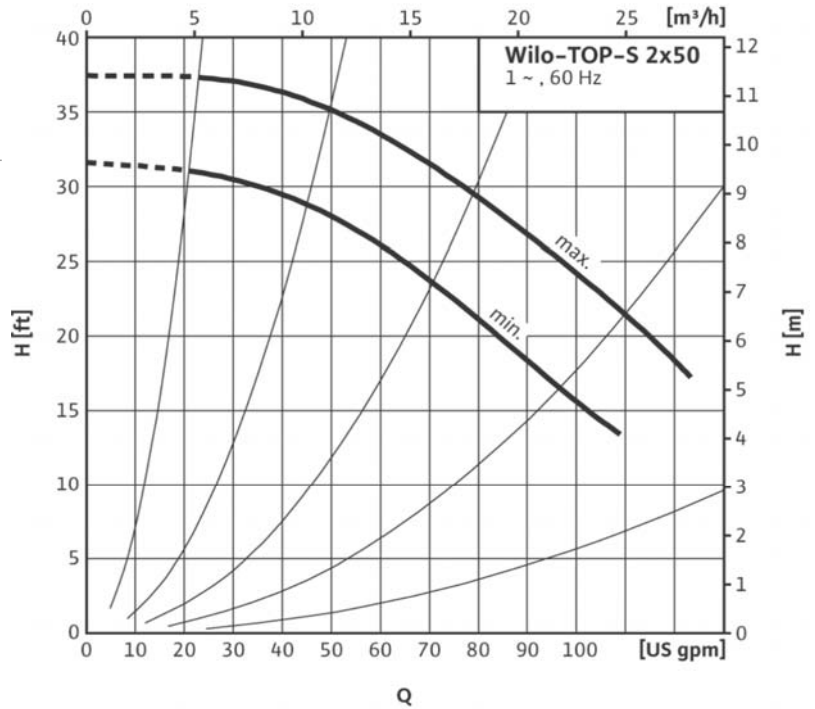
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 1.25 x 35 Three Phase Series

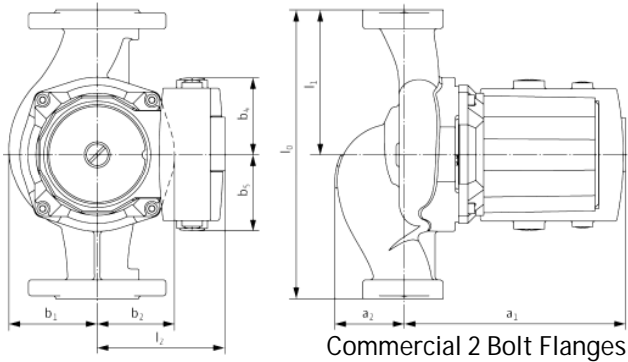


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #         | Flow | Head | Volt | Phase | Comments |
|-------|-----------------|------|------|------|-------|----------|
|       | TOP S 1.25 X 35 |      |      |      | 3     |          |
|       | TOP S 1.25 X 35 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0    | l1    | l2     | a1    | a2      | b1      | b2    | b4    | b5    | Weight   |
|----------|----------|-----------|-------|-------|--------|-------|---------|---------|-------|-------|-------|----------|
| Imperial | 1/4 Hp   | 1 1/4"    | 8 1/2 | 4 1/4 | 4 7/16 | 7 5/8 | 1 11/16 | 2 11/16 | 2 3/8 | 2 3/4 | 2 3/4 | 18.5 lbs |
| Metric   | 180 Watt | 32 mm     | 216   | 108   | 113    | 193   | 42.5    | 69      | 60    | 70    | 70    | 8.4 kg   |



| Speed | RPM  | Max Watts | Amps 208/3 V | Amps 230/3 V |
|-------|------|-----------|--------------|--------------|
| Max   | 3310 | 355       | 1.3          | 1.3          |
| Min   | 2840 | 245       | 0.8          | 0.8          |

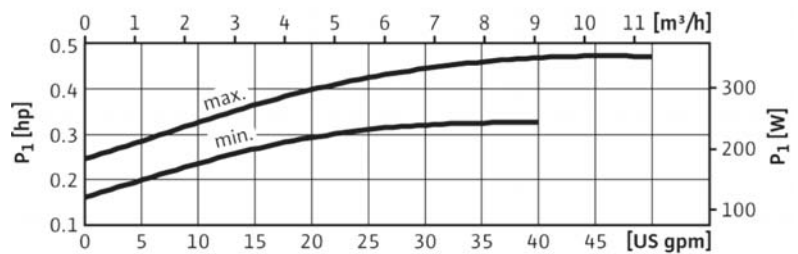
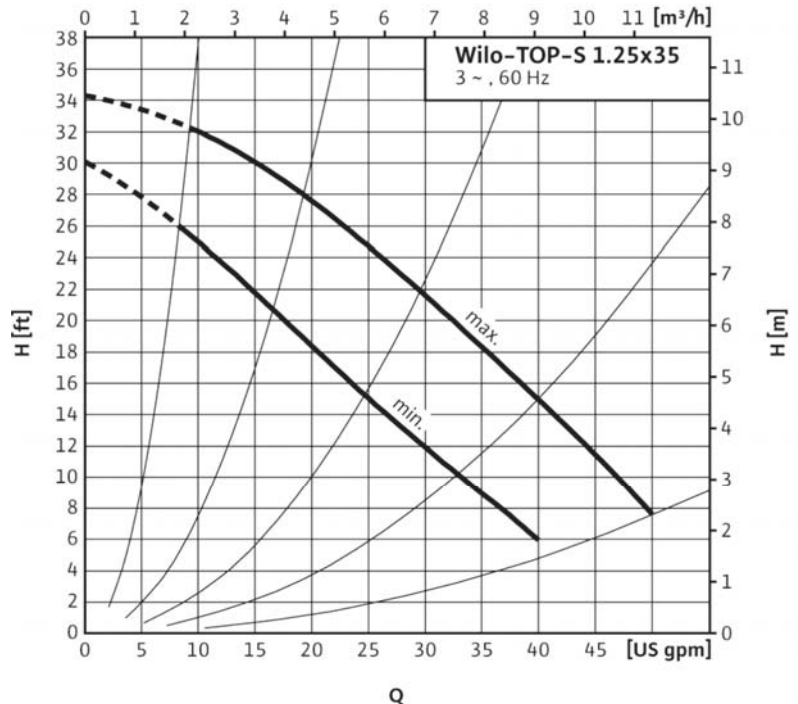
|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 1.5 x 20 Three Phase Series

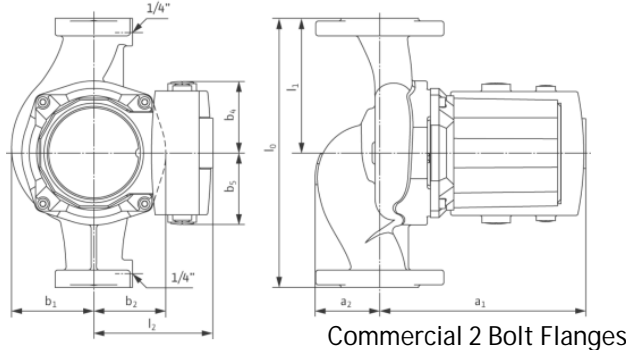


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 20 |      |      |      | 3     |          |
|       | TOP S 1.5 X 20 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1     | l2     | a1      | a2    | b1     | b2      | b4    | b5    | Weight   |
|----------|----------|-----------|-----|--------|--------|---------|-------|--------|---------|-------|-------|----------|
| Imperial | 1/4 Hp   | 1 1/2"    | 10  | 5 3/16 | 4 7/16 | 7 11/16 | 2 3/8 | 3 1/16 | 2 11/16 | 2 3/4 | 2 3/4 | 22.0 lbs |
| Metric   | 180 Watt | 40 mm     | 254 | 127    | 113    | 195     | 61    | 78     | 68      | 70    | 70    | 10.0 kg  |

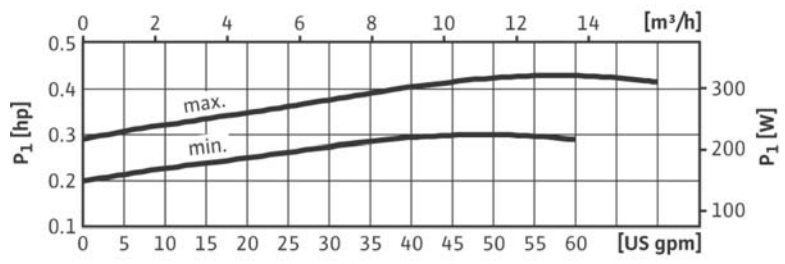
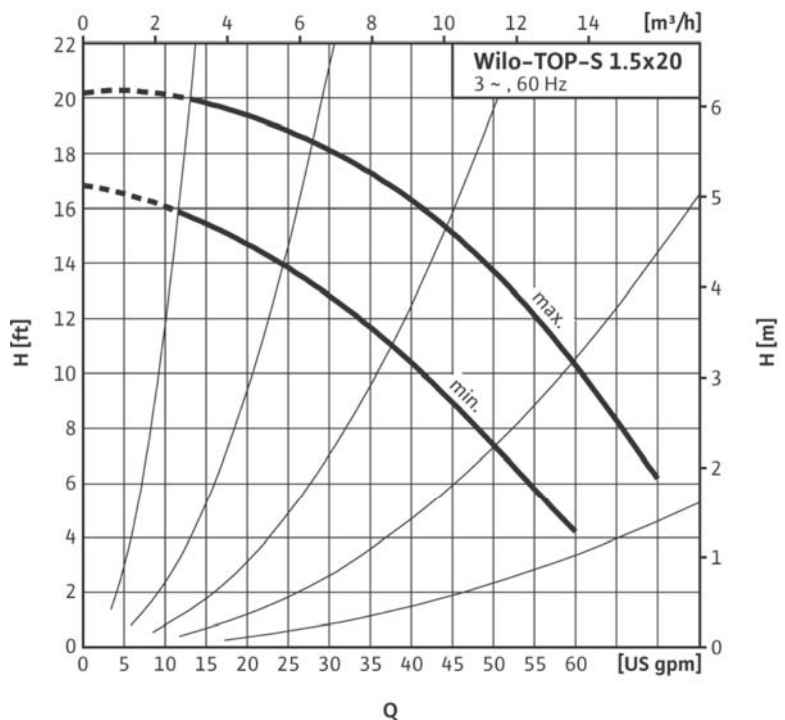


| Speed | RPM  | Max Watts | Amps 208/3 V | Amps 230/3 V |
|-------|------|-----------|--------------|--------------|
| Max   | 3340 | 325       | 1.3          | 1.3          |
| Min   | 2840 | 225       | 0.7          | 0.7          |

|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

**Operating Limits**  
 Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**  
 Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)



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# WILO TOP S Submittal

Top S 1.5 x 30 Three Phase Series

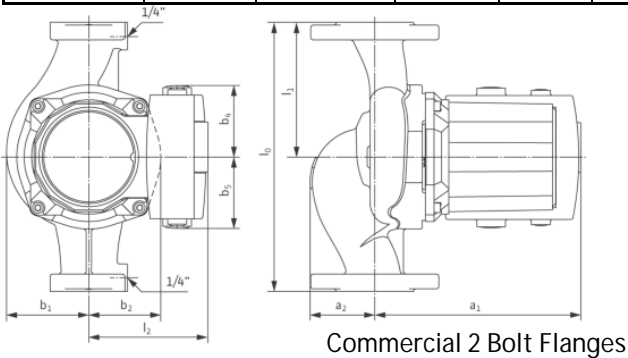


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 30 |      |      |      | 3     |          |
|       | TOP S 1.5 X 30 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1    | a2     | b1     | b2    | b4    | b5    | Weight   |
|----------|----------|-----------|-----|-----|-------|-------|--------|--------|-------|-------|-------|----------|
| Imperial | 1/2 Hp   | 1 1/2"    | 10  | 5   | 4 3/4 | 9 1/4 | 2 5/16 | 3 9/16 | 3 1/8 | 2 3/4 | 2 3/4 | 29.5 lbs |
| Metric   | 350 Watt | 40 mm     | 254 | 127 | 120   | 235   | 58     | 90     | 79    | 70    | 70    | 13.4 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3390 | 595       | 2.1            | 1.0   | 0.8   |
| Min   | 2990 | 445       | 1.4            | 0.7   | 0.5   |

|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

Wilo USA LLC

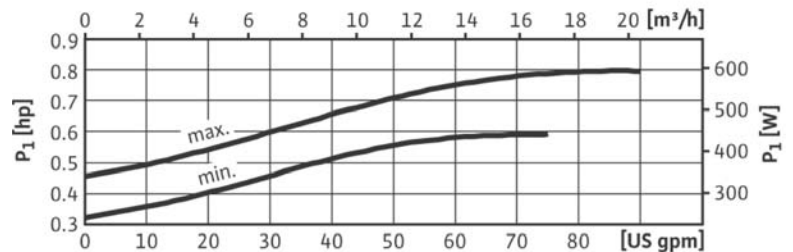
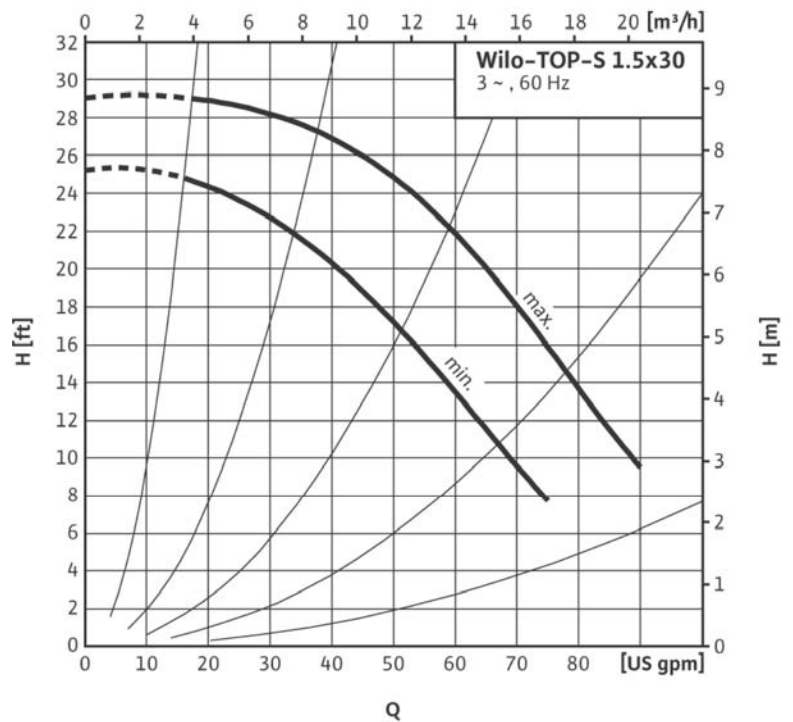
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Phone: 866 945 6872

Fax: 708 338 0455

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# WILO TOP S Submittal

Top S 1.5 x 40 Three Phase Series

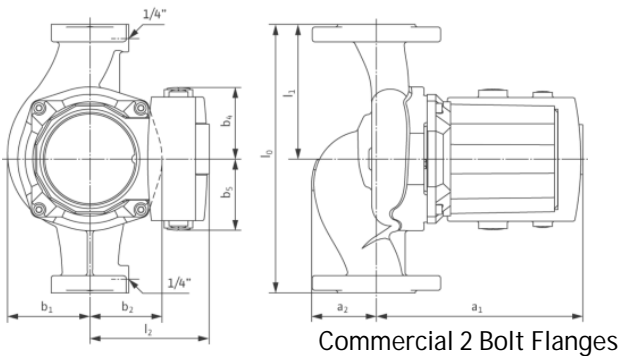


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 40 |      |      |      | 3     |          |
|       | TOP S 1.5 X 40 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1    | a2     | b1     | b2    | b4    | b5    | Weight   |
|----------|----------|-----------|-----|-----|-------|-------|--------|--------|-------|-------|-------|----------|
| Imperial | 5/8 Hp   | 1 1/2"    | 10  | 5   | 4 3/4 | 9 1/4 | 2 5/16 | 3 9/16 | 3 1/8 | 2 3/4 | 2 3/4 | 30.9 lbs |
| Metric   | 450 Watt | 40 mm     | 254 | 127 | 120   | 235   | 58     | 90     | 79    | 70    | 70    | 14.0 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3330 | 870       | 3.0            | 1.5   | 1.2   |
| Min   | 2890 | 615       | 1.9            | 0.9   | 0.7   |

| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
|-------------------|------------------|--------------------|
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

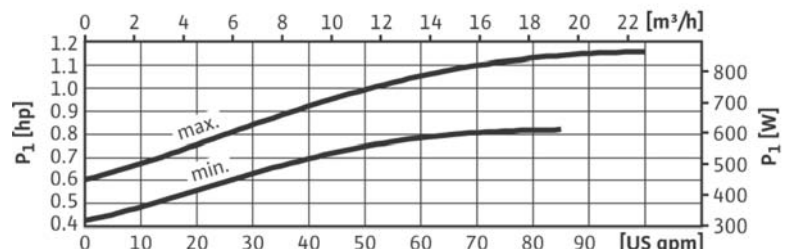
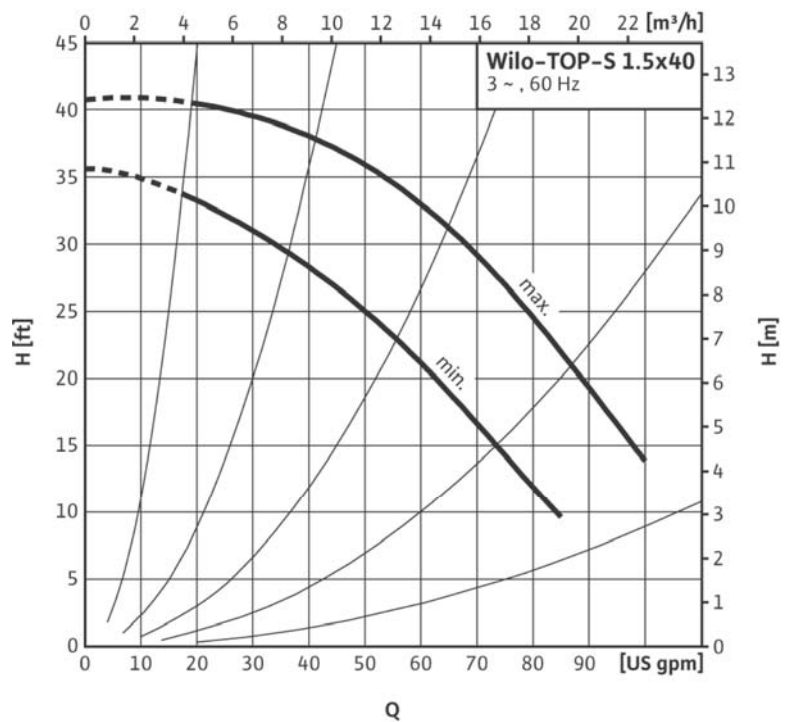
Wilco USA LLC

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Phone: 866 945 6872 Fax: 708 338 0455

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Wilco Canada Inc

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# WILO TOP S Submittal

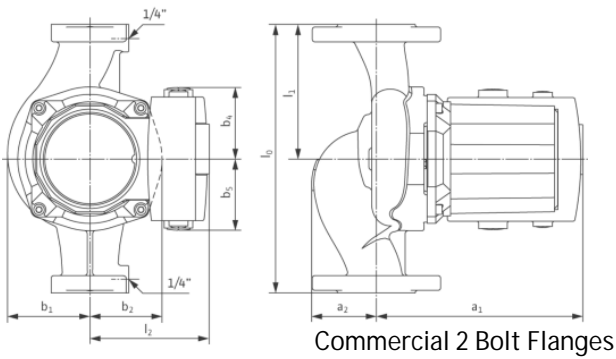
## Top S 1.5 x 50 Three Phase Series



|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 50 |      |      |      | 3     |          |
|       | TOP S 1.5 X 50 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1     | a2    | b1    | b2    | b4    | b6    | Weight   |
|----------|----------|-----------|-----|-----|-------|--------|-------|-------|-------|-------|-------|----------|
| Imperial | 3/4 Hp   | 1 1/2"    | 10  | 5   | 5 1/8 | 10 7/8 | 2 1/8 | 3 7/8 | 3 3/8 | 2 3/4 | 2 3/4 | 43.4 lbs |
| Metric   | 570 Watt | 40 mm     | 254 | 127 | 130   | 277    | 54    | 99    | 86    | 70    | 70    | 19.7 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3380 | 1040      | 3.6            | 1.8   | 1.4   |
| Min   | 2970 | 775       | 2.4            | 1.2   | 0.9   |

|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

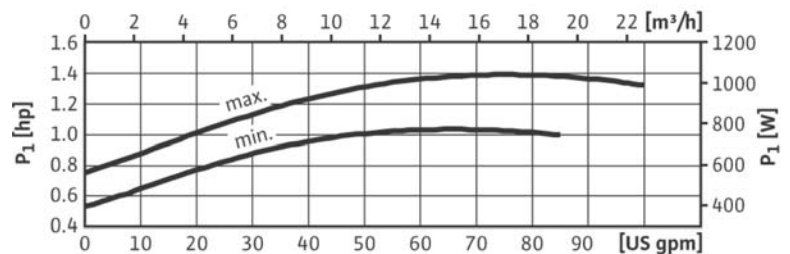
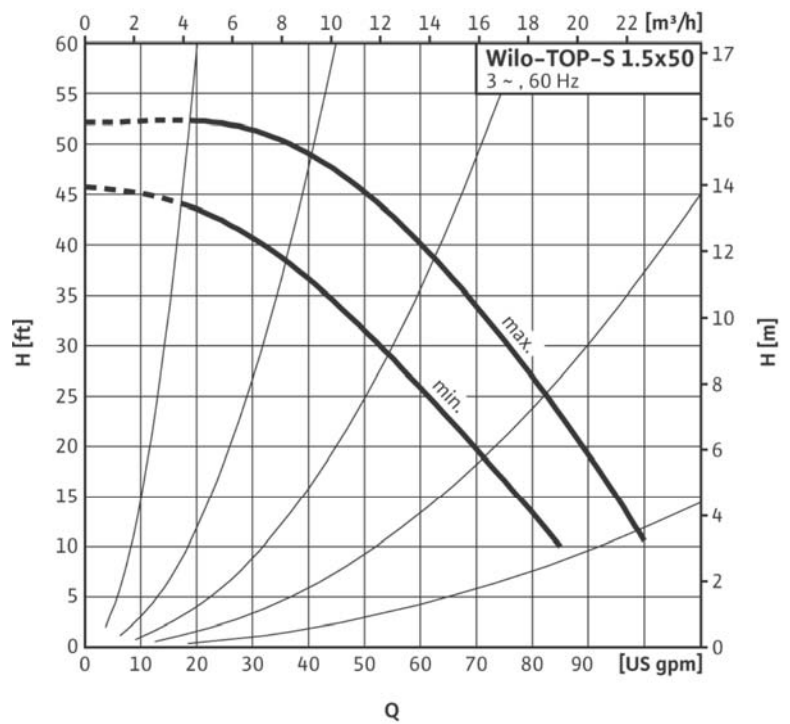
Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
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 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

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# WILO TOP S Submittal

Top S 1.5 x 70 Three Phase Series

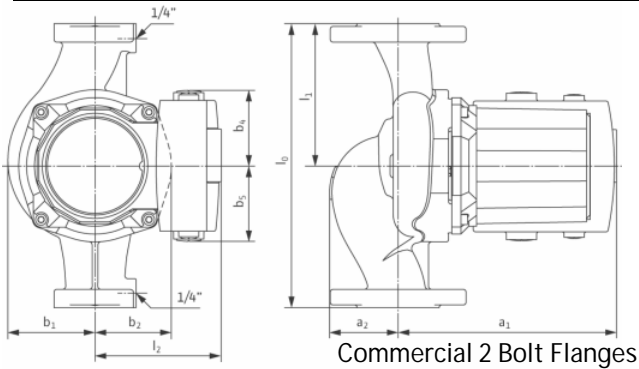


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 1.5 X 70 |      |      |      | 3     |          |
|       | TOP S 1.5 X 70 |      |      |      | 3     |          |

| Details  | Max Hp    | Pipe Size | l0  | l1  | l2    | a1     | a2    | b1    | b2    | b4    | b6    | Weight   |
|----------|-----------|-----------|-----|-----|-------|--------|-------|-------|-------|-------|-------|----------|
| Imperial | 1 1/2 Hp  | 1 1/2"    | 10  | 5   | 5 1/8 | 10 7/8 | 2 1/8 | 3 7/8 | 3 3/8 | 2 3/4 | 2 3/4 | 48.1 lbs |
| Metric   | 1100 Watt | 40 mm     | 254 | 127 | 130   | 277    | 54    | 86    | 86    | 70    | 70    | 21.8 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3410 | 1505      | 5.3            | 2.6   | 2.1   |
| Min   | 3050 | 1125      | 3.5            | 1.7   | 1.4   |

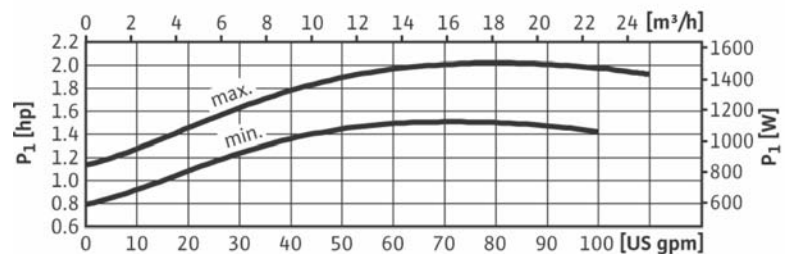
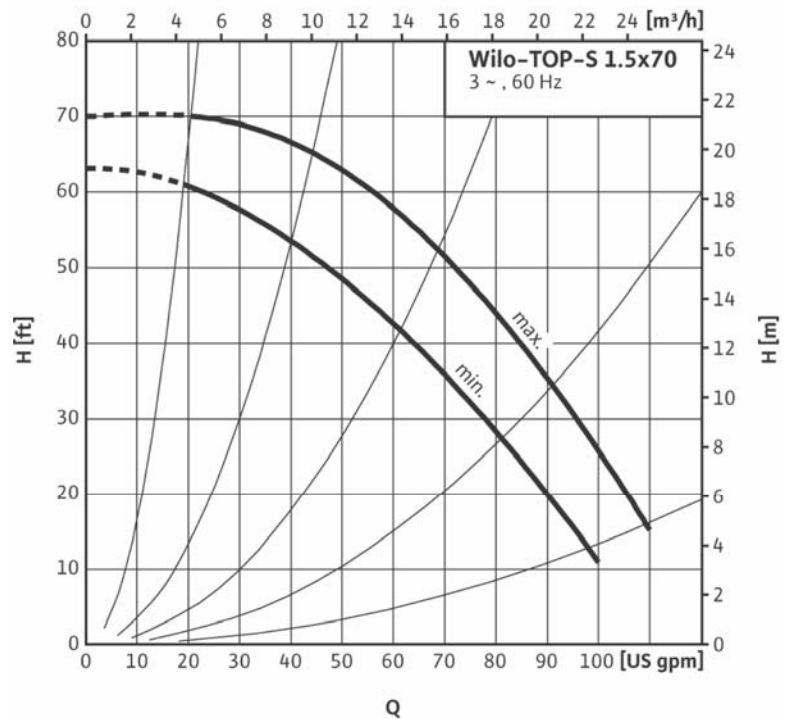
|                   |                  |                    |
|-------------------|------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C) | Min Inlet Pressure |
| 1.8 PSI ( 12 kpa) | 7.3 PSI (50 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 2.0 x 25 Three Phase Series

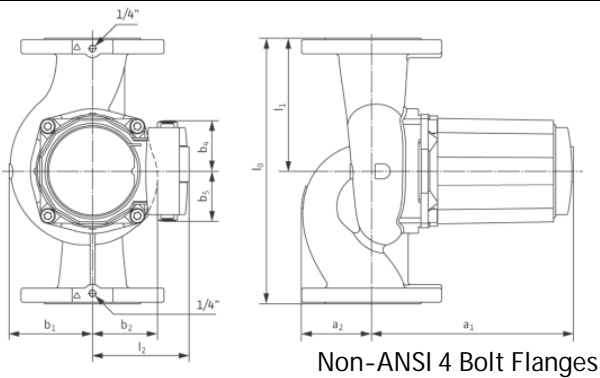


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 25 |      |      |      | 3     |          |
|       | TOP S 2.0 X 25 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1     | b2 | b4    | b6    | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|--------|----|-------|-------|----------|
| Imperial | 1/2 Hp   | 2"        | 11  | 5 1/2 | 4 3/4 | 9 9/16 | 2 1/2 | 3 9/16 | 3  | 2 3/4 | 2 3/4 | 34.8 lbs |
| Metric   | 350 Watt | 50 mm     | 279 | 139.5 | 120   | 243    | 64    | 91     | 76 | 70    | 70    | 15.8 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3380 | 610       | 2.1            | 1.1   | 0.8   |
| Min   | 2950 | 455       | 1.4            | 0.7   | 0.6   |

|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

Wilo USA LLC

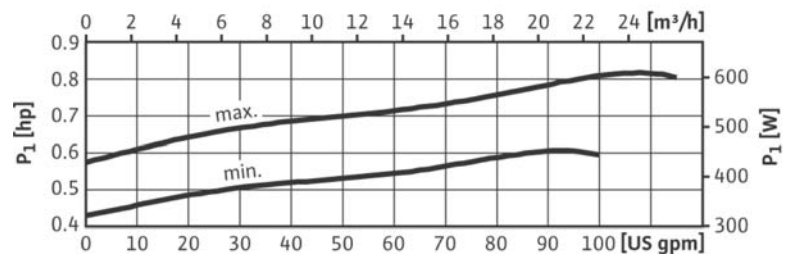
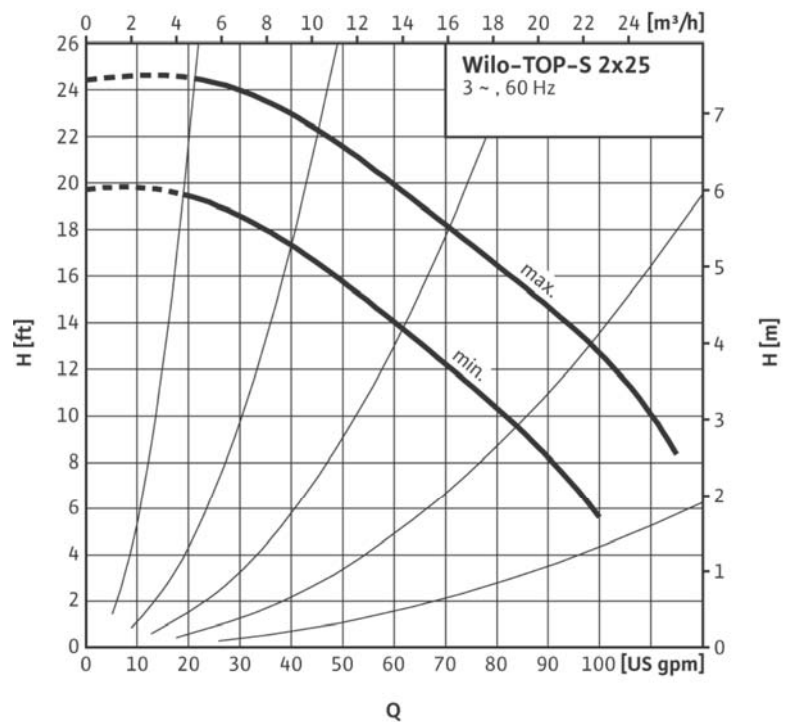
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Fax: 403 277 9456

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# WILO TOP S Submittal

Top S 2.0 x 35 Three Phase Series

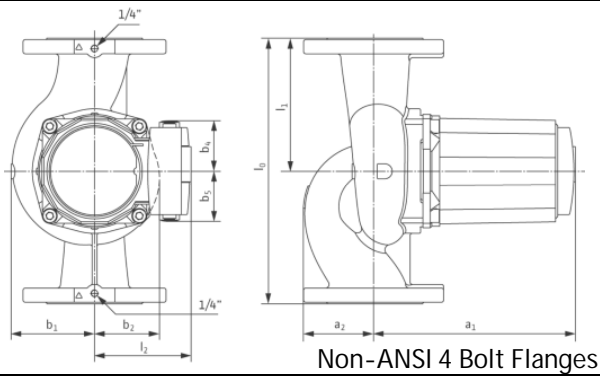


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 35 |      |      |      | 3     |          |
|       | TOP S 2.0 X 35 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1     | b2 | b4    | b6    | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|--------|----|-------|-------|----------|
| Imperial | 5/8 Hp   | 2"        | 11  | 5 1/2 | 4 3/4 | 9 9/16 | 2 1/2 | 3 9/16 | 3  | 2 3/4 | 2 3/4 | 36.8 lbs |
| Metric   | 450 Watt | 50 mm     | 279 | 139.5 | 120   | 243    | 64    | 91     | 76 | 70    | 70    | 16.7 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3330 | 870       | 3.0            | 1.5   | 1.2   |
| Min   | 2870 | 615       | 1.9            | 0.9   | 0.8   |

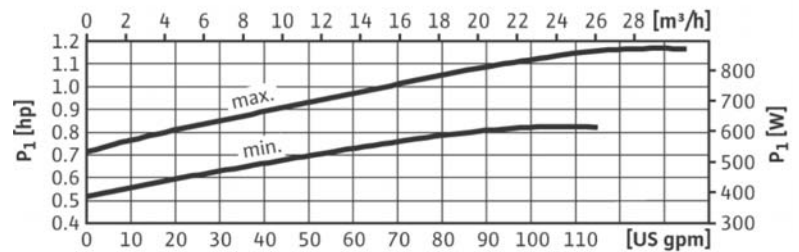
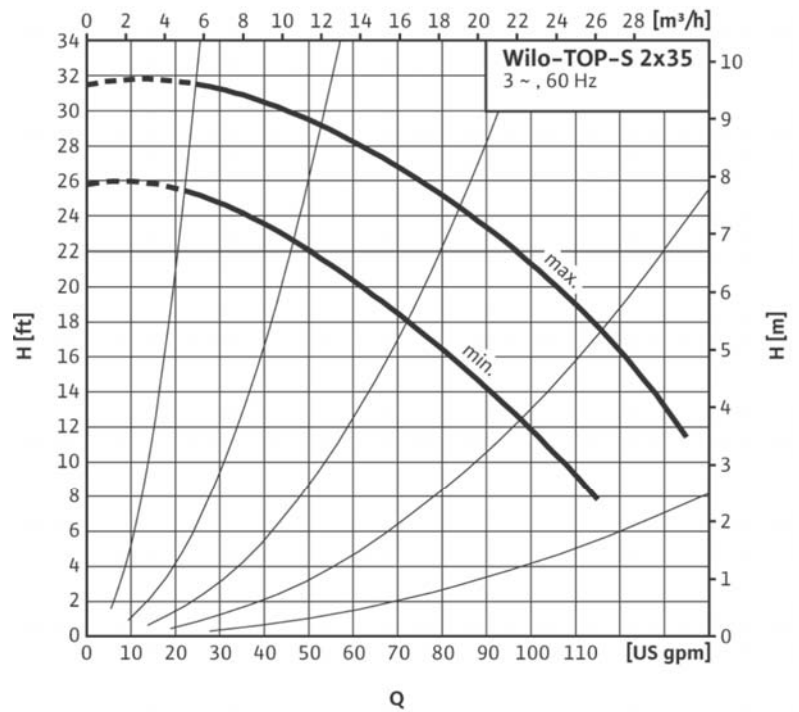
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)



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# WILO TOP S Submittal

Top S 2.0 x 40 Three Phase Series

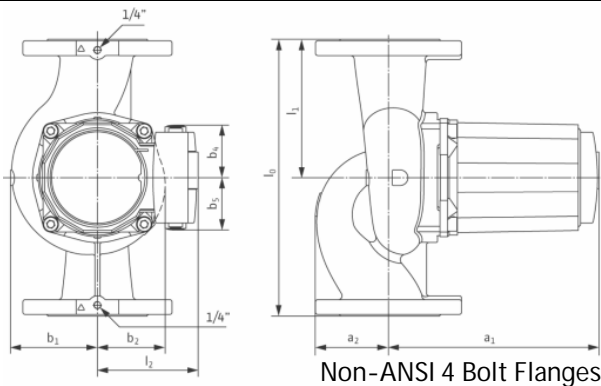


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 40 |      |      |      | 3     |          |
|       | TOP S 2.0 X 40 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1    | l2    | a1     | a2    | b1  | b2    | b4    | b6    | Weight   |
|----------|----------|-----------|-----|-------|-------|--------|-------|-----|-------|-------|-------|----------|
| Imperial | 3/4 Hp   | 2"        | 11  | 5 1/2 | 5 1/8 | 10 3/8 | 2 3/4 | 4   | 3 3/8 | 2 3/4 | 2 3/4 | 46.1 lbs |
| Metric   | 570 Watt | 50 mm     | 279 | 139.5 | 130   | 263    | 70    | 101 | 86    | 70    | 70    | 20.9 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3380 | 995       | 3.5            | 1.7   | 1.4   |
| Min   | 2940 | 740       | 2.3            | 1.1   | 0.9   |

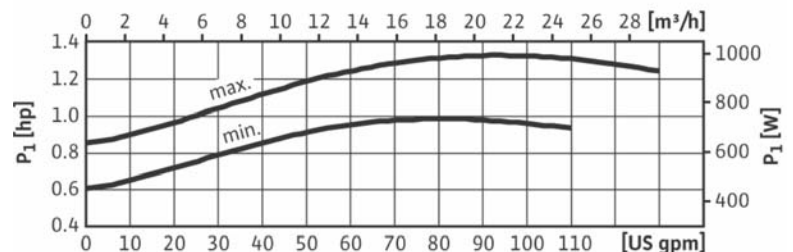
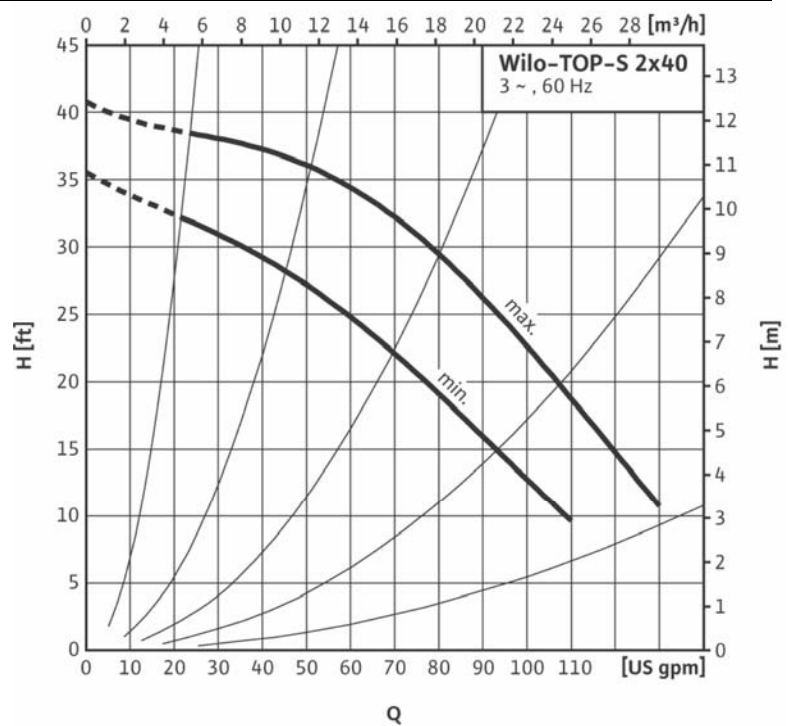
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 2.0 x 50 Three Phase Series

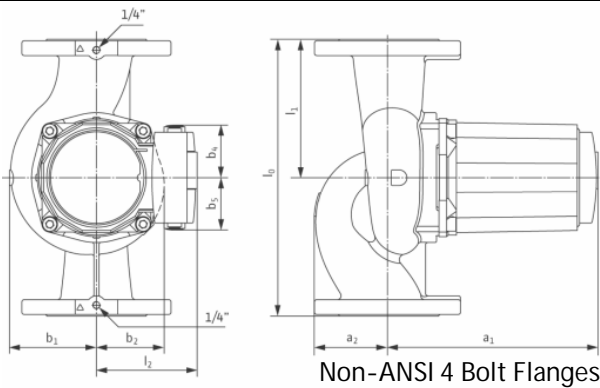


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 50 |      |      |      | 3     |          |
|       | TOP S 2.0 X 50 |      |      |      | 3     |          |

| Details  | Max Hp    | Pipe Size | l0     | l1    | l2    | a1      | a2     | b1    | b2     | b4    | b6    | Weight   |
|----------|-----------|-----------|--------|-------|-------|---------|--------|-------|--------|-------|-------|----------|
| Imperial | 1 1/2 Hp  | 2"        | 13 1/2 | 6 3/4 | 5 1/8 | 11 7/16 | 3 7/16 | 4 1/8 | 3 9/16 | 2 3/4 | 2 3/4 | 54.5 lbs |
| Metric   | 1100 Watt | 50 mm     | 343    | 171.5 | 130   | 290     | 88     | 105   | 90     | 70    | 70    | 24.7 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3420 | 1480      | 5.2            | 2.6   | 2.1   |
| Min   | 3080 | 1105      | 3.4            | 1.7   | 1.4   |

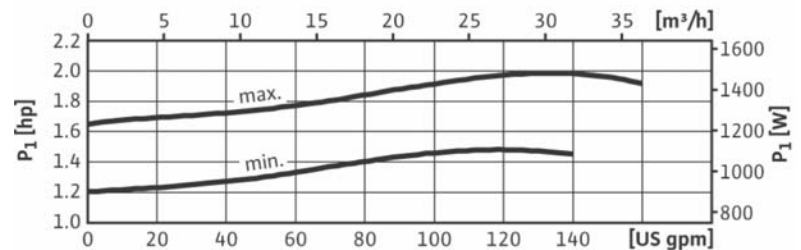
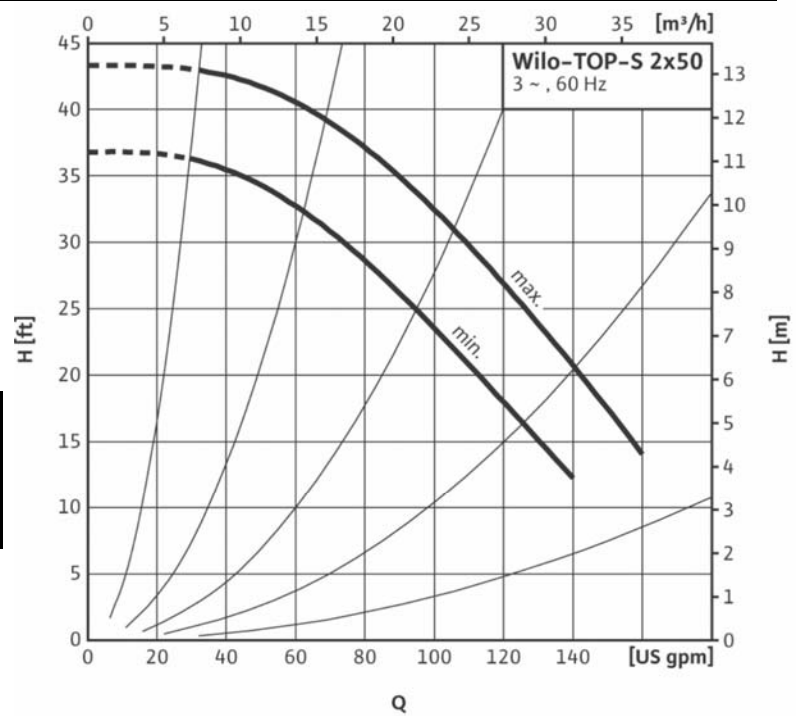
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 2.0 x 60 Three Phase Series

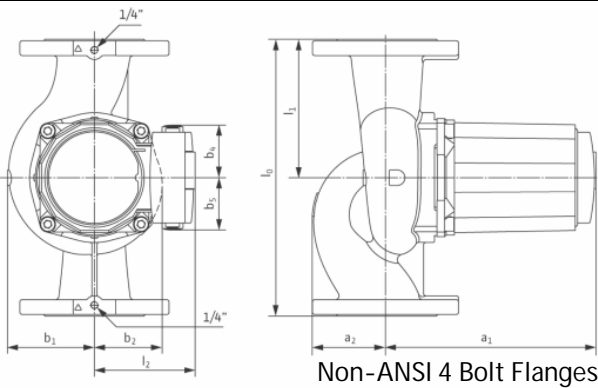


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 2.0 X 60 |      |      |      | 3     |          |
|       | TOP S 2.0 X 60 |      |      |      | 3     |          |

| Details  | Max Hp    | Pipe Size | l0     | l1    | l2    | a1      | a2     | b1    | b2     | b4    | b6    | Weight   |
|----------|-----------|-----------|--------|-------|-------|---------|--------|-------|--------|-------|-------|----------|
| Imperial | 1 3/4 Hp  | 2"        | 13 1/2 | 6 3/4 | 5 1/8 | 11 7/16 | 3 7/16 | 4 1/8 | 3 9/16 | 2 3/4 | 2 3/4 | 60.4 lbs |
| Metric   | 1300 Watt | 50 mm     | 343    | 171.5 | 130   | 290     | 88     | 105   | 90     | 70    | 70    | 27.4 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3460 | 2035      | 6.8            | 3.4   | 2.7   |
| Min   | 3180 | 1630      | 4.9            | 2.4   | 2.0   |

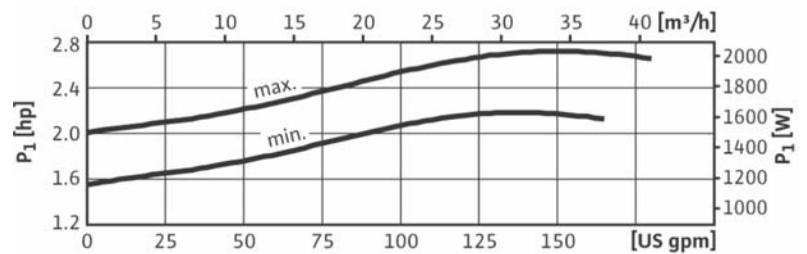
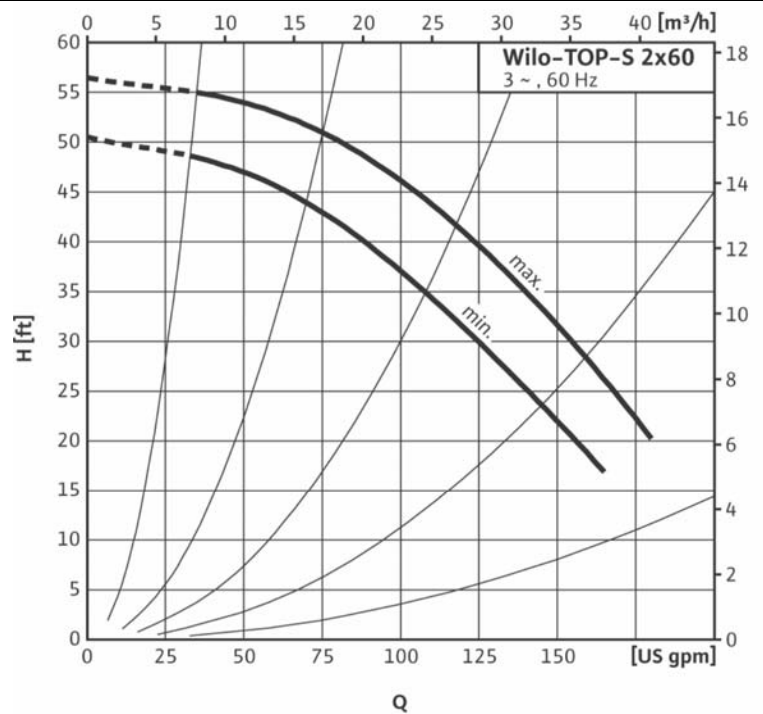
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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# WILO TOP S Submittal

Top S 3.0 x 25 Three Phase Series

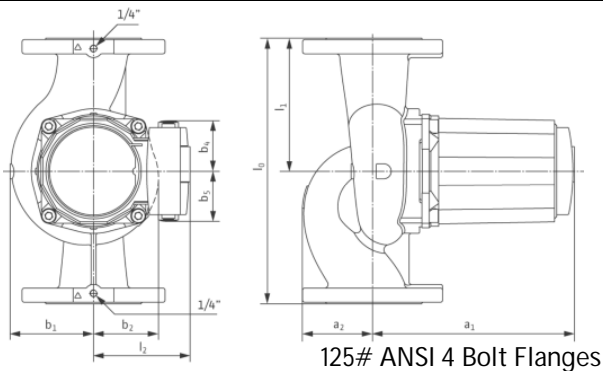


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 3.0 X 25 |      |      |      | 3     |          |
|       | TOP S 3.0 X 25 |      |      |      | 3     |          |

| Details  | Max Hp   | Pipe Size | l0  | l1  | l2    | a1       | a2      | b1     | b2     | b4    | b6    | Weight   |
|----------|----------|-----------|-----|-----|-------|----------|---------|--------|--------|-------|-------|----------|
| Imperial | 3/4 Hp   | 3"        | 14  | 7   | 5 1/8 | 10 11/16 | 3 11/16 | 4 7/16 | 3 7/16 | 2 3/4 | 2 3/4 | 66.4 lbs |
| Metric   | 570 Watt | 80 mm     | 356 | 178 | 130   | 271      | 94      | 112    | 87     | 70    | 70    | 30.1 kg  |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3340 | 1125      | 3.8            | 1.9   | 1.5   |
| Min   | 2910 | 820       | 2.5            | 1.3   | 1.0   |

| 140 deg F (60 C) | 194 deg F (90 C)   | Min Inlet Pressure |
|------------------|--------------------|--------------------|
| 6.3 PSI (43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

Wilo USA LLC

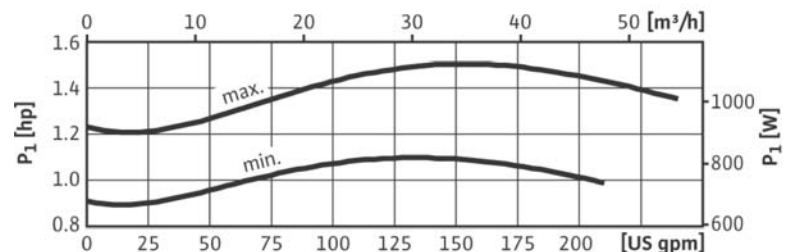
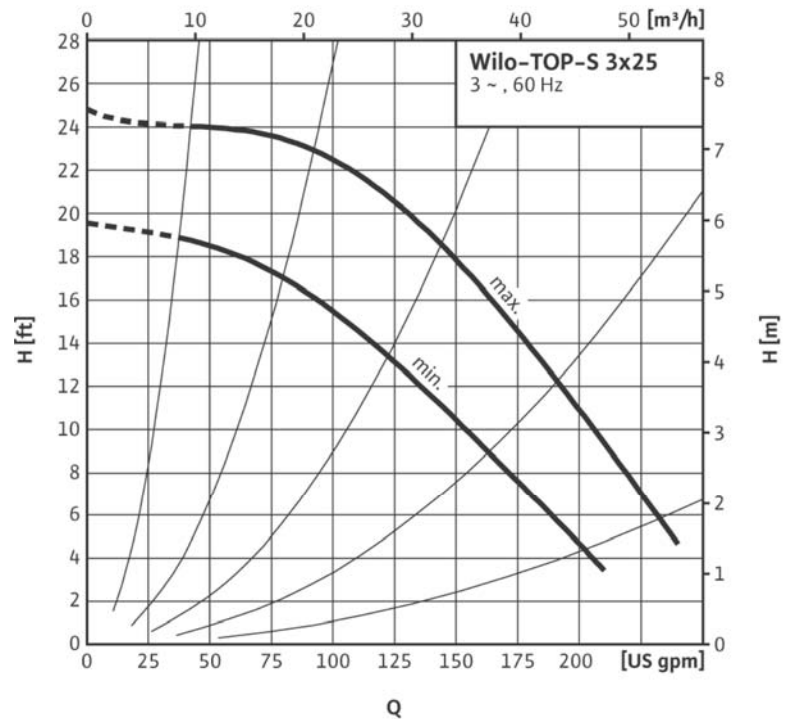
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# WILO TOP S Submittal

Top S 3.0 x 50 Three Phase Series

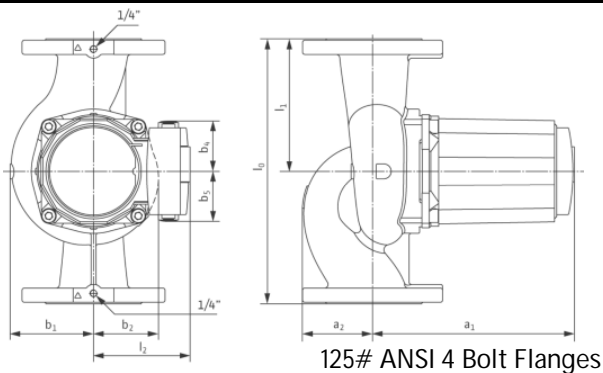


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 3.0 X 50 |      |      |      | 3     |          |
|       | TOP S 3.0 X 50 |      |      |      | 3     |          |

| Details  | Max Hp    | Pipe Size | l0  | l1  | l2     | a1      | a2    | b1      | b2    | b4    | b6    | Weight    |
|----------|-----------|-----------|-----|-----|--------|---------|-------|---------|-------|-------|-------|-----------|
| Imperial | 2 Hp      | 3"        | 14  | 7   | 6 1/16 | 13 1/16 | 6 1/4 | 4 11/16 | 4 1/4 | 2 3/4 | 2 3/4 | 106.3 lbs |
| Metric   | 1600 Watt | 80 mm     | 356 | 178 | 154    | 332     | 159   | 119     | 108   | 70    | 70    | 48.2 kg   |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3510 | 2360      | 8.7            | 4.3   | 3.5   |
| Min   | 3340 | 1835      | 5.7            | 2.9   | 2.3   |

|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

### Operating Limits

Max Temp 14 to 248 Deg F ( - 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

### Materials of Construction

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated  
 Bronze Available (B Model)

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Wilco Canada Inc

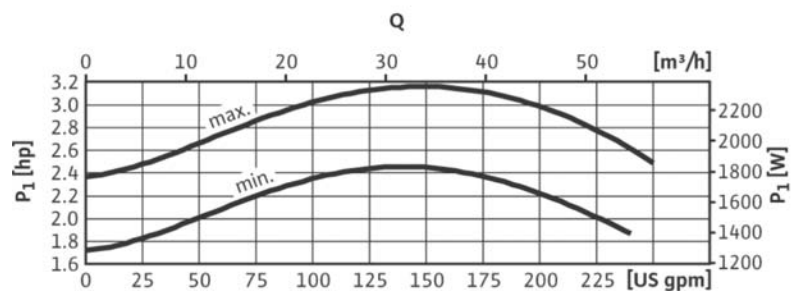
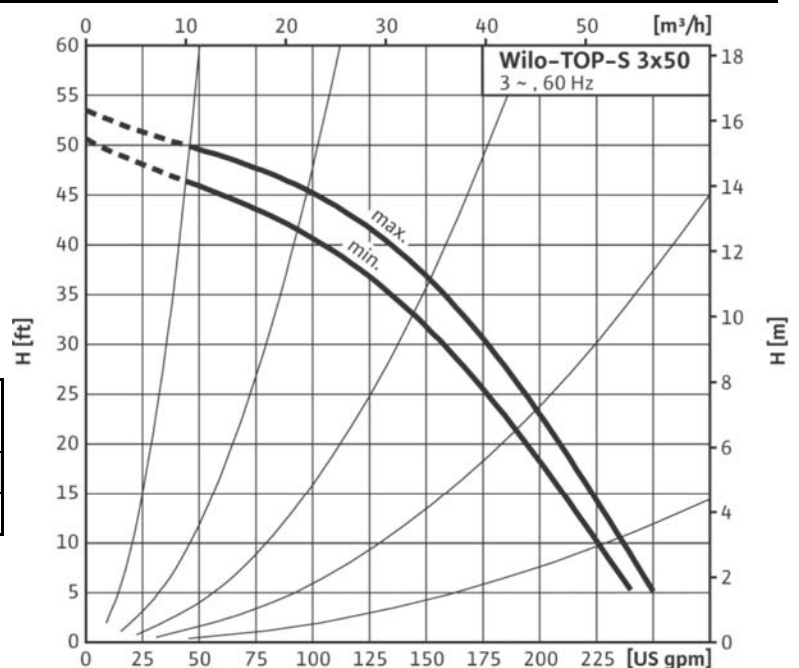
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# WILO TOP S Submittal

Top S 3.0 x 70 Three Phase Series

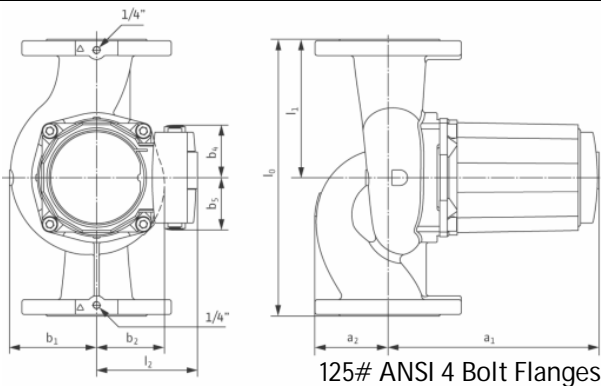


Pumpen Intelligenz.

|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #        | Flow | Head | Volt | Phase | Comments |
|-------|----------------|------|------|------|-------|----------|
|       | TOP S 3.0 X 70 |      |      |      | 3     |          |
|       | TOP S 3.0 X 70 |      |      |      | 3     |          |

| Details  | Max Hp    | Pipe Size | l0  | l1  | l2     | a1      | a2    | b1      | b2    | b4    | b6    | Weight    |
|----------|-----------|-----------|-----|-----|--------|---------|-------|---------|-------|-------|-------|-----------|
| Imperial | 2 Hp      | 3"        | 14  | 7   | 6 1/16 | 13 1/16 | 6 1/4 | 4 11/16 | 4 1/4 | 2 3/4 | 2 3/4 | 106.3 lbs |
| Metric   | 1600 Watt | 80 mm     | 356 | 178 | 154    | 332     | 159   | 119     | 108   | 70    | 70    | 48.2 kg   |



| Speed | RPM  | Max Watts | Amps 208/230 V | 460 V | 575 V |
|-------|------|-----------|----------------|-------|-------|
| Max   | 3470 | 3080      | 10.3           | 5.1   | 4.1   |
| Min   | 3210 | 2450      | 7.7            | 3.9   | 3.1   |

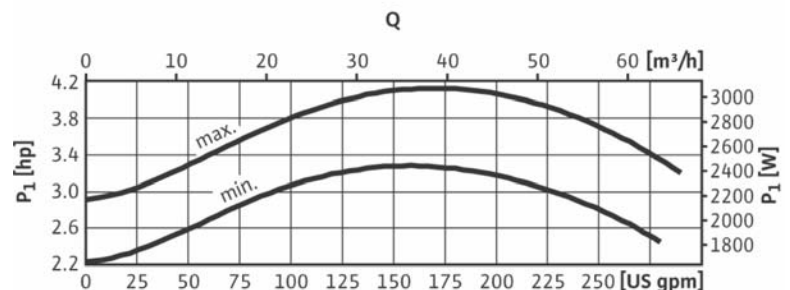
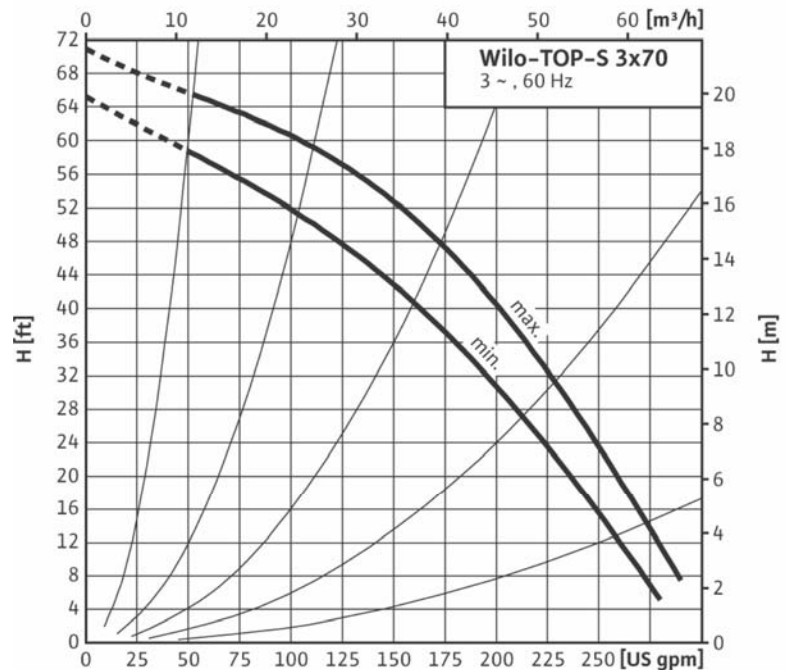
|                   |                    |                    |
|-------------------|--------------------|--------------------|
| 140 deg F (60 C)  | 194 deg F (90 C)   | Min Inlet Pressure |
| 6.3 PSI ( 43 kpa) | 15.4 PSI (105 kpa) |                    |

**Operating Limits**

Max Temp 14 to 248 Deg F (- 10 to 120 Deg C)  
 Max Ambient Temp 104 Deg F (40 Deg C)  
 Max Working Pressure 145 PSI (10 Bar)

**Materials of Construction**

Impeller Polypropylene (50% Glass Filled)  
 Shaft Stainless Steel (X40 Cr13)  
 Bearing Metal Impregnated Carbon  
 Volute Cast Iron (Closed Systems)  
 Cataphoresis Coated



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