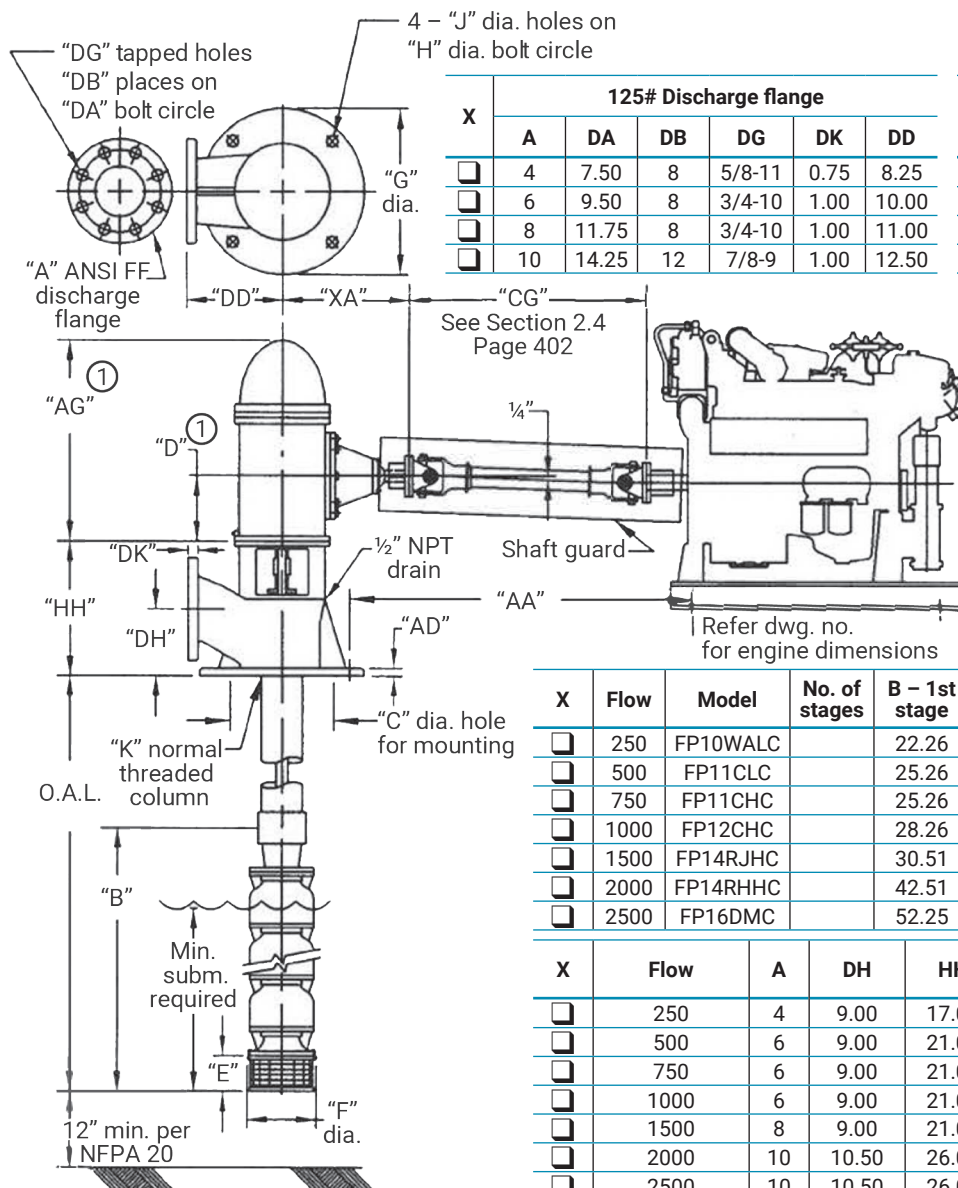


# A-C Fire Pump Systems

Engine Driven 250, 500, 750, 1000, 1500, 2000, 2500 GPM

FP 2.4 - Page 404



| X                        | 125# Discharge flange |       |    |        |      |       |
|--------------------------|-----------------------|-------|----|--------|------|-------|
|                          | A                     | DA    | DB | DG     | DK   | DD    |
| <input type="checkbox"/> | 4                     | 7.50  | 8  | 5/8-11 | 0.75 | 8.25  |
| <input type="checkbox"/> | 6                     | 9.50  | 8  | 3/4-10 | 1.00 | 10.00 |
| <input type="checkbox"/> | 8                     | 11.75 | 8  | 3/4-10 | 1.00 | 11.00 |
| <input type="checkbox"/> | 10                    | 14.25 | 12 | 7/8-9  | 1.00 | 12.50 |

| X                        | 250# Discharge flange |       |    |        |      |       |
|--------------------------|-----------------------|-------|----|--------|------|-------|
|                          | A                     | DA    | DB | DG     | DK   | DD    |
| <input type="checkbox"/> | 4                     | 7.88  | 8  | 3/4-10 | 1.00 | 8.50  |
| <input type="checkbox"/> | 6                     | 10.63 | 12 | 3/4-10 | 1.38 | 10.38 |
| <input type="checkbox"/> | 8                     | 13.00 | 12 | 7/8-9  | 1.50 | 11.50 |
| <input type="checkbox"/> | 10                    | 15.25 | 16 | 1-8    | 1.50 | 13.00 |

**Notes:**

1. Dimensions based on Randolph Gear Drive. May vary when driver adaptor is required.
2. Dimensions are in inches, unless otherwise indicated.
3. Engine to base mounting and cooling loop to be field installed and plumbed for gear cooling water and engine cooling loop.
4. Engine oil and anti-freeze/coolant not included.
5. Gear shipped filled with oil. Check level before installation.
6. See drawing on page 402 for right angle gear dimensions.

| X                        | Flow | Model    | No. of stages | B - 1st stage | B - add'l stage | C     | E     | F     | K  | CG | AA |
|--------------------------|------|----------|---------------|---------------|-----------------|-------|-------|-------|----|----|----|
| <input type="checkbox"/> | 250  | FP10WALC |               | 22.26         | 7.63            | 12.25 | 6.63  | 11.25 | 4  |    |    |
| <input type="checkbox"/> | 500  | FP11CLC  |               | 25.26         | 9.88            | 13.25 | 6.25  | 12.13 | 6  |    |    |
| <input type="checkbox"/> | 750  | FP11CHC  |               | 25.26         | 9.88            | 13.25 | 6.25  | 12.13 | 6  |    |    |
| <input type="checkbox"/> | 1000 | FP12CHC  |               | 28.26         | 11.00           | 13.25 | 6.25  | 12.13 | 6  |    |    |
| <input type="checkbox"/> | 1500 | FP14RJHC |               | 30.51         | 11.50           | 15.00 | 9.63  | 14.00 | 8  |    |    |
| <input type="checkbox"/> | 2000 | FP14RHHC |               | 42.51         | 13.63           | 15.00 | 11.38 | 15.75 | 10 |    |    |
| <input type="checkbox"/> | 2500 | FP16DMC  |               | 52.25         | 15.25           | 19.00 | 16.00 | 17.50 | 10 |    |    |

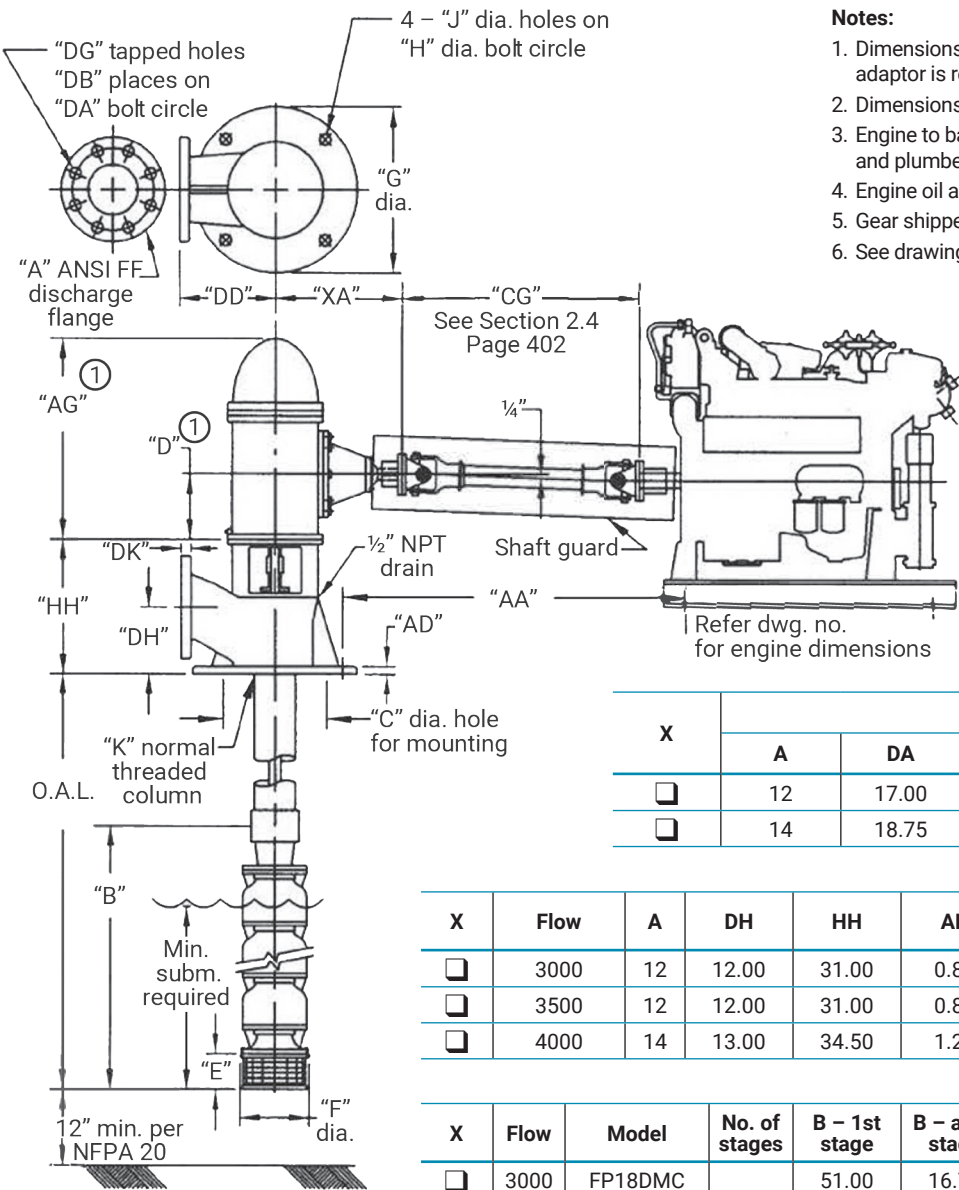
| X                        | Flow | A  | DH    | HH    | AD   | G     | J   | H     | Min. subm. |
|--------------------------|------|----|-------|-------|------|-------|-----|-------|------------|
| <input type="checkbox"/> | 250  | 4  | 9.00  | 17.00 | 0.61 | 16.00 | .75 | 14.25 | 23.93      |
| <input type="checkbox"/> | 500  | 6  | 9.00  | 21.00 | 0.88 | 19.00 | .75 | 17.00 | 29.25      |
| <input type="checkbox"/> | 750  | 6  | 9.00  | 21.00 | 0.88 | 19.00 | .75 | 17.00 | 33.75      |
| <input type="checkbox"/> | 1000 | 6  | 9.00  | 21.00 | 0.88 | 19.00 | .75 | 17.00 | 40.25      |
| <input type="checkbox"/> | 1500 | 8  | 9.00  | 21.00 | 0.88 | 21.00 | .75 | 18.75 | 51.63      |
| <input type="checkbox"/> | 2000 | 10 | 10.50 | 26.00 | 0.88 | 23.50 | .75 | 21.25 | 61.38      |
| <input type="checkbox"/> | 2500 | 10 | 10.50 | 26.00 | 0.88 | 25.00 | .75 | 21.25 | 66.00      |

|                                                                             |                                                                     |      |               |               |     |                    |                                                                                                |          |               |        |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------|------|---------------|---------------|-----|--------------------|------------------------------------------------------------------------------------------------|----------|---------------|--------|
| NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED | Certified for:                                                      |      |               |               |     |                    | Approval: UL <input type="checkbox"/> FM <input type="checkbox"/> ULC <input type="checkbox"/> |          |               |        |
|                                                                             | Customer order no.:                                                 |      |               |               |     | Identification no: |                                                                                                |          |               |        |
|                                                                             | Pump data                                                           | Size | No. of stages | Curve no.     | GPM | Head (PSI)         | Pump max. BHP                                                                                  | Pump RPM | Flange size # | Weight |
|                                                                             | Engine data                                                         | Make |               | Model         |     | Usable BHP         | RPM                                                                                            | Voltage  | Polarity      | Weight |
|                                                                             | Gear data                                                           | Make |               | Model         |     | Maximum BHP        |                                                                                                | Ratio    |               | Weight |
|                                                                             | Baseplate: <input type="checkbox"/> Yes <input type="checkbox"/> No |      |               |               |     |                    |                                                                                                |          |               |        |
|                                                                             | Shop order:                                                         |      |               | Certified by: |     |                    | Date:                                                                                          |          | Total weight: |        |

# A-C Fire Pump Systems

## Engine Driven 3000, 3500, 4000 GPM

FP 2.4 - Page 405



- Notes:**
1. Dimensions based on Randolph Gear Drive. May vary when driver adaptor is required.
  2. Dimensions are in inches, unless otherwise indicated.
  3. Engine to base mounting and cooling loop to be field installed and plumbed.
  4. Engine oil and anti-freeze/coolant not included.
  5. Gear shipped filled with oil. Check level before installation.
  6. See drawing on page 402 for right angle gear dimensions.

| X                        | 125# Discharge flange |       |    |         |      |       |
|--------------------------|-----------------------|-------|----|---------|------|-------|
|                          | A                     | DA    | DB | DG      | DK   | DD    |
| <input type="checkbox"/> | 12                    | 17.00 | 12 | .88-9   | 1.00 | 14.50 |
| <input type="checkbox"/> | 14                    | 18.75 | 12 | 1.125-7 | 1.38 | 22.00 |

| X                        | Flow | A  | DH    | HH    | AD   | G     | J    | H     | Min. subm. |
|--------------------------|------|----|-------|-------|------|-------|------|-------|------------|
| <input type="checkbox"/> | 3000 | 12 | 12.00 | 31.00 | 0.88 | 27.50 | .75  | 25.00 | 103.75     |
| <input type="checkbox"/> | 3500 | 12 | 12.00 | 31.00 | 0.88 | 27.50 | .75  | 25.00 | 139.75     |
| <input type="checkbox"/> | 4000 | 14 | 13.00 | 34.50 | 1.25 | 32.00 | 1.38 | 29.50 | 237.75     |

| X                        | Flow | Model   | No. of stages | B - 1st stage | B - add'l stage | C     | E     | F     | K  | CG | AA |
|--------------------------|------|---------|---------------|---------------|-----------------|-------|-------|-------|----|----|----|
| <input type="checkbox"/> | 3000 | FP18DMC |               | 51.00         | 16.75           | 21.00 | 16.75 | 19.50 | 12 |    |    |
| <input type="checkbox"/> | 3500 | FP18DMC |               | 51.00         | 16.75           | 21.00 | 16.75 | 19.50 | 12 |    |    |
| <input type="checkbox"/> | 4000 | FP18DHC |               | 51.00         | 16.75           | 21.00 | 16.75 | 19.50 | 12 |    |    |

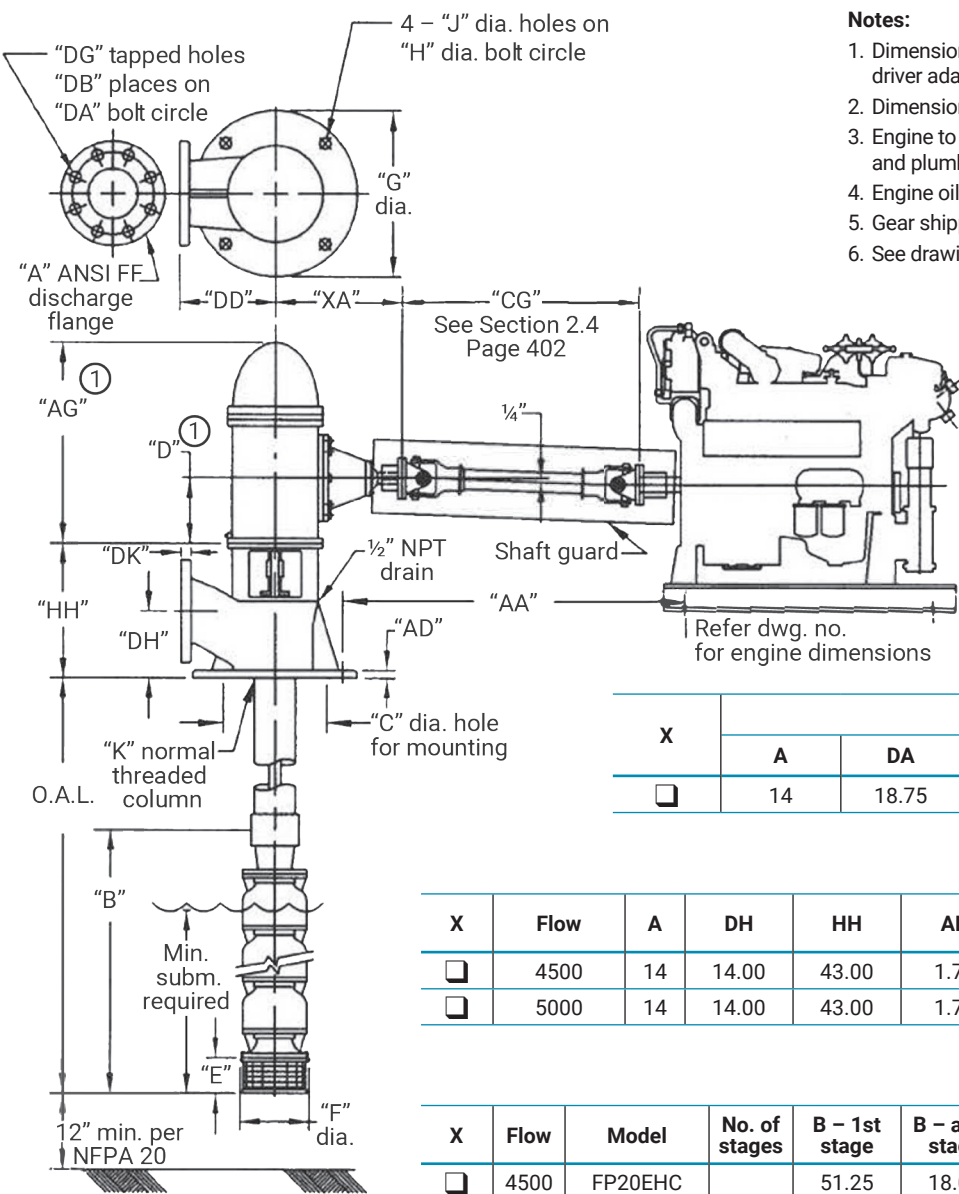
NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED

|                                                                     |      |               |               |     |                    |                                                                                                |          |               |               |  |  |
|---------------------------------------------------------------------|------|---------------|---------------|-----|--------------------|------------------------------------------------------------------------------------------------|----------|---------------|---------------|--|--|
| Certified for:                                                      |      |               |               |     |                    | Approval: UL <input type="checkbox"/> FM <input type="checkbox"/> ULC <input type="checkbox"/> |          |               |               |  |  |
| Customer order no.:                                                 |      |               |               |     | Identification no: |                                                                                                |          |               |               |  |  |
| Pump data                                                           | Size | No. of stages | Curve no.     | GPM | Head (PSI)         | Pump max. BHP                                                                                  | Pump RPM | Flange size # | Weight        |  |  |
| Engine data                                                         | Make |               | Model         |     | Usable BHP         | RPM                                                                                            | Voltage  | Polarity      | Weight        |  |  |
| Gear data                                                           | Make |               | Model         |     | Maximum BHP        |                                                                                                | Ratio    |               | Weight        |  |  |
| Baseplate: <input type="checkbox"/> Yes <input type="checkbox"/> No |      |               |               |     |                    |                                                                                                |          |               |               |  |  |
| Shop order:                                                         |      |               | Certified by: |     |                    | Date:                                                                                          |          |               | Total weight: |  |  |

# A-C Fire Pump Systems

## Engine Driven 4500, 5000 GPM

FP 2.4 - Page 406



**Notes:**

- 1. Dimensions based on Randolph Gear Drive. May vary when driver adaptor is required.
- 2. Dimensions are in inches, unless otherwise indicated.
- 3. Engine to base mounting and cooling loop to be field installed and plumbed.
- 4. Engine oil and anti-freeze/coolant not included.
- 5. Gear shipped filled with oil. Check level before installation.
- 6. See drawing on page 402 for right angle gear dimensions.

| X                        | 125# Discharge flange |       |    |      |      |       |
|--------------------------|-----------------------|-------|----|------|------|-------|
|                          | A                     | DA    | DB | DG   | DK   | DD    |
| <input type="checkbox"/> | 14                    | 18.75 | 12 | 1.13 | 1.38 | 22.00 |

| X                        | Flow | A  | DH    | HH    | AD   | G     | J    | H     | Min. subm. |
|--------------------------|------|----|-------|-------|------|-------|------|-------|------------|
| <input type="checkbox"/> | 4500 | 14 | 14.00 | 43.00 | 1.75 | 38.75 | 1.38 | 36.00 | 91.75      |
| <input type="checkbox"/> | 5000 | 14 | 14.00 | 43.00 | 1.75 | 38.75 | 1.38 | 36.00 | 91.75      |

| X                        | Flow | Model   | No. of stages | B – 1st stage | B – add'l stage | C     | E     | F     | K  | CG | AA |
|--------------------------|------|---------|---------------|---------------|-----------------|-------|-------|-------|----|----|----|
| <input type="checkbox"/> | 4500 | FP20EHC |               | 51.25         | 18.00           | 26.00 | 20.75 | 24.13 | 14 |    |    |
| <input type="checkbox"/> | 5000 | FP20EHC |               | 51.25         | 18.00           | 26.00 | 20.75 | 24.13 | 14 |    |    |

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED

|                                                                     |      |               |               |     |                    |               |                                                                                                |               |               |  |  |
|---------------------------------------------------------------------|------|---------------|---------------|-----|--------------------|---------------|------------------------------------------------------------------------------------------------|---------------|---------------|--|--|
| Certified for:                                                      |      |               |               |     |                    |               | Approval: UL <input type="checkbox"/> FM <input type="checkbox"/> ULC <input type="checkbox"/> |               |               |  |  |
| Customer order no.:                                                 |      |               |               |     | Identification no: |               |                                                                                                |               |               |  |  |
| Pump data                                                           | Size | No. of stages | Curve no.     | GPM | Head (PSI)         | Pump max. BHP | Pump RPM                                                                                       | Flange size # | Weight        |  |  |
| Engine data                                                         | Make |               | Model         |     | Usable BHP         | RPM           | Voltage                                                                                        | Polarity      | Weight        |  |  |
| Gear data                                                           | Make |               | Model         |     | Maximum BHP        |               | Ratio                                                                                          |               | Weight        |  |  |
| Baseplate: <input type="checkbox"/> Yes <input type="checkbox"/> No |      |               |               |     |                    |               |                                                                                                |               |               |  |  |
| Shop order:                                                         |      |               | Certified by: |     |                    | Date:         |                                                                                                |               | Total weight: |  |  |

---

Xylem  
8200 N. Austin Avenue  
Morton Grove, Illinois 60053

Tel +1 847.966.3700  
Fax +1 847.965.8379  
[www.xylem.com/acfirepump](http://www.xylem.com/acfirepump)

All information presented herein is believed reliable and in accordance with accepted engineering practices. Xylem makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Xylem assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products. Subject to change without notice.

© 2025 Xylem Inc. or its affiliates. All rights reserved. Xylem and A-C Fire Pump are trademarks or registered trademarks of Xylem Inc. or one of its subsidiaries. All other trademarks or registered trademarks are the property of their respective owners.

ACF-FP2.4 P406 SUB 591 R2 March 2025

