



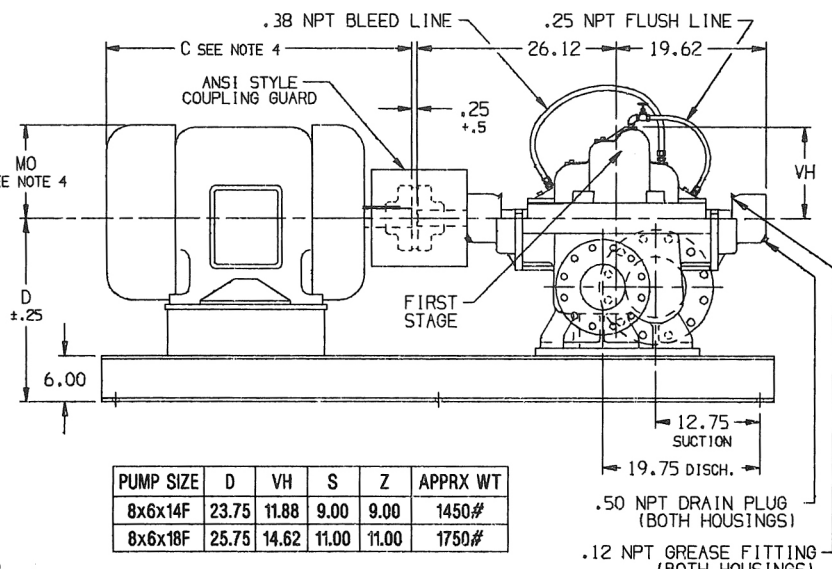
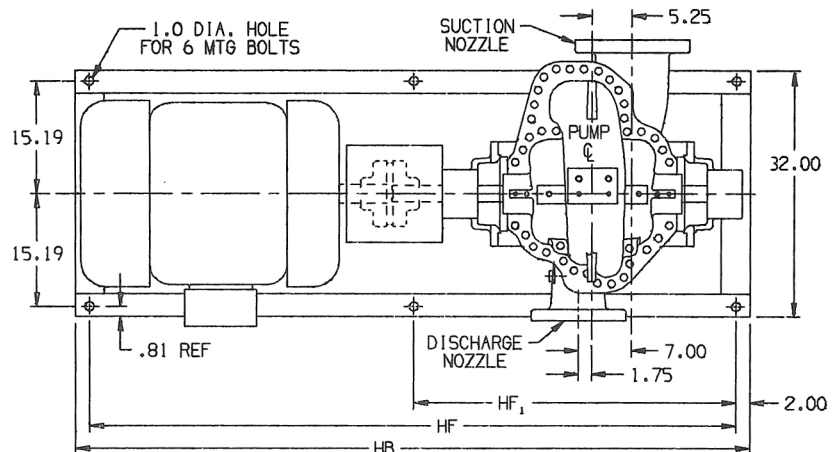
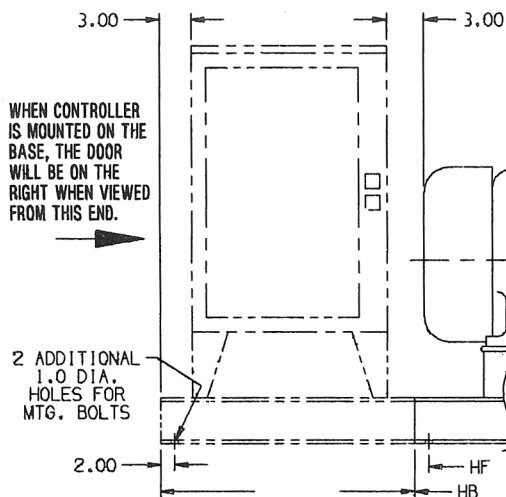
a xylem brand

AC FIRE PUMP SYSTEMS  
Dimensions – Motor Driven  
8x6x14F-S, 8x6x18F-L 8x6x18F 8200 Series  
500, 750, 1000 GPM  
CounterClockWise Rotation

FP 2.1

September 2000

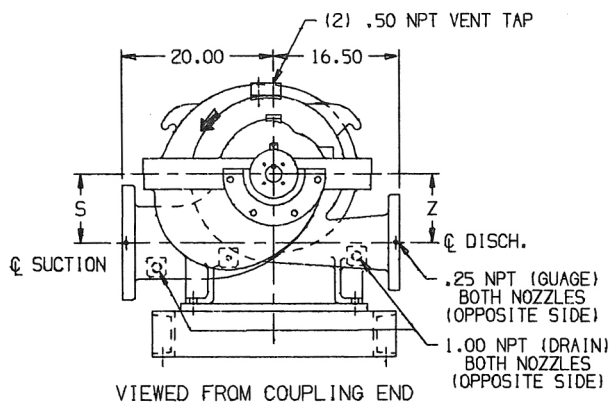
| MOTOR FRAMES | C    | HB     | HF     | HF <sub>1</sub> | MO   | APPROX. WEIGHT # |
|--------------|------|--------|--------|-----------------|------|------------------|
| 324-326      | 29.2 | 76.00  | 72.00  | 36.00           | 8.6  | 590              |
| 364-365      | 31.9 | 80.00  | 76.00  | 38.00           | 9.2  | 800              |
| 404-405      | 37.9 | 86.00  | 82.00  | 41.00           | 10.4 | 1200             |
| 444-445      | 44.2 | 92.00  | 88.00  | 44.00           | 11.8 | 1500             |
| 447          | 47.6 | 94.00  | 90.00  | 45.00           | 11.8 | 1900             |
| 449          | 52.6 | 100.00 | 96.00  | 48.00           | 12.1 | 2200             |
| 5007S        | 44.6 | 92.00  | 88.00  | 44.00           | 13.4 | 2200             |
| 5009S        | 50.5 | 98.00  | 94.00  | 47.00           | 12.5 | 2250             |
| 5809S        | 65.5 | 112.00 | 108.00 | 54.00           | 15.6 | 5200             |
| 5811S        | 73.5 | 120.00 | 116.00 | 58.00           | 15.6 | 5700             |



| PUMP SIZE | D     | VH    | S     | Z     | APPRX WT |
|-----------|-------|-------|-------|-------|----------|
| 8x6x14F   | 23.75 | 11.88 | 9.00  | 9.00  | 1450#    |
| 8x6x18F   | 25.75 | 14.62 | 11.00 | 11.00 | 1750#    |

NOTES:

- ALL DIMENSIONS IN INCHES WITH  $\pm .125$ " TOLERANCE. UNLESS OTHERWISE SPECIFIED.
- POSSIBLE SUCTION/DISCHARGE FLANGE COMBINATIONS ARE 125#/250#, 250#/250# FOR 8X6X14F & 8X6X18F, 125#/800#, OR 250#/800# FOR 8X6X14F ONLY. ALL FLANGES FLAT FACED PER ANSI B16.1 HOLES STADDLE  $\phi$ .
- BASEPLATE SETTING (BEFORE PIPING), GROUTING PROCEDURES AND FINAL ALIGNMENT MUST BE IN ACCORDANCE WITH ITT A-C PUMP RECOMMENDED INSTALLATION PROCEDURES OUTLINED IN THE INSTRUCTION MANUAL ASSOCIATED WITH THIS PUMP TYPE.
- NEMA FRAMES CAN BE T OR TS. MOTOR DIMENSIONS ARE APPROXIMATE FOR GIVEN FRAME. CONSULT FACTORY IF SPACE IS LIMITED.
- BOTH SUCTION AND DISCHARGE PIPES MUST BE SUPPORTED INDEPENDENTLY NEAR THE PUMP TO REDUCE STRAIN ON THE PUMP CASING. ALSO, EXPANSION JOINTS, IF USED, MUST NOT EXERT FORCE ON CASING.
- ITT A-C PUMPS CONTRACT ENDS AT SUCTION AND DISCHARGE FLANGES. NO BOLTS, NUTS, OR GASKETS FURNISHED.



NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED.

CERTIFIED FOR:

CUSTOMER ORDER NO:

IDENTIFICATION NO:

FLANGES

| PUMP DATA       | SIZE        | MODEL       | CURVE NO.       | GPM   | HEAD(FT.)    | ROTATION | SUCTION       | DISCHARGE |
|-----------------|-------------|-------------|-----------------|-------|--------------|----------|---------------|-----------|
|                 |             | 150         |                 |       |              | CCW      |               |           |
| MOTOR DATA      | FRAME SIZE  | HP          | RPM             | VOLTS | PHASE        | HERTZ    | ENCLOSURE     |           |
|                 |             |             |                 |       |              |          |               |           |
| APPROX. WEIGHTS | PUMP WEIGHT | BASE WEIGHT | COUPLING WEIGHT |       | MOTOR WEIGHT |          | TOTAL WEIGHTS |           |
|                 |             |             |                 |       |              |          |               |           |
| SHOP ORDER:     |             |             | CERTIFIED BY:   |       |              | DATE     |               |           |



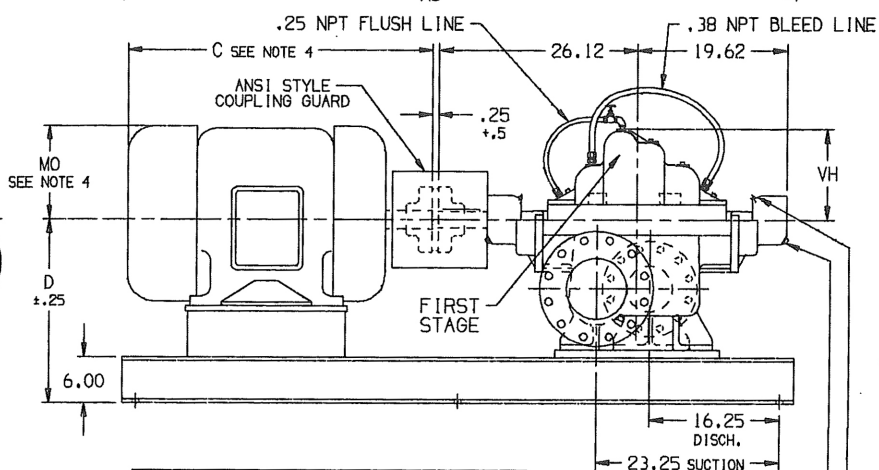
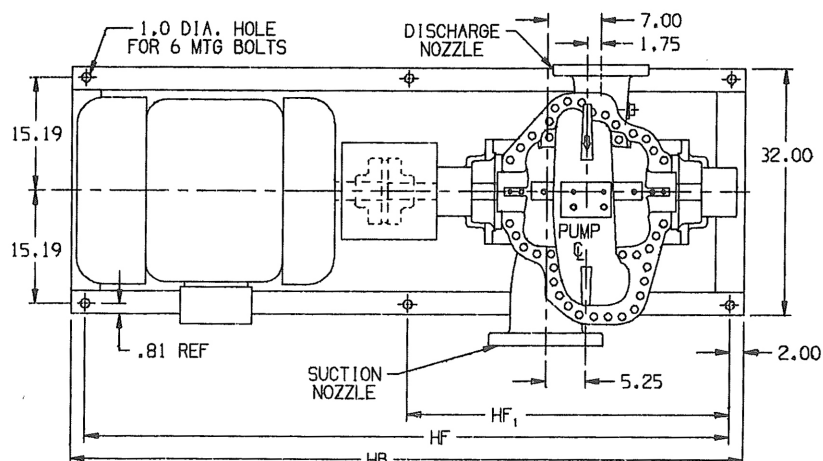
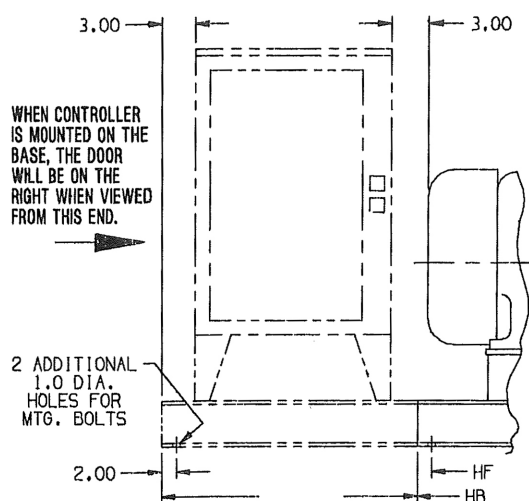
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ClockWise Rotation

FP 2.1

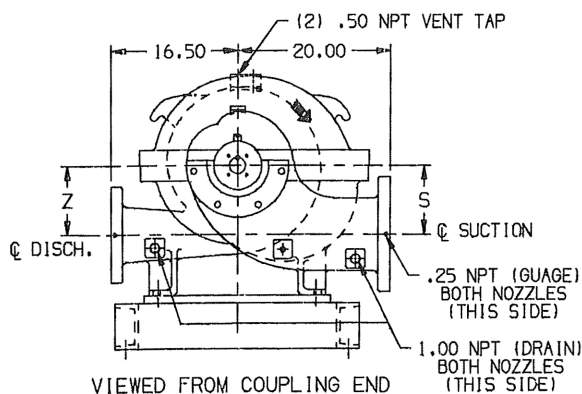
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| 500TS        | 44.6 | 92.00  | 88.00  | 44.00           | 13.4 | 2200             |
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.50 NPT DRAIN PLUG (BOTH HOUSINGS)  
.12 NPT GREASE FITTING (BOTH HOUSINGS)



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|                 |             |             |               |                 |           |              |           |               |
|-----------------|-------------|-------------|---------------|-----------------|-----------|--------------|-----------|---------------|
| PUMP DATA       | SIZE        | MODEL       | CURVE NO.     | GPM             | HEAD(FT.) | ROTATION     | SUCTION   | DISCHARGE     |
|                 |             | 150         |               |                 |           | CW           |           |               |
| MOTOR DATA      | FRAME SIZE  | HP          | RPM           | VOLTS           | PHASE     | HERTZ        | ENCLOSURE |               |
|                 |             |             |               |                 |           |              |           |               |
| APPROX. WEIGHTS | PUMP WEIGHT | BASE WEIGHT |               | COUPLING WEIGHT |           | MOTOR WEIGHT |           | TOTAL WEIGHTS |
|                 |             |             |               |                 |           |              |           |               |
| SHOP ORDER:     |             |             | CERTIFIED BY: |                 |           |              | DATE      |               |