

## VERTICAL TURBINE DIESEL FIRE PUMP | 8x14M VTF WITH 8x12 CAST IRON HEAD | SUBMITTAL

File No: F51.612  
Date: APRIL 10, 2025  
Supersedes: F51.612  
Date: JULY 15, 2013

Job: \_\_\_\_\_ Representative: \_\_\_\_\_

\_\_\_\_\_ Order no.: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

**Model:** 8x14M VTF      **Discharge head:** 8x12 A

**RPM:** 1770 Water lube

**1000 GPM:** \_\_\_\_\_ T.D.H

- FM       UL       NFPA-20 only
- Approval     Construction
- Engine model: \_\_\_\_\_
- Ragd model: \_\_\_\_\_
- Shaft model: \_\_\_\_\_
- Controller model: \_\_\_\_\_

### NOTES

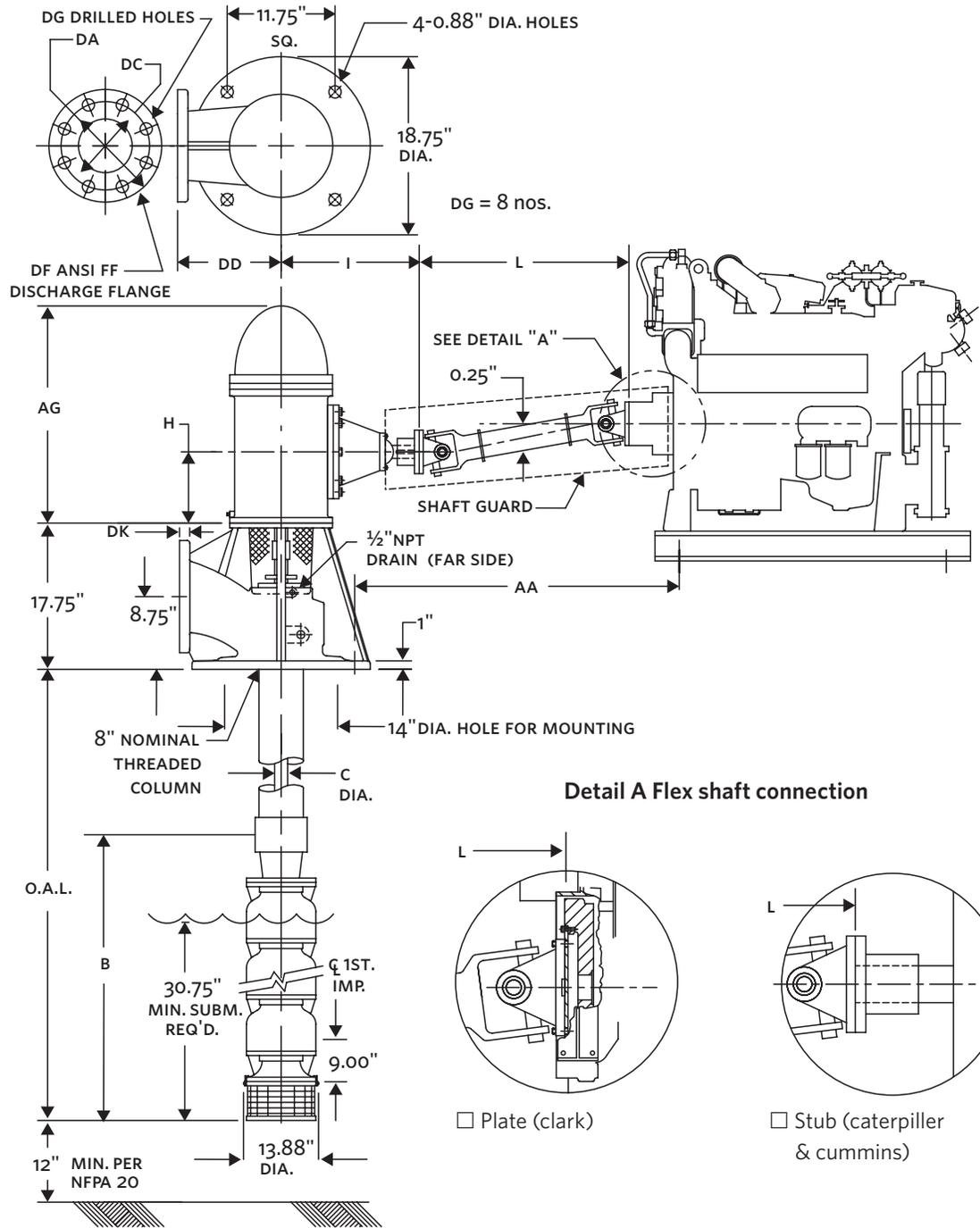
- Dimension based on randolph gear drive. May vary when driver adaptor is required.
- Dimensions are in inches unless otherwise indicated.
- Engine to base mounting and cooling loop to be field installed and plumbed.
- Engine oil & anti freeze/coolant may not be included.
- Gear shipped filled with oil. Check level before installation.
- Refer dwg. no. \_\_\_\_\_ for Engine dimensions.
- Not to be used for construction unless certified.

| PRESS RATE | DISCHARGE FLANGE INCH (mm) |                |                |               |              |              |
|------------|----------------------------|----------------|----------------|---------------|--------------|--------------|
|            | DA                         | DC             | DD             | DF            | DG           | DK           |
| 125 #      | 13.50<br>(343)             | 11.75<br>(299) | 10.25<br>(260) | 8.00<br>(203) | 0.88<br>(22) | 1.13<br>(29) |



| NO OF STG'S | DISCHARGE SIZE | RATING | RAGD      | AG*         | B            | C         | H*          | I*          | L | AA |
|-------------|----------------|--------|-----------|-------------|--------------|-----------|-------------|-------------|---|----|
|             | INCH (mm)      |        | HP        | INCH (mm)   |              |           |             |             |   |    |
| 2           | 8 (203)        | 125    | 60-80-100 | 22.25 (565) | 45.75 (1162) | 1.25 (32) | 8.50 (216)  | 17.00 (432) | — | —  |
| 3           | 8 (203)        | 125    | 80-100    | 22.25 (565) | 55.64 (1413) | 1.25 (32) | 8.50 (216)  | 17.00 (432) | — | —  |
| 3           | 8 (203)        | 125    | 125-150   | 26.69 (678) | 55.64 (1413) | 1.25 (32) | 11.44 (291) | 18.00 (457) | — | —  |

\* Dimension based on randolph gear drive. May vary when driver adaptor is required.



TORONTO  
+1 416 755 2291

BUFFALO  
+1 716 693 8813

DROITWICH SPA  
+44 8444 145 145

MANCHESTER  
+44 8444 145 145

BANGALORE  
+91 80 4906 3555

SHANGHAI  
+86 21 5237 0909

BEIJING  
+86 21 5237 0909

SÃO PAULO  
+55 11 4785 1330

LYON  
+33 4 20 10 26 21

DUBAI  
+971 4 887 6775

JIMBOLIA  
+40 256 360 030

FRANKFURT  
+49 6173 999 77 55