

## VERTICAL TURBINE DIESEL FIRE PUMP | 3500 GPM WITH 12×24½ FABRICATED STEEL HEAD | SUBMITTAL

**File No:** F51.638  
**Date:** JULY 15, 2013  
**Supersedes:** F51.638  
**Date:** AUGUST 15, 2005

Job: \_\_\_\_\_ Representative: \_\_\_\_\_  
 \_\_\_\_\_ Order no.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

**Model:** 12x18M VTF      **Discharge head:** 12x24½ F

**RPM:** 1770 Water lube

**3500 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
300#	20.50 (521)	17.75 (451)	17.00 (432)	12.00 (304)	1.25 (32)	2.00 (51)

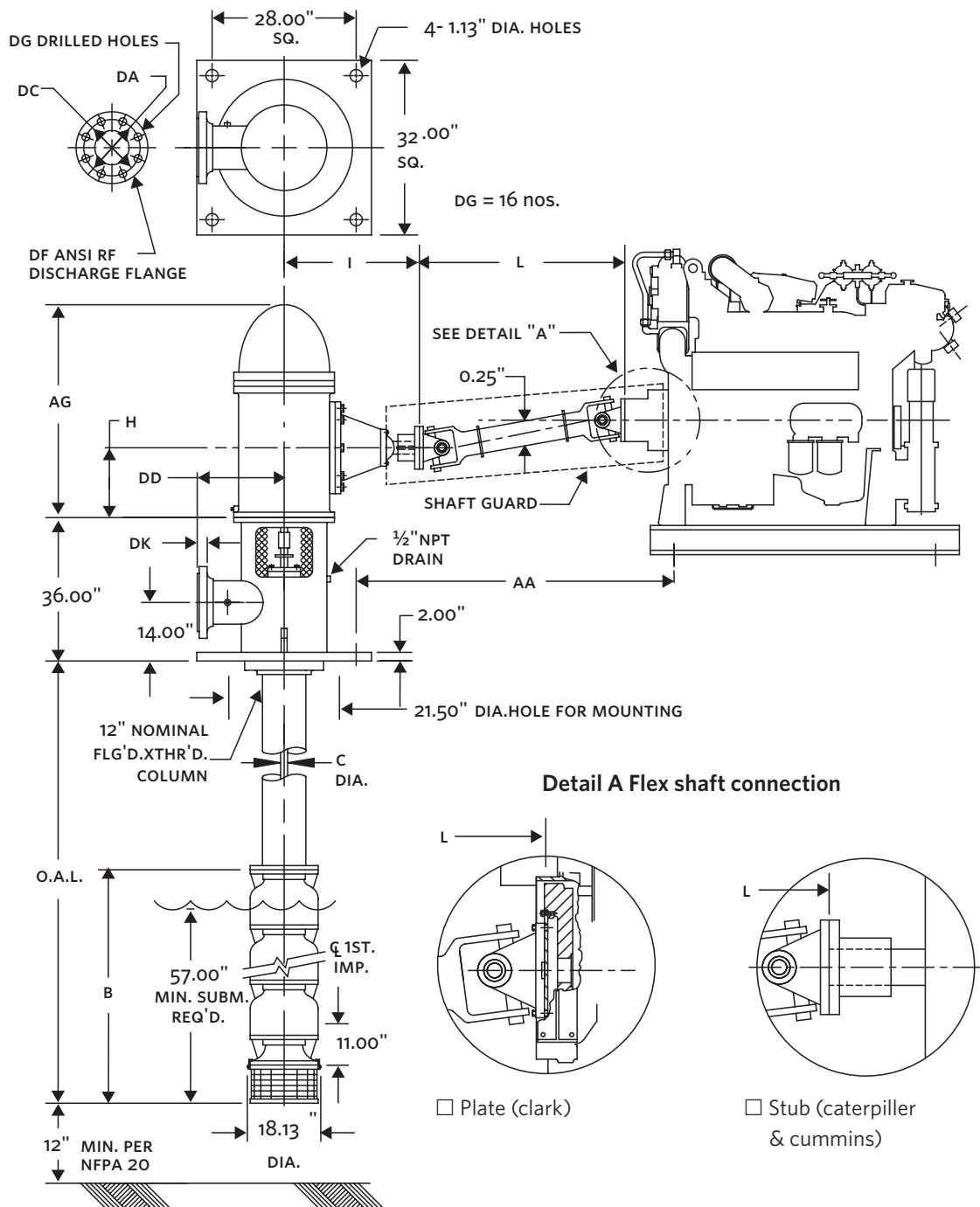


NO OF STG'S	DISCHARGE SIZE	RATING	RAGD	AG*	B	C	H*	I*	L	AA
	INCH (mm)		HP	INCH (mm)						
3	12.00 (305)	300	500-590	45.44 (1154)	66.50 (1689)	2.25 (57)	18.75 (476)	28.00 (711)	-	-
4	12.00 (305)	300	500-750	45.44 (1154)	79.00 (2007)	2.25 (57)	18.75 (476)	28.00 (711)	-	-

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

**SUBMITTAL**  
3500 GPM

Vertical turbine diesel Fire pump  
3500 GPM with 12x24½ Fabricated steel head



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