

VERTICAL TURBINE DIESEL FIRE PUMP | 12x18L VTF WITH 12x20 CAST IRON HEAD | SUBMITTAL

File No: F51.632
Date: APRIL 10, 2025
Supersedes: F51.632
Date: JULY 15, 2013

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

Model: 12x18L VTF **Discharge head:** 12x20 A

RPM: 1770 Water lube

3000 GPM: _____ T.D.H

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

NOTES

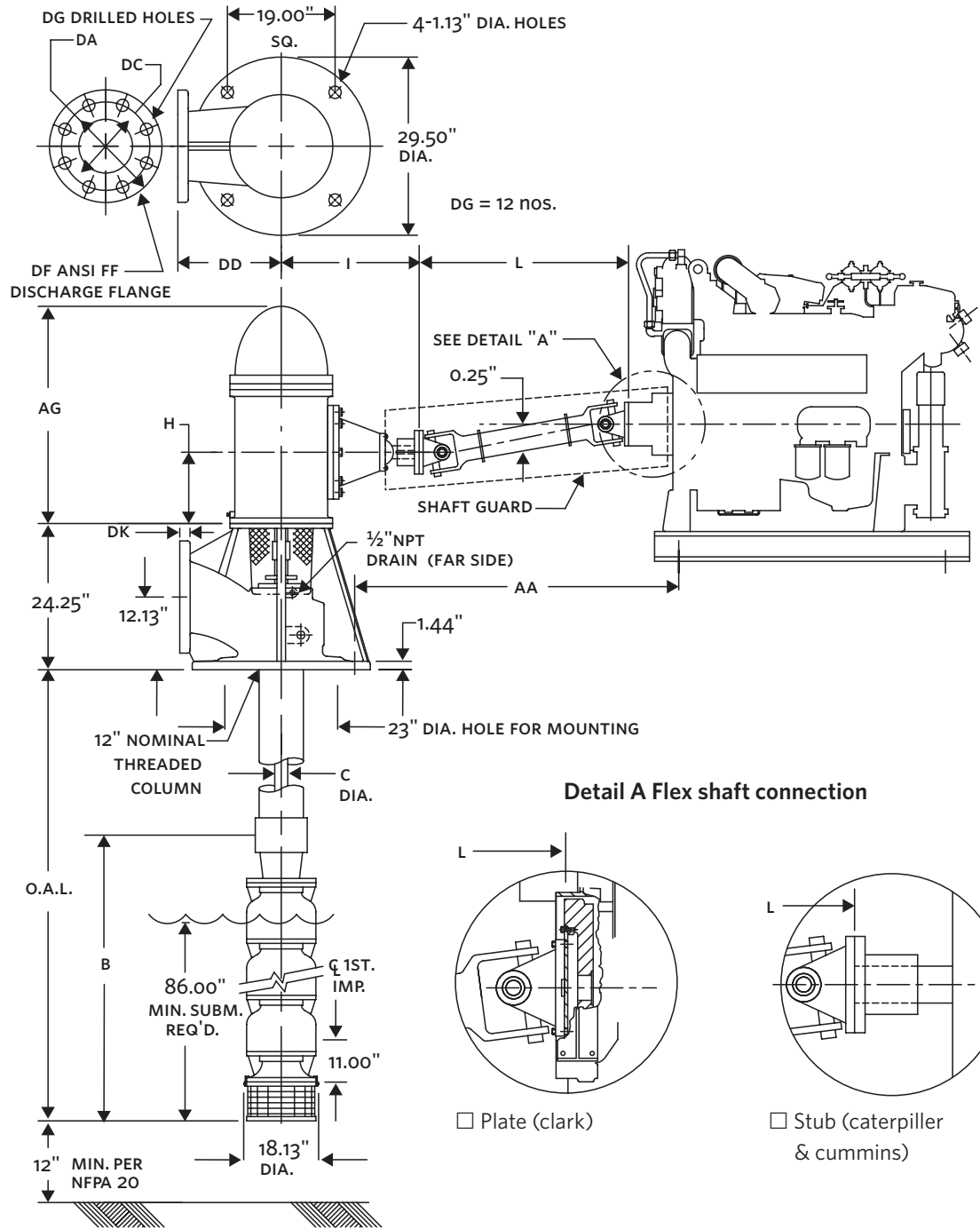
- Dimension based on randolph gear drive. May vary when driver adaptor is required.
- Dimensions are in inches unless otherwise indicated.
- Engine to base mounting and cooling loop to be field installed and plumbed.
- Engine oil & anti freeze/coolant may not be included.
- Gear shipped filled with oil. 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 #	19.00 (483)	17.00 (432)	16.50 (419)	12.00 (304)	1.00 (25)	1.25 (32)
250#	20.50 (521)	17.75 (451)	17.75 (451)	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)						
2	12.00 (305)	125	200-300	34.00 (864)	54.00 (1372)	1.69 (43)	13.75 (349)	21.75 (553)	—	—
2	12.00 (305)	125	300	34.00 (864)	54.00 (1372)	1.94 (49)	13.75 (349)	21.75 (553)	—	—
2	12.00 (305)	125	350	36.00 (914)	54.00 (1372)	1.94 (49)	13.75 (349)	21.75 (553)	—	—
3	12.00 (305)	250	350-400	36.00 (914)	66.50 (1689)	1.94 (49)	13.75 (349)	21.75 (553)	—	—

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



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