

VERTICAL TURBINE DIESEL FIRE PUMP | 1500 GPM WITH 8×16½ CAST IRON HEAD | SUBMITTAL

File No: F51.620
Date: JULY 15, 2013
Supersedes: F51.620
Date: AUGUST 15, 2005

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

Model: 8×12H VTF **Discharge head:** 8×16½ A

RPM: 1770 Water lube

1500 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 (343)	11.75 (299)	11.50 (292)	8.00 (203)	0.88 (22)	1.13 (29)
250#	15.00 (381)	13.00 (330)	12.00 (305)	8.00 (203)	1.00 (25)	1.63 (41)



NO OF STG'S	DISCHARGE SIZE	RATING	RAGD	AG*	B	C	H*	I*	L	AA
	INCH (mm)		HP	INCH (mm)						
4	8.00 (203)	125	125	27.00 (685)	69.19 (1757)	1.50 (38)	11.44 (291)	18.00 (457)	—	—
5	8.00 (203)	125	150-200	34.00 (864)	79.50 (2019)	1.50 (38)	13.75 (349)	20.94 (532)	—	—
5	8.00 (203)	250	200	34.00 (864)	79.50 (2019)	1.50 (38)	13.75 (349)	20.94 (532)	—	—
6	8.00 (203)	250	200	34.00 (864)	89.81 (2281)	1.50 (38)	13.75 (349)	20.94 (532)	—	—
6	8.00 (203)	250	250	34.00 (864)	89.81 (2281)	1.50 (38)	13.75 (349)	21.75 (553)	—	—
6	8.00 (203)	250	250	34.00 (864)	89.81 (2281)	1.69 (43)	13.75 (349)	21.75 (553)	—	—
7	8.00 (203)	250	250-300	34.00 (864)	100.13 (2543)	1.69 (43)	13.75 (349)	21.75 (553)	—	—
8	8.00 (203)	250	250-300	34.00 (864)	110.44 (2805)	1.69 (43)	13.75 (349)	21.75 (553)	—	—
9	8.00 (203)	250	300	34.00 (864)	120.75 (3067)	1.94 (49)	15.31 (389)	21.75 (553)	—	—
9	8.00 (203)	250	300	36.00 (914)	120.75 (3067)	1.94 (49)	15.31 (389)	21.75 (553)	—	—
10	8.00 (203)	250	300	36.00 (914)	131.06 (3329)	1.94 (49)	15.31 (389)	21.75 (553)	—	—

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

