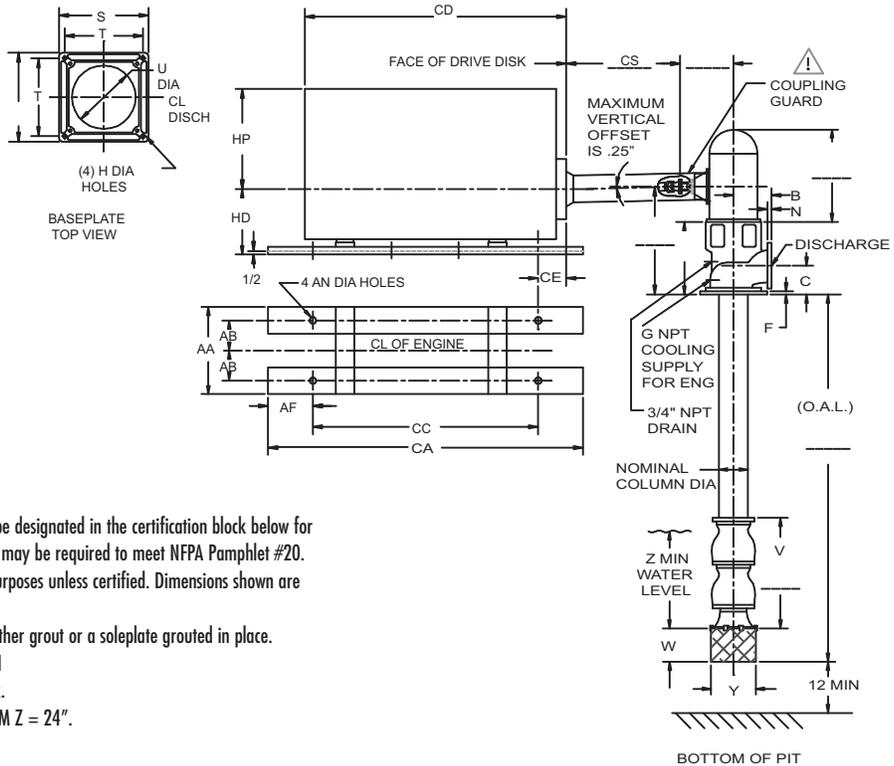


# AURORA FIRE PUMPS

## DIESEL DRIVEN VERTICAL TURBINE

Section **914** Page **205**  
 Date **May 2004**  
 Supersedes Section 914 Page 205  
 Dated June 2001



GEAR		
Mfg.	Ratio	Model

**NOTES**

1. Flange ratings are either 125# or 250# and will be designated in the certification block below for each order submittal. Reducers and/or increasers may be required to meet NFPA Pamphlet #20.
2. Not for construction, installation, or application purposes unless certified. Dimensions shown are typical and may vary due to various tolerances.
3. All bases are designed to have full contact with either grout or a soleplate grouted in place.
4. Limited to maximum working pressure of 175 PSI
5. CD, CE & CS are dimensioned to face of drive disk.
6. For 250 GPM Z = 21". For 300 GPM and 400 GPM Z = 24".

BOWL ASSEMBLY, COLUMN & SHAFTING								
Size & Model	# of Stages	Nominal Column Dia.		V		W	Y	Z
		UL & FM Water Lube Only	All Others	UL & FM Water Lube Only	All Others			
<b>10 FEM</b>	4	6	6	41	41	6	10	(6)
	Total Stages		Add 8-1/4 for each additional stage over 4 stages					
<b>11 FGM</b>	4	6	8	44-13/16	47-9/16	9	11-1/2	34
	Total Stages		Add 9-1/2 for each additional stage over 4 stages					

DISCHARGE HEADS & BASEPLATES											
Size		A	B	C	F	G	H	N	S	T	U
16-1/2	6 SDC	23	11-3/8	10	1-1/2	1	7/8	1-1/16	24	21	17-1/8
16-1/2	6 LAD	23	10-1/4	10	1-1/2	1	7/8	1-1/16	24	21	17-1/8

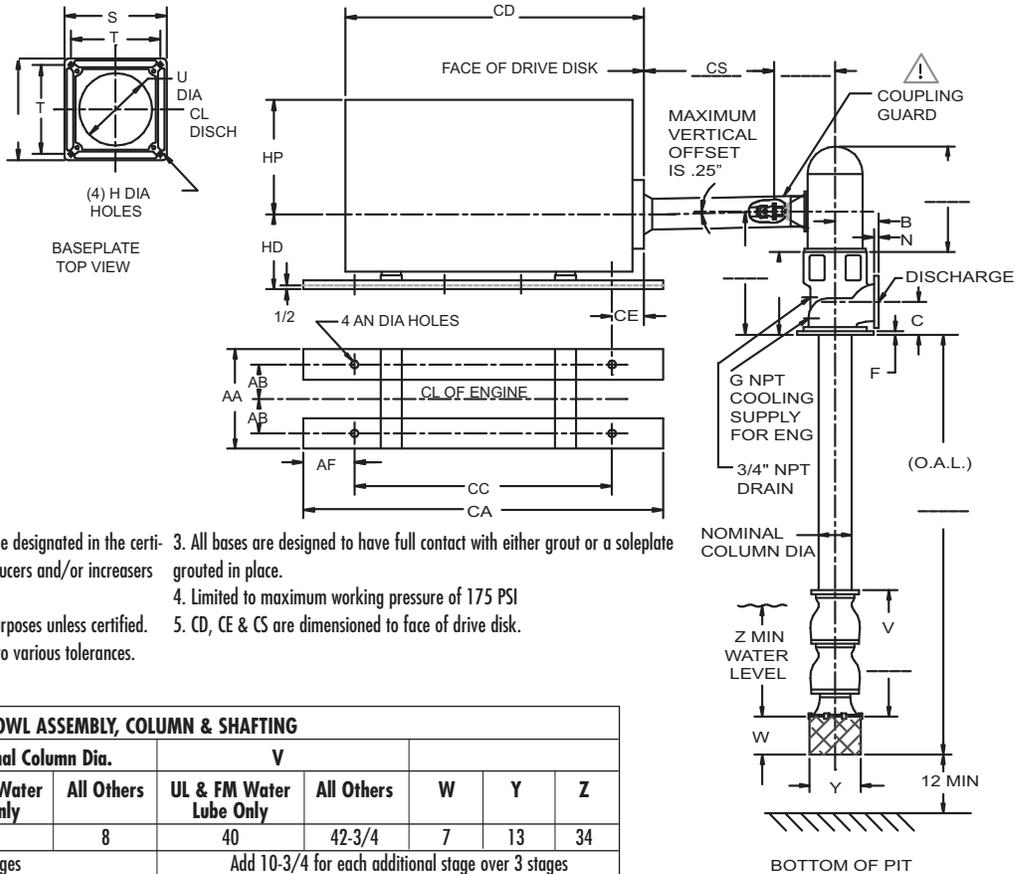
CLARKE JU4H DIESEL ENGINES												
MODEL	AA	AB	AF	AN	CA	CB	CC	CD	CE	CS	HD	HP
JU4HUF10	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10	20.25	40.5
JU4HUF20	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10	20.25	40.5
JU4HUF30	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45
JU4HUF40	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45

Customer:				P.O.#:				Dwg.#			
Job Name:						<input type="checkbox"/> UL <input type="checkbox"/> FM <input type="checkbox"/> CUL			Flange Rating: <input type="checkbox"/> 125# <input type="checkbox"/> 250#		
Model:			# Stages:		GPM:		PSI:		Max. Lift:		
Engine Mfg.:			Engine Model:			RPM:		HP:			
Certified By:					Date:						

地址： 苏州市金鸡湖路128号加城大厦6楼D4室  
 电话： 86-512-6762 8938   传真： 86-512-6762 8477

# AURORA FIRE PUMPS

## DIESEL DRIVEN VERTICAL TURBINE



GEAR		
Mfg.	Ratio	Model

**NOTES**

1. Flange ratings are either 125# or 250# and will be designated in the certification block below for each order submittal. Reducers and/or increasers may be required to meet NFPA Pamphlet #20.
2. Not for construction, installation, or application purposes unless certified. Dimensions shown are typical and may vary due to various tolerances.
3. All bases are designed to have full contact with either grout or a soleplate grouted in place.
4. Limited to maximum working pressure of 175 PSI
5. CD, CE & CS are dimensioned to face of drive disk.

BOWL ASSEMBLY, COLUMN & SHAFTING								
Size & Model	# of Stages	Nominal Column Dia.		V		W	Y	Z
		UL & FM Water Lube Only	All Others	UL & FM Water Lube Only	All Others			
<b>12 FCM</b>	3	8	8	40	42-3/4	7	13	34
	Total Stages		Add 10-3/4 for each additional stage over 3 stages					
<b>13 FGH</b>	4	8	10	61-13/16	65-1/4	11	13	34
	Total Stages		Add 13-1/16 for each additional stage over 4 stages					

DISCHARGE HEADS & BASEPLATES											
Size		A	B	C	F	G	H	N	S	T	U
12	6 SDH	20	11-1/2	7	1	3/4	1	1-3/8	21-1/2	17-5/32	14-1/2
16-1/2	8 SDC	23	11-3/8	10	1-1/2	1	7/8	1-3/16	24	21	17-1/8
16-1/2	8 LAD	23	11-3/8	10	1-1/2	1	7/8	1-3/16	24	21	17-1/8
16-1/2	6 LAD	23	10-1/4	10	1-1/2	1	7/8	1-1/16	24	21	17-1/8
16-1/2	6 SDH	20	11-1/2	7	1	3/4	1	1-3/8	21-1/2	17-5/32	14-1/2

CLARKE JU4H DIESEL ENGINES												
MODEL	AA	AB	AF	AN	CA	CB	CC	CD	CE	CS	HD	HP
JU4HUF10	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10	20.25	40.5
JU4HUF20	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10	20.25	40.5
JU4HUF30	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45
JU4HUF40	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45
JU4HUF50	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45

Customer:				P.O.#:				Dwg.#			
Job Name:				<input type="checkbox"/> UL <input type="checkbox"/> FM <input type="checkbox"/> CUL				Flange Rating: <input type="checkbox"/> 125# <input type="checkbox"/> 250#			
Model:		# Stages:		GPM:		PSI:		Max. Lift:			
Engine Mfg.:		Engine Model:		RPM:		HP:					
Certified By:				Date:							

# AURORA FIRE PUMPS

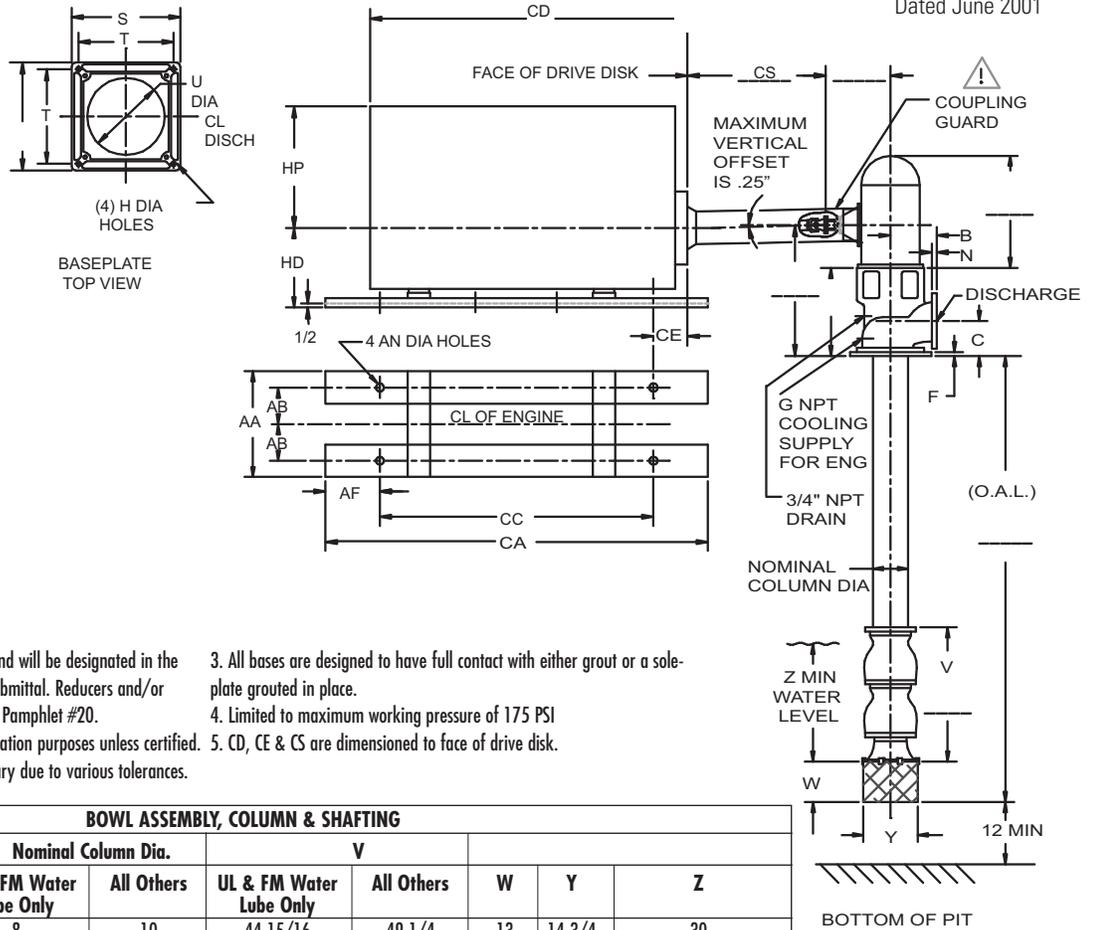
## DIESEL DRIVEN VERTICAL TURBINE

Section **914** Page **207**

Date **May 2004**

Supersedes Section 914 Page 207

Dated June 2001



GEAR		
Mfg.	Ratio	Model

**NOTES**

1. Flange ratings are either 125# or 250# and will be designated in the certification block below for each order submittal. Reducers and/or increasers may be required to meet NFPA Pamphlet #20.
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4. Limited to maximum working pressure of 175 PSI
5. CD, CE & CS are dimensioned to face of drive disk.

BOWL ASSEMBLY, COLUMN & SHAFTING								
Size & Model	# of Stages	Nominal Column Dia.		V		W	Y	Z
		UL & FM Water Lube Only	All Others	UL & FM Water Lube Only	All Others			
<b>14 FGM</b>	3	8	10	44-15/16	49-1/4	13	14-3/4	30
	Total Stages		Add 12-3/16 for each additional stage over 3 stages					
<b>15 FGH</b>	3	10	12	54-1/16	57-7/16	13	14-3/4	34 - 2000 GPM 46 - 2500 GPM
	Total Stages		Add 14-1/2 for each additional stage over 3 stages					

DISCHARGE HEADS & BASEPLATES											
Size		A	B	C	F	G	H	N	S	T	U
16-1/2	8 SDC	23	11-3/8	10	1-1/2	1	7/8	1-3/16	24	21	17-1/8
16-1/2	8 LAD	23	11-3/8	10	1-1/2	1	7/8	1-3/16	24	21	17-1/8
20	10 LAD	23	13-7/8	10-1/2	1-1/2	1	7/8	1-1/4	24	21	17-1/8

CLARKE JU4H DIESEL ENGINES												
MODEL	AA	AB	AF	AN	CA	CB	CC	CD	CE	CS	HD	HP
JU4HUF40	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45
JU4HUF50	32	15	5	1 x 2	40	N/A	30	35.75	2.68	10.5	20.25	45

Customer:				P.O.#:				Dwg.#			
Job Name:						<input type="checkbox"/> UL <input type="checkbox"/> FM <input type="checkbox"/> CUL			Flange Rating: <input type="checkbox"/> 125# <input type="checkbox"/> 250#		
Model:			# Stages:			GPM:		PSI:		Max. Lift:	
Engine Mfg.:			Engine Model:			RPM:		HP:			
Certified By:				Date:							

地址： 苏州市金鸡湖路128号加城大厦6楼D4室  
 电话： 86-512-6762 8938   传真： 86-512-6762 8477