BOWL ASSEMBLY

make:		model:		stages:
COS1:	GPM @	ft. TDH	% eff.	% BEP
COS2:	GPM @	ft. TDH	% eff.	% BEP
COS3:	GPM @	ft. TDH	% eff.	% BEP
certifications:	☐ NSF 61	☐ NSF 372	☐ ISO 9000	
certified performance test:	☐ non-witnessed	☐ witnessed		
strainer:	☐ none	☐ 304 SS cone	☐ 304 SS basket	
NSF 61 epoxy coatings:	☐ none	☐ interior	☐ exterior	

COLUMN ASSEMBLY

column length:	feet	column diameter:	inches	
column type:	☐ AWWA standard wall	☐ wall thickness	inches	
column construction:	☐ threaded & coupled	☐ flanged		
NSF 61 epoxy coatings:	☐ none	☐ interior	☐ exterior	
lineshaft construction:	☐ open lineshaft	☐ enclosed lineshaft		
lineshaft lubrication:	☐ water lube	☐ oil lube		
lineshaft material:	☐ carbon steel	☐ 416 SS	☐ 304/316 SS	
lineshaft diameter:	inches	☐ bearing spacing:	feet	

DISCHARGE HEAD

construction:	☐ cast iron	☐ fabricated steel (required for VFD)		
configuration:	☐ type L	☐ type F	☐ type T	☐ type UF
shaft sealing:	☐ packing	☐ mechanical seal	☐ oil lube	
discharge flange size:	inches			
discharge flange class:	☐ ANSI 125/150	☐ ANSI 250/300		
drive shaft material:	☐ carbon steel	☐ 416SS	☐ 304/316SS	
NSF 61 epoxy coatings:	☐ none	☐ interior	☐ exterior	

MOTOR

HP:	PH:	HZ:	VOLTS:	RPM:

configuration:	☐ vertical hollow shaft			
enclosure:	☐ WP1	☐ TEFC		
efficiency class:	☐ standard	☐ premium efficient		
VFD control:	☐ none	☐ inverty duty	☐ shaft grounding ring	
coupling type:	☐ non-reverse ratchet			
options:	☐ thermostats	☐ thermistors	☐ steady bushing	

INSTALLATION & STARTUP REQUIREMENTS

- ☐ measure & document shaft runout for each shaft - 0.002"/ft maximum
- ☐ measure & document length of each section of column and shaft
- ☐ measure & document shaft stickup after each section of column is assembled
- ☐ verify, check & document correct direction of motor rotation
- ☐ verify & document required lateral clearance allowing for shaft stretch
- ☐ adjust & document lateral clearance
- ☐ verify & document lineshaft lubrication requirements are satisfied
- ☐ check & document performance using field instrumentation
- ☐ measure & document vibration amplitude at 3 or more points on the motor
- ☐ include provisions for correcting any unsatisfactory conditions

NOTES & OTHER CONSIDERATIONS

- ☐ unit responsibility
- ☐ critical frequency analysis (VFD applications)
- ☐
- ☐
- ☐
- ☐
- ☐