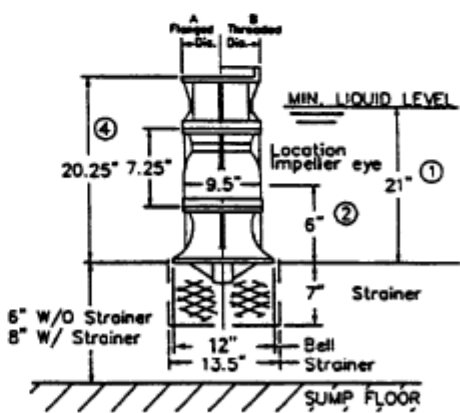


PERFORMANCE BASED ON PUMPING CLEAR WATER BELOW BSF. WITH LISTED MATLS. COLUMN LOSSES NOT INCLUDED.	IMPELLER STAGES	IMPELLER DIA. IN.	IMPELLER DIA. MM.	BRISTLE FACTORS AT BEP	IMPELLER LBS/FT ³	KG/CM ³	RPM	PUMP
BOWL - CAST IRON - LINED	3	9.50	241.3	STANDARD	2.25	3.35	3550	10ELM
IMPELLER - BRONZE	3	9.50	241.3	ENCLOSURE IMPELLER				CURVE NO.
				EYE AREA - 7.85 SQ. IN.			$N_p = 1620$	EC-2357

Column	Nom. Size	Max. GPM	*A* Flanged	*B* Threaded
Optional				
Standard	6"	600	9.50"	9.50"
Optional	8"	1500	11.38"	9.63"

RATINGS	
Max. Pressure = 472 psi based on Class 30 Iron bowls	
Impeller and Shaft Weight = 14 pounds per stage	
Pump Shaft	Diameter = 1.50 inches
	Max. HP. = 395 with 416 SS Pump Shaft
Line Shaft Size	1.00 1.25 1.50
Line Shaft H.P.	114 227 395

Additional Data	
Max. Operating Speed.	3600
Max. No. of Stages	20
Max. Sphere Size	.19
End Play	.56
WH 2 Per Stage	.47
Bowl Ring Clearance	.004 - .006
Impeller Running Clearance (3)	0.125



(1) Minimum submergence required to prevent vortex formation. The submergence needed to provide adequate NPSH to the first stage. Impeller may be greater or less than shown. The larger of the two values must be used to determine actual minimum allowable submergence.

(2) Location of eye of first stage impeller. Used to calculate NPSH. This is also the minimum priming submergence. (See note 1).

(3) Vertical Impeller to Bowl running clearance after shaft stretch.

(4) For Suction Case dimensions see sheets 20.25 and 20.27.

All Specifications Subject to Change Without Notice.