

AERO-MAX

Floating Surface Aerator



MODEL : AM-5-1200

Floating Type High Speed Surface Aerators

From

PEPL EQUIPMENTS

Parchure Engineers Private Limited

Pune , India.

Innovating Engineering

Specification Table – AM-5-1200

Sr. No.	Parameter / Specification	Value	Unit
01	MODEL	AM-5-1200	
02	MOTOR – POWER	05	HP
03	SPEED	1500	RPM
04	MAKE	CGL	
05	MOUNTING TYPE	FLANGE TYPE	
06	INSULATION CLASS	F	CLASS
07	SERVICE FACTOR	1.15	
08	SUPPLY	3 , AC	PHASE
09	VOLTAGE	415	V
10	FLOAT MOC	AISI 304	GRADE
11	FLOAT BUOYANCY (Including 300 Kg. Reserve Buoyancy)	600	KG.
12	EQUIPMENT WEIGHT INCLUDING FLOAT	300	KG.
13	FLOAT DIAMETER	1500	MM
14	FLOAT WIDTH	250	MM
15	INSIDE DIAMETER OF FLOAT	300	MM
16	DEFLECTOR UNIT	SS 304	GRADE
17	PROPELLER – 2 BLADE DYNAMICALLY BALANCE CAST STEEL -	SS 316	GRADE
18	PROPELLER DIAMETER	200	MM
19	DRAFT TUBE / VOLUTE MOC	SS 316	GRADE
20	DRAFT TUBE / VOLUTE INNER DIAMETER	220	MM
21	INTAKE CONE MOC	SS 316	GRADE
22	INTAKE CONE DIAMETER – INLET	300	MM
23	INTAKE CONE HEIGHT	150	MM
24	SHAFT , 40 MM DIAMETER	SS 304	GRADE
25	COUPLING – LOVE JOY	CAST IRON	FG 200
26	BEARINGS	SKF	MAKE
27	MOTOR BODY	CAST IRON	FG 200
28	FLOW DISTRIBUTION DIVERTER	SS 304	GRADE
29	MOTOR GUIDE FLANGE	SS 304	GRADE
30	OXYGENATION CAPACITY	1.60	KG / KWH
31	FASTENERS	SS 304	GRADE
32	SURFACE PREPARATION	EPOXY PAINTED FOR ALL NON-STAINLESS STEEL COMPONENTS	
33	NAME PLATE	SS 304	GRADE
34	MOORING I BOLT	SS 304	GRADE
35	MOORING ROPE	PP	MOC
36	MOORING ROPE LENGTH	40	MTR.
37	STARTER – 01 NO.S	STAR DELTA	TYPE