

kds PUMPS

- the heart of Industry



 **One Stop
Pumping Solution...**



VERTICAL ELECTRIC SUBMERSIBLE JET AERATOR PUMP

➔ APPLICATION:

Waste Water Treatment aeration and agitation.

Mixing and Stirring application for uniform MLSS,

Easy reduction in BOD level from waste water.

➔ SPECIFICATION

High Oxygen Transfer Rate.

Range :1.1 KW/1.5 HP to 5.5KW/7.5 HP

Speed:2880 RPM (2 POLE)

Degree of Protection: As Per IP : 68

Insulation class: F

Version: AC 50Hz, Single Phase upto 2hp & 3 Phase upto 7.5 hp

Motor: Copper Winding

Motor Type: Dry/Oil Filled

Direction Of Rotation: Clockwise viewed from driving end

Duty:S1

Pump Moc :CI/SS304/SS316

Sealing: Double Mechanical Seal With Customized Faces



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TABLE SELECTION CHART FOR JET AERATOR PUMP									
PUMP MODEL	Motor Rating		DEL	Phase	RPM	RATED AIR	AERATION TANK		
	KW	HP	MM			M3/HR	L (M)	W (M)	H (M)
KVJA 112AE	0.75	1	50	1	2850	11	3	3	3
KVJA 132AE	0.75	1	50	3	2850	11	3	3	3
KVJA 1512AE	1.1	1.5	50	1	2850	22	3	3	3
KVJA1532AE	1.1	1.5	50	3	2850	22	3	3	3
KVJA 212AE	1.5	2	50	1	2850	25	4	3.5	3
KVJA 232AE	1.5	2	50	3	2850	25	4	3.5	3
KVJA 333AE	2.2	3	80	3	2850	42	5	4.5	4
KVJA 534AE	3.7	5	100	3	2850	72	6	5	5
KVJA 7534AE	5.5	7.5	100	3	2850	100	7	6.5	6

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