



Single Phase Surface Sewage Monobloc - SMB Series

HP Range : 1.0 - 3.0 hp
Discharge : 740 - 27 lpm
Head Range : 6 - 21 Mts
Insulation : Class 'B'
Speed : 2880 rpm



Jet Centrifugal Monobloc - JMV Series

HP Range : 0.5 - 1.5 hp
Discharge : 53 - 2 lpm
Head Range : 10 - 90 Mts
Category : Class 'B'
Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" SMB SERIES SURFACE SEWAGE MONOBLOC AT 2880 RPM, SINGLE PHASE, AC, 50 HZ SUPPLY

S.No.	PUMP MODEL	HP/kw	PIPE SIZE (mm)	TOTAL HEAD IN METRES	6	9	12	15	18	21
					DISCHARGE IN LPM					
1	SMB 40	1.0/0.75	50 X 50		300	260	210	130		
2	SMB 50	1.5/1.1	50 X 50		300	260	210	154	83	27
3	SMB 80	3.0/2.20	75 X 75		740	610	465	275		

PERFORMANCE OF MAHENDRA JMV SERIES JET CENTRIFUGAL PUMPS AT 2880 RPM, 220 VOLTS, SINGLE PHASE, AC, 50 HZ SUPPLY

S.No.	PUMP MODEL	HP/kw	PIPE SIZE(mm)			BORE SIZE IN mm	JET ASSY.	DEL. HEAD IN MTRS	CAPACITOR IN MFD	DELWL IN MTRS	DISCHARGE IN LPM																			
			SUC	PRES	DEL						10	13	15	18	20	22	25	27	30	32	35	37	40	44	48	52				
1	JMV 30	0.5/0.37	32	25	25	100	MJ1	12	20	DISCHARGE IN LPM	27	27	26	25	24	19	16	13	11	8	6	5								
2	JMV 30	0.5/0.37	32	25	25	100	MJ12	12	20		53	44	35	26	24															
3	JMV 50	1.0/0.75	32	25	25	100	MJ2	15	25				28	26	24	19	18	17	16	15	14	13	12	10	7	6				
4	JMV 50	1.0/0.75	32	25	25	100	MJ6	15	25				31	28	23	20	15	13	12	11	9	8	6	5						
5	JMV 70	1.0/0.75	40	32	25	115	MJ3	15	25				42	38	33	29	26	23	18											
6	JMV 70	1.0/0.75	40	32	25	115	MJ4	15	25					55	47	46	40	33	28	20	15	14	10	5						
7	JMV 70	1.0/0.75	40	32	25	115	MJ7	15	25					28	25	22	19	17	16	14	12	11	10	8						
8	JMV 70	1.0/0.75	40	32	25	115	MJ11	15	25					45	44	41	35	31	28	23										
9	JMV 90	1.5/1.1	32	25	25	100	MJ2	15	40				37	35	32	31	29	27	26	24	23	18								
10	JMV 90	1.5/1.1	32	25	25	100	MJ6	15	40				34	32	30	29	27	26	25	24	23	21	17	16	15					
11	JMV 100	1.5/1.1	40	32	25	115	MJ3	15	40				44	42	38	36	35	33												
12	JMV 100	1.5/1.1	40	32	25	115	MJ4	15	40				36	35	33	32	31	30	29	28	26	25	24							
13	JMV 100	1.5/1.1	40	32	25	115	MJ7	15	40				35	34	33	32	31	29	27	26	25	23	21	18	14					
14	JMV 50HH	1.0/0.75	32	25	25	100	MJ16	15	25				20	25	30	35	40	45	50	55										
										DELWL IN MTRS DISCHARGE IN LPM	20	17	13	10	8	6	4	2												

PERFORMANCE OF MAHENDRA TWO STAGE JET CENTRIFUGAL MONOBLOC PUMPS AT 2880 RPM, 220 VOLTS, SINGLE PHASE, AC, 50 HZ SUPPLY

S.No.	PUMP MODEL	HP/kw	PIPE SIZE(mm)			BORE SIZE IN mm	JET ASSY.	DEL. HEAD IN MTRS	CAPACITOR IN MFD	DELWL IN MTRS	DISCHARGE IN LPM																	
			SUC	PRES	DEL						20	25	30	35	40	45	50	55	60	70	80	90						
15	JMV 50DS	1.0/0.75	32	25	25	100	MJ 16	15	25	DISCHARGE IN LPM	15	14.5	14	13.5	13	12	10	7	5	4	3							
16	JMV 180DS	1.5/1.1	32	25	25	100	MJ 18	15	40		15.5	15	14.5	14	13.5	13	12.5	12	11	8	5	3						