

### SUBMERSIBLE PUMPSETS - 150 MM (6")

Approximate Performance Data at 2880 RPM 380-415 Volts Three Phase 50Hz, A.C.Supply

### MSB SERIES (MIXED FLOW)

Maximum Outer Diameter : 143 mm



PUMP MODEL	KW	HP	STAGE	OUTLET SIZE IN INCH	LPS	0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10		
						LPM	0	270	300	330	360	390	420	450	480	510	540	570	600	
MSB 10/03	2.2	3.0	03	2.5	TOTAL HEAD IN METERS	30	26	25	24	23	22	21	20	18	17	14				
MSB 10/04	3.0	4.0	04	2.5		40	34	33	32	31	30	28	26	24	23	19				
MSB 10/05	3.7	5.0	05	2.5		49	42	41	40	39	37	36	34	32	30	24				
MSB 10/06	4.5	6.0	06	2.5		59	51	50	48	47	45	43	41	38	37	34				
MSB 10/07	5.5	7.5	07	2.5		69	59	58	56	55	52	50	48	46	44	41				
MSB 10/08	5.5	7.5	08	2.5		80	68	66	64	62	59	56	52	49	46	44				
MSB 10/10	7.5	10.0	10	2.5		99	85	83	80	78	74	70	65	62	59	56				
MSB 10/12	9.3	12.5	12	2.5		118	102	99	96	94	89	84	81	78	73	68				
MSB 10/15	11.0	15.0	15	2.5		148	127	124	120	117	111	105	102	96	91	84				
MSB 10/20	15.0	20.0	20	2.5		198	170	166	160	156	151	148	140	132	124	114				
MSB 12/04	3.7	5.0	04	2.5		40			35	34	33	32.5	32	31.5	31	30	29	27		
MSB 12/05	4.5	6.0	05	2.5		50			44	43	42	41	40	39	38	37	36	35		
MSB 12/06	5.5	7.5	06	2.5		60			52	51	50	49	48	47	46	45	44	41		
MSB 12/07	5.5	7.5	07	2.5		70			60	59.5	59	58	56	55	54	53	51	48		
MSB 12/08	7.5	10.0	08	2.5		80			69	68	67	66	64	63	62	60	58	55		
MSB 12/10	9.3	12.5	10	2.5		100			93	91	90	87	84	79	78	75	73	69		
MSB 12/12	11.0	15.0	12	2.5	120			110	108	106	104	100	96	93	90	87	83			
MSB 12/14	13.0	17.5	14	2.5	140			122	119	118	116	112	110	109	105	102	101			
MSB 12/16	15.0	20.0	16	2.5	160			138	136	134	132	128	126	124	120	116	110			

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Maximum Outer Diameter : 143 mm

PUMP MODEL	KW	HP	STAGE	OUTLET SIZE IN INCH	LPS	0	7.5	8.0	8.5	9.0	9.5	10	10.5	11	12	13	14	15	16	18
						LPM	0	450	480	510	540	570	600	630	660	720	780	840	900	960
MSB 15/03	3.7	5.0	03	2.5	TOTAL HEAD IN METERS	34	27	26	25	24	23	22	21	19	16	14				
MSB 15/04	4.5	6.0	04	2.5		43	37	36	35	34	33	32	31	29	26	23				
MSB 15/05	5.5	7.5	05	2.5		54	47	46	45	44	43	42	40	38	30	28				
MSB 15/07	7.5	10.0	07	2.5		82	71	68	66	62	57	49	46	43	35	30				
MSB 15/08	9.3	12.5	08	2.5		88	72	70	68	66	62	58	56	54	50	40				
MSB 15/10	11.0	15.0	10	2.5		108	94	92	88	86	84	70	66	62	55	46				

	PUMP MODEL	KW	HP	STAGE	OUTLET SIZE IN INCH	LPS		0	7.5	8.0	8.5	9.0	9.5	10	10.5	11	12	13	14	15	16	17	18	19	20
						LPM		0	450	480	510	540	570	600	630	660	720	780	840	900	960	1020	1080	1140	1200
						TOTAL HEAD IN METRES																			
	MSB 15/12	15.0	20	12	2.5		130	105	104	100	96	90	85	80	72	60	55								
	MSB 20/03	3.7	5.0	03	3.0		38		30	29	27	25	24	23	22	21	20	18	16						
	MSB 20/04	5.5	7.5	04	3.0		52		40	39	36	34	32	31	30	28	27	24	22						
	MSB 20/06	7.5	10	06	3.0		78		60	56	54	50	48	46	44	42	40	38	32						
	MSB 20/07	9.3	12.5	07	3.0		90		70	68	63	62	56	54	52	49	47	43	38						
	MSB 20/08	11.0	15.0	08	3.0		104		80	78	72	70	64	62	60	56	54	48	44						
	MSB 20/12	15.0	20.0	12	3.0		156		120	116	108	104	96	92	90	84	81	73	65						
	MSB 20/14	18.5	25	14	3.0		181		139	135	126	121	112	107	104	98	94	85	75						
	MSB 25/02	3.7	5.0	02	3.0		23				19.5	19	18.5	18	17.5	17	16	15	14	13	12	10.5			
	MSB 25/03	4.5	6.0	03	3.0		34				29.5	29	28	27	26.5	26	24	23	21	19.5	18	15.5			
	MSB 25/04	5.5	7.5	04	3.0		47				39	38	37.5	37	36	34	32	31	28	26	23	20.5			
	MSB 25/05	7.5	10.0	05	3.0		58				49	48	47	45	44	43	41	38	36	33	30	26			
	MSB 25/06	9.3	12.5	06	3.0		69				58.5	57	56	55	54	53	50	47	43	40	36	32			
	MSB 25/07	11.0	15.0	07	3.0		81				68.5	67	65	63	62	60	58	54	50	47	42	37			
	MSB 25/08	15.0	20.0	08	3.0		88				78	76	75	73	72	68	64	60	56	52	48	42			
	MSB 25/09	15.0	20.0	09	3.0		94				86	85.5	83.5	81	79	76.5	72	68	63	59	54	47			
	MSB 25/10	15.0	20.0	10	3.0		116				98	96	95	93	90	88	86	82	76	72	64	54			
	MSB 25/12	18.5	25.0	12	3.0		138				117	115	113	110	107	104	100	96	89	85	78	70			
	MSB 25/03	5.5	7.5	03	3.0		36						32	31	30	29	28.5	28	27	25	23	21	18	15	
	MSB 25/04	7.5	10.0	04	3.0		48						42	41	40	39	38	37	35	33	31	28	24	20	
	MSB 25/05	9.3	12.5	05	3.0		60						53	52	51	49	47.5	46	44	41	39	35	30	25	
	MSB 25/06	11.0	15.0	06	3.0		72						63	62	60	58	57	55	53	50	47	42	35	29	
	MSB 25/07	13.0	17.5	07	3.0		85						74	72	70	68	66	64	61	58	54	49	42	35	
	MSB 25/08	15.0	20.0	08	3.0		96						85	83	81	78	76	74	71	66	62	57	49	41	
	MSB 25/10	18.5	25.0	10	3.0		120						107	103	100	97	94	92	88	83	78	71	60	50	

- Note :**
- The performance data is only indicative and measured at rated voltage. The actual discharge depends on yield of Bore well, Height of water column and submergence of the pump.
  - The pipe friction losses are not calculated.
  - In view of continuous developments the informations/descriptions/specifications are subject to change without notice.

**Conversions :**      1 Metre = 3.28 Feet                      1 Inch = 25.4 mm                      1 Imperial gallon = 4.546 litres