



HORIZONTAL OPENWELL SUBMERSIBLE MONOBLOCK PUMPSETS

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



MHS SERIES

PUMP MODEL	K.W.	HP	PUMP SIZE (IN MM)	LPS LPM	0	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	36	42	50			
					0	240	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620	1680	1740	1800	1860	2160	2520	3000			
MHS 2	2.2	3	65x50	TOTAL HEAD IN METRES	25			24	23	22	21	20	19	17	16	14																							
MHS 2H	2.2	3	65x50		27					26.5	26	25.5	24	22.5	21																								
MHS 2M	2.2	3	65x50		30			29	26.5	25	22.5	20	15																										
MHS 4	3.7	5	65x50		30						28	26.9	26	24.4	22.8	14	62	60	43																				
MHS 4H	3.7	5	65x50		42			40	39	38	35	30																											
MHS 6	3.7	5	75x65		31					28	27.5	27	26	25	24	23	20																						
MHS 8	5.5	7.5	65x50		35			33.8	33.7	33	32	31	29.6	28	26	22																							
MHS 8H	5.5	7.5	60x50		50				48	43	38	35	30	28																									
MHS 10	5.5	7.5	75x65		32										28	26.8	24	20	13.4																				

- Note :**
- ➔ The performance data is only indicative and measured at rated voltage. The actual discharge depends on yield of Borewell, Height of water column and submergence of the pump.
 - ➔ The Pipe friction losses are not calculated.
 - ➔ When calculating the total head, the frictional loss of pipes, loss due to bends, elbow, 'T' s etc, should be added for good performance select the pump with 80% of its maximum working capacity specified in the performance chart.
 - ➔ During the selection of the pump, consideration should be made for voltage available at running conditions, If the voltage is below 180 V do not recommend the pump more than 60% of its maximum working head mentioned in the chart.
 - ➔ Water hammering can be avoided by installing a NRV just above the pump set.
 - ➔ Provide minimum number of bends, Elbow and 'T' to get good performance.
 - ➔ Avoid usage of low quality plastic pipes.
 - ➔ In view of continuous developments the in formations / descriptions / specifications are subject to change without notice.
 - ➔ The pipe sizes mentioned in mm are nearest conversion of inches. Actual pipe threads are as per BSP standard.

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