



HORIZONTAL OPENWELL SUBMERSIBLE MONOBLOCK PUMPS
Approximate Performance Data at 2880 RPM 380-415 Volts Three Phase 50Hz, A.C. Supply
MHS SERIES

PUMP MODEL	KW	HP	PUMP SIZE (IN MM)	LPS	TOTAL HEADS																																	
					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		
MHS 2	2.2	3.0	65x50	26				22	21	19	17	14	11	8																								
MHS 2M	2.2	3.0	65x50	32			26	24	21	18	16	13																										
MHS 12	2.2	3.0	75x65	24			22	20	21	20	19	18	16	14	12	10																						
MHS 4	3.7	5.0	65x50	31				28	27	25	23	20	18	13																								
MHS 4M	3.7	5.0	65x50	42				35	34	31	29	27	24	21																								
MHS 6	3.7	5.0	75x65	31				27	26	25	24	22	21	19	18	16	13																					
MHS 7	4.5	6.0	65x50	33				32	31.5	30.5	30	29	28	27	26	25	24																					
MHS 7H	4.5	6.0	65x50	47		42	39	36	32	29	24																											
MHS 8	5.5	7.5	65x50	39				37	36	35	33	32	31	29	28	26	25																					
MHS 8H	5.5	7.5	65x50	52		47	45	42	38	33	28																											
MHS 10	5.5	7.5	75x65	37						34	33	32	31	30	29	28	26																					

- 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.
 - When calculating the total head, the frictional loss of pipes, loss due to bends, Elbows, '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 the voltage available at running Condition. 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, Elbows and 'T' to get good performance.
 - Avoid usage of low quality plastic pipes.
 - In view of continuous development, the information / descriptions / specifications are subject to change without notice.
- The pipe size 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