MONOTEX PUMPSETS

Prompt™

CENTRIFUGAL MONOBLOCK PUMPS

Approximate Performance Data at 2880 RPM 200-240 Volts Single Phase 50Hz, A.C.Supply

HCM SERIES

TECMO PUMPSETS

PUMP MODEL	KW	HP	PUMP SIZE (IN MM)	TOTAL HEAD IN METRES / FEET																		
				6	8	9	10	12	14	15	16	18	20	22	23	24	26	27	28	30	32	34
				20	26	30	33	39	46	49	53	59	66	72	75	79	85	89	92	99	105	112
				DISCHARGE IN LITRES PER HOUR																		
HCM 106	0.37	0.5	40x40		19100	18300	16500	12000	10300	0												
HCM 16	0.37	0.5	50x50	19500	18400	18200	17800	16800	12500	10170	7600	0										
HCM 1007/107	0.37	0.5	25x25	8500	8300	8000	7800	7550	7100	6800	6000	4300	0									
HCM 108/108AL	0.37	0.5	25x25	8600	8450	8300	8200	8050	7750	7700	7600	7400	6000	3100	2000	0						
HCM 109/109AL	0.37	0.5	25x25	8200	8000	7800	7600	7400	6700	4900	3600	0										
HCM 110	0.37	0.5	32x25	9800	9600	9400	9300	9200	9000	8800	8700	8600	7200	0								
HCM 120	0.37	0.5	50x40		16500	15000	12000	11000	9500	7200	4500	0										
HCM 115	0.55	0.75	25x25			8400	8200	7800	7400	7000	6600	6400	6300	6100	6050	5950	5450	5200	0			
HCM 1100	0.75	1.0	25x25			8500	8450	8350	8200	8100	8050	8000	7900	7800	0							
HCM 1160/160	0.75	1.0	32x25			16600	16450	16250	16000	14400	12500	10800	9000	6500	0							
HCM 165	0.75	1.0	25x25		6800	6700	6600	6550	6500	6450	6350	6200	6000	5900	5500	4750	3500	1500	0			
HCM 1165	0.75	1.0	32x25			9100	9000	8900	8800	8700	8650	8500	8300	8000	7900	7400	6300	4600	0			
HCM 1170	0.75	1.0	40x32				14040	13320	12600	12450	11700	10400	8300	4500	3000	0						
HCM 1175	0.75	1.0	25x25			9000	8800	8400	8000	7600	7500	7350	7200	7150	7100	7000	6900	6700	5700	2900	0	
HCM 1275	0.75	1.0	25x25			7000	6850	6700	6600	6400	6200	6000	5800	5600	5200	4900	4600	4300	4000	2800	2200	1500
HCM 1180/180	0.75	1.0	40x40			16800	15900	14600	12000	0												
HCM 1185/185	0.75	1.0	40x40			14400	13200	12800	11600	10900	10200	8700	7000	4500	0							
HCM 1150/150	0.75	1.0	50x40		21000	20000	18500	17500	14400	10500	0											
HCM 1190/190	0.75	1.0	50x50		25400	21600	17800	9000	0													
HCM 1195/195	0.75	1.0	50x50	21500	20500	19000	18000	14800	10800	0												
HCM 1225	0.75	1.0	80x80	40000	32500	30000	25000	0														
HCM 1235	0.75	1.0	80x65	38100	32300	28000	23000	12000	0													
HCM 1545	1.10	1.5	40x40				12900	12700	12500	12400	12300	12200	11800	11200	11000	10600	8100	5000	0			
HCM 1550	1.10	1.5	50x40				22200	20900	19350	18450	17300	16100	14100	9050	0							
HCM 1550 E	1.10	1.5	50x40				19700	18400	16850	15950	14800	13600	11600	8050	0							
HCM 1555	1.10	1.5	50x40				14000	13700	13500	13400	13200	13000	12800	12100	11600	11200	8000	5500	4000	0		
HCM 1560	1.10	1.5	50x50				31000	27600	22800	22200	22000	16200	0									
HCM 1560 E	1.10	1.5	50x50				26350	23450	19380	18850	18700	13700	0									
HCM 1565	1.10	1.5	50x50				23000	21500	19850	19000	17800	16600	14600	9700	0							
HCM 1570	1.10	1.5	65x50		35800	32300	26500	22500	16200	0												

PUMP MODEL	KW	HP	PUMP SIZE (IN MM)	TOTAL HEAD IN METRES / FEET																	
				6	8	9	10	12	14	15	16	18	20	22	23	24	26	27	28	30	32
				20	26	30	33	39	46	49	53	59	66	72	75	79	85	89	92	99	105
				DISCHARGE IN LITRES PER HOUR																	
HCM 1580	1.10	1.5	65x50		36360	34740	33840	29880	23400	20340	0										
HCM 1580 E	1.10	1.5	65x50		30900	29500	28700	25400	19900	17300	0										
HCM 1590	1.10	1.5	80x65	44500	37500	32500	29500	25500	12000	0											
HCM 1600	1.10	1.5	80x80	46500	39500	34500	28000	22000	0												
HCM 2020	1.50	2.0	50x50					35000	31500	28500	25500	22500	16500	0							
HCM 2025	1.50	2.0	50x50					28200	27500	26500	25500	22000	19000	15000	11500	7000	0				
HCM 2025 E	1.50	2.0	50x50					22500	22000	21200	20400	17600	15200	12000	9200	5600	0				
HCM 2030	1.50	2.0	65x50					36500	33000	30000	27300	24000	18000	0							
HCM 2030 E	1.50	2.0	60x50					36500	28050	25500	23200	20400	15300	0							
HCM 2040	1.50	2.0	50x40								16500	15600	15000	14500	14300	13900	12300	9000	7400	0	
HCM 2045	1.50	2.0	50x50								17500	16400	15700	15100	14800	14300	12800	9200	7600	0	
HCM 2050	1.50	2.0	80x65	52500	48200	45600	42500	39000	31000	28000	0										
HCM 2050 E	1.50	2.0	80x65	44625	40970	38760	36125	33150	26350	23800	0										
HCM 2060	1.50	2.0	80x80	54500	51000	46000	41500	37500	29000	0											
HCM 2060 E	1.50	2.0	80x80	46325	43350	39100	35275	31875	24650	0											

Note :

- ⇨ The performance data are based on rated supply voltage mentioned in the name plate
- ⇨ Pipe friction losses are not included.
- ⇨ Total Head=suction head + Delivery head + Friction losses in the pipes + Bends, Elbows 'T's etc.
- ⇨ The self-priming time depends upon the static suction and Installation conditions.
- ⇨ In view of continuous developments, the information / 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