CENTRIFUGAL MONOBLOCK PUMPS

APPROXIMANTE PERFORMANCE DATA AT 2880 RPM 200-240 VOLTS, SINGLE PHASE 50Hz, A.C. SUPPLY

HCM SERIES

Since 1979 TECMO PUMPSETS

PUMP MODEL	K.W.	HP	PUMP SIZE (IN MM)	TOTAL HEAD IN METERS/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 105	0.37	0.5	25X25	3250	3100	2950	2800	2650	2500	2350	2200	2050	1900	1750	1600	1450	1300	1150	1000	850	0	0
HCM 106	0.37	0.5	40X40	-	19100	18300	16500	12000	10300	0												
HCM 1006	0.37	0.5	40X40	18500	18000	17500	1550	10000	0													
HCM 1007/107	0.37	0.5	25X25	8500	8300	8000	7800	7550	7100	6800	6000	4300	0									
HCM 108/108 AL	0.37	0.5	25X25	8600	8450	8300	8200	8050	7750	7700	7600	7400	6000	3100	2000	0						
HCM 109/109 AL	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 16	0.37	0.5	50X50	21000	19000	15000	9000	0														
HCM 116	0.75	1.0	32X25	-	-	-	8000	7500	7000	6700	6500	6200	5800	5500	5200	4000						
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	6500	6550	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	6860	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	15900	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	K.W.	HP	PUMP SIZE (IN MM)	TOTAL HEAD IN METERS/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	0									
HCM 2050 E	1.50	2.0	80X65	44625	40970	38760	36125	33150	26350	23800	0	0									
HCM 2060	1.50	2.0	80X80	54500	51000	46000	41500	37500	29000	0											
HCM 2060E	1.50	2.0	80X80	46225	43350	39100	35275	31875	24650	0											

Ecomac®

CENTRIFUGAL MONOBLOCK PUMPS

APPROXIMANTE PERFORMANCE DATA AT 2880RPM 200-240VOLTS, SINGLE PHASE, A.C. SUPPLY

TMJ SERIES (STAGE MONOBLOCK)

Since 1979 TECMO PUMPSETS

PUMP MODEL	K.W.	HP	STAGE	PUMP SIZE (IN MM)	TOTAL HEAD IN METERS/FEET																	
					10	14	18	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
					33	46	59	72	79	85	92	99	105	112	118	125	132	138	145	151	158	165
					DISCHARGE IN LITRES PER HOUR																	
TDM 1130	0.75	1.0	2	25X25	-	-	-	-	6500	6000	5700	5300	5000	4500	4000	3200	2500	0				
TDM 1530	1.10	1.5	2	25X25	-	-	-	-	-	-	7400	7300	7200	7000	6600	6200	5800	5400	3600	2500	0	

Note :

The performance date are based on rates supply voltage mentioned in the nameplate
Pipe friction lossess 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 in formations / 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 = 2.54 mm 1 Imperial gallon = 4.546 litres