SHAKTI
PUMPING LIFE

SOLAR PUMPS

DC

SOLAR PUMP DRIVE

SHAKTI
PUMPING LIFE

INTRODUCTION OF SOLAR MOTOR - HIGH EFFICIENT SYSTEM

Now days Solar pumping system is becoming more and more popular, it is being applied to daily use (underground water), agriculture irrigation, forestry irrigation, desert control, pasture animal husbandry, water supply for islands, wastewater treatment engineering, and so on. In recent years, with the promotion of the utilization of non conventional energy resources, solar pumping systems are being used more and more in municipal engineering, city centre squares, parks, tourist sites, resorts and hotels, the landscapes and fountain systems in the residential areas. This system is composed of a solar array, a pump and a pump controller. Based on the design philosophy that it is better to store water than electricity, there is no energy storing device such as battery in the system.

SOLAR
PUMP
CONTROLLER

SHAKTI SOLAR
SUBMERSIBLE
PUMPSET
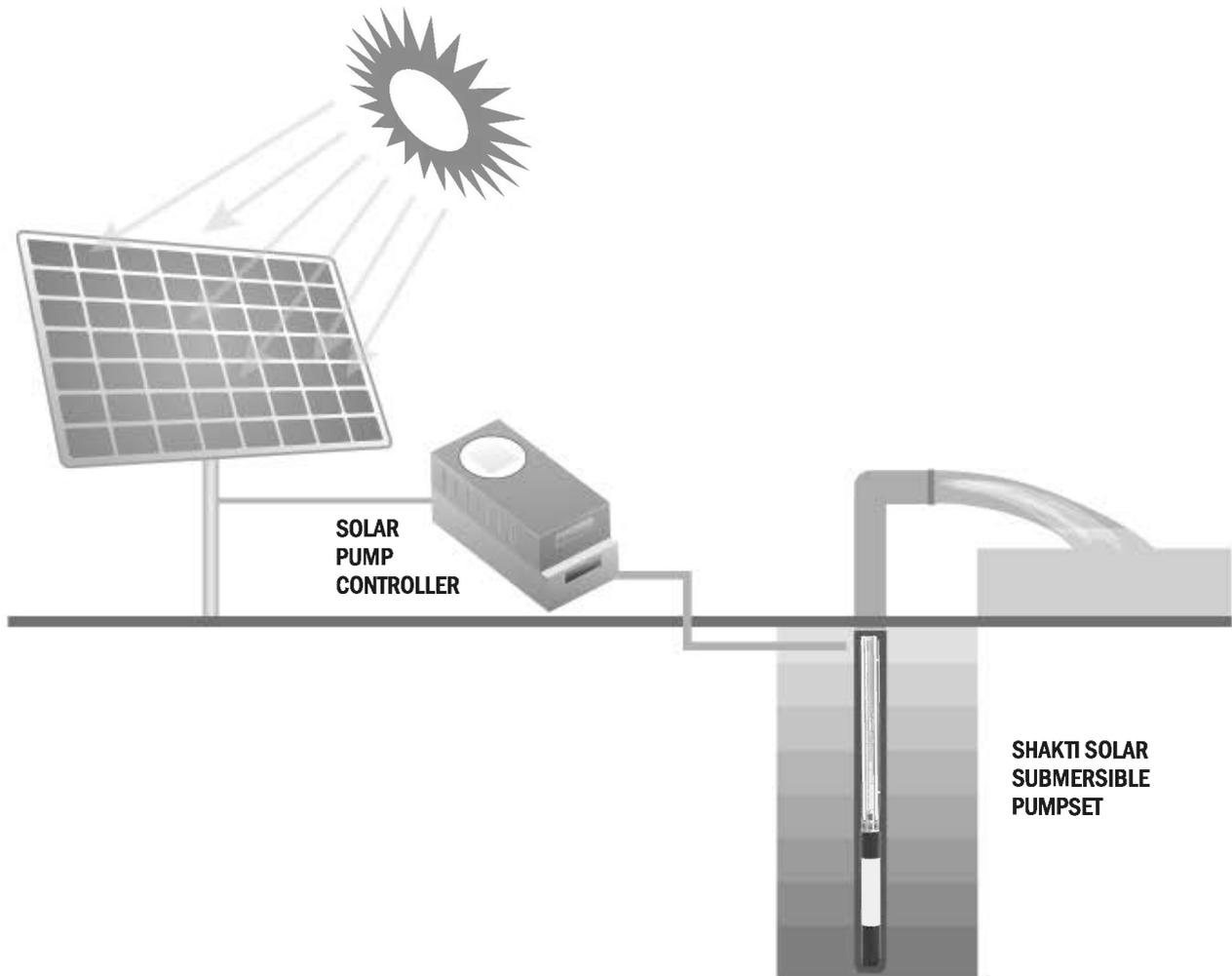
Structure of solar pumping system

The solar array, an aggregation of many solar modules connected in series and/ or parallel. This array absorbs radiation from sunlight and converts it into electrical energy thus helps in providing dynamical water as a whole system. The pump controller controls and adjusts the system operation, according to the variation of intensity of sunlight to realize the maximum power point tracking (MPPT). The pump is able to draw water from the deep wells or rivers and lakes to pour into the storage tank or reservoir, or directly connect to the irrigation system, fountain system, etc. According to the actual system demand and installation conditions, different types of pump such as centrifugal pump, axial flow pump, mixed-flow pump or deep-well pump may be used.

Applications

- Ground water lowering
- Irrigation systems
- Industrial Application
- Drip irrigation & sprinkler
- Tank / Cistern filling
- Wildlife refuge
- Rural water supply for ranches, cabins, and cottages
- Fountains

Features

- High flow system for faster tank fill and significant water output.
- Proven motor and pump technology for long-term reliability
- Available Free of cost at your doorstep.
- Clean and pollution free energy, Eco-friendly.
- Ideal for remote areas, where electricity is not available or availability is capital intensive.
- Suitable for day time irrigation, Continuous supply for 6-8 hours in a day.
- MPPT – Max Power Point Tracking for maximizing efficiency of input power
- Soft start feature prevents water hammer and increases system life Easy to operate.
- Simple installation and maintenance free.
- MNRE approved.

All-In-One Package

The Solar drive is used as a solution for specific pumping requirements of the solar pumping system. Using Shakti components, our technical expertise in groundwater pumping, and innovative thinking based on global market inputs, we have developed a rugged, high-output system which tackles the challenges of remote and harsh environments. No other system delivers the features, benefits, and reliability of solar drive in just one package!

The Solar water pumping system includes

- Shakti High Efficient Submersible motor
- Shakti Submersible pump
- Solar Panel and its mounting structure
- Solar Drive controller
- Cable
- Pipes
- Variety of flow rates available in: 5 to 2500 lpm. (1.3 to 661.3 US GPM)
- Motor and drive ratings available in: 0.5 to 50.0 HP (0.37 to 41.5 kW)

DCSSP SERIES

Type designation

| 30 | - | DCSSP | - | 3000 |

Disc. (M³ Ltr.)

Solar Submersible Pump

Input Power (Watts)
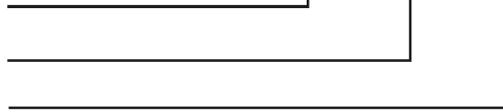
* Note: 1. Input Power at Motor End.
        2. Do not operate pump above its recommended duty head,

The Solar high efficient pumpset comprises two pump technologies

➤ Centrifugal Pump.
➤ Helical Pump for High Heads and small flow rates.

The high Efficient Motor is designed according to the permanent magnet principle with separate electronics unit. The Motor speed range is 1000-3600 RPM depending on pump load.. The permanent magnet motor featuring a consistent higher efficiency within power range compared to a conventional asynchronous motor.

OVERVIEW

The controller starts the pumps slowly and adjust it's speed according to pumping load and power available from solar array.

Power output from the solar array is optimally matched to the load by maximum power point tracker(MPPT) through out all conditions.

The Shakti Solar drive is designed with the high standard of reliability expected of Shakti products. The controller attempts to drive the pump and motor to deliver water even under adverse conditions, reducing output as necessary to protect the system components from damage, and only shutting down in extreme cases.

Descriptions and Features

The Shakti Solar drives controller continuously monitors system performance and incorporates a number of features for pump system protection. In the event of a fault, the Shakti Solar drives will indicate the type of fault through the displays.

The Shakti Solar drives system is optimized for pumping under adverse input power conditions unique to solar arrays.

➤ Internal diagnostics will tolerate a lower input voltage.
➤ Whenever possible, the controller attempts to regulate the pump load in a manner that optimizes for maximum power transfer from the solar array.

An easy to use interface is provided to enhance configurability and enable remote system monitoring.

➤ A three-digit seven-segment display provides a detailed indication of system status.
➤ A small keypad offers flexibility for selection of user options.
➤ A continuous data connection for remote telemetry is made available via an RS-485 port. (Optional)

PROTECTION FEATURES

➤ Dry run Protection ➤Overload Protection ➤Open Circuit Protection
➤ Short Circuit Protection ➤Over Heat

INTRODUCTION OF SOLAR MOTOR - HIGH EFFICIENT SYSTEM
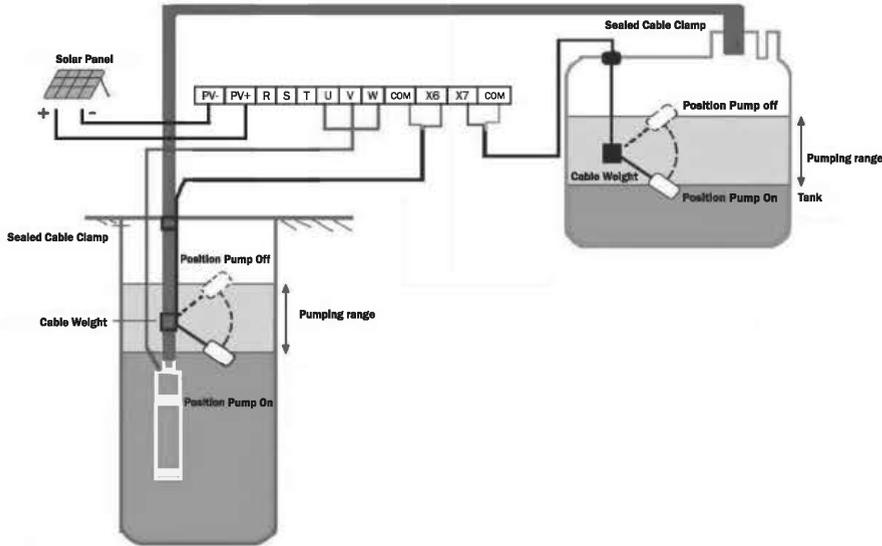
SOLAR PUMP DRIVE SPECIFICATION

MATERIAL CODE	MODLE	MAX.INPUT VOLTAGE OF SOLAR ARRAYS (Vdc)	DC RANGE	CONTROLLER CURRENT (AMP.)
9000021157	DCSHAKTI -01P-10A	300	30-300	10
9000023555	DCSHAKTI -01P-10A	400	90-400	10
9000021158	DCSHAKTI -03P-13A	780	250-780	13
9000021159	DCSHAKTI -03P-17A	780	250-780	17
9000023553	DCSHAKTI -03P-25A	780	250-780	25
9000023556	DCSHAKTI -03P-38A	780	250-780	38
9000023554	DCSHAKTI -03P-60A	780	250-780	60
9000021164	DCSHAKTI -03P-90A	780	250-780	90

0.7 DCSSP 600/900/1200

BSP 32 mm (4X3)
Pumpset Code   : 9500000815 [600/900/1200]
Chock Code   :- 9000023320
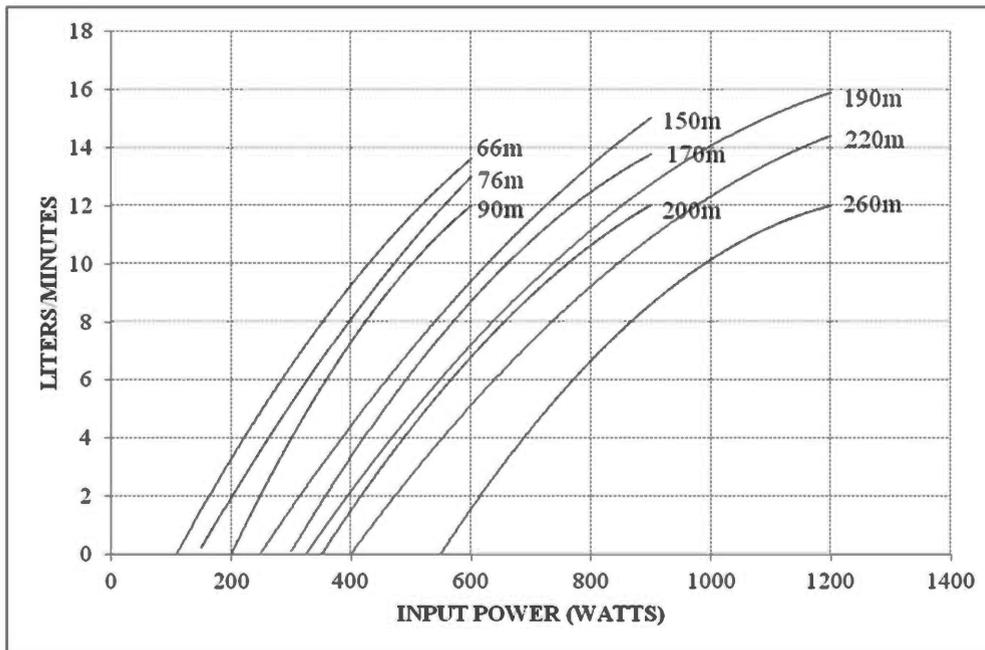
(A)	INPUT POWER(WATT)						
	600	500	400	300	200	150	120
HEAD(M)	FLOW IN LPM						
90	12	10	7.3	5	0		
76	13	10.3	8	6.1	3.3	0	
66	13.7	10.5	8.4	6.3	3.4	2	0

(B)	INPUT POWER(WATT)						
	900	800	600	500	350	300	250
HEAD(M)	FLOW IN LPM						
200	12	10.7	6.8	4.3	0		
170	13.7	12.6	8.8	6	3	0	
150	15	13.5	9.3	7	3.3	2.5	0

(C)	INPUT POWER(WATT)						
	1200	1000	800	700	550	400	300
HEAD(M)	FLOW IN LPM						
260	12	10.2	6.5	4.5	0		
220	14.5	12.1	9.5	7.2	4	0	
190	16	14	10.8	9.5	6.2	2.5	0

2 DCSSP 900/1200/1500

BSP 32 mm (4X3)
Pumpset Code   : 9500000817 [900/1200/1500]
Chock Code   : 9000023320
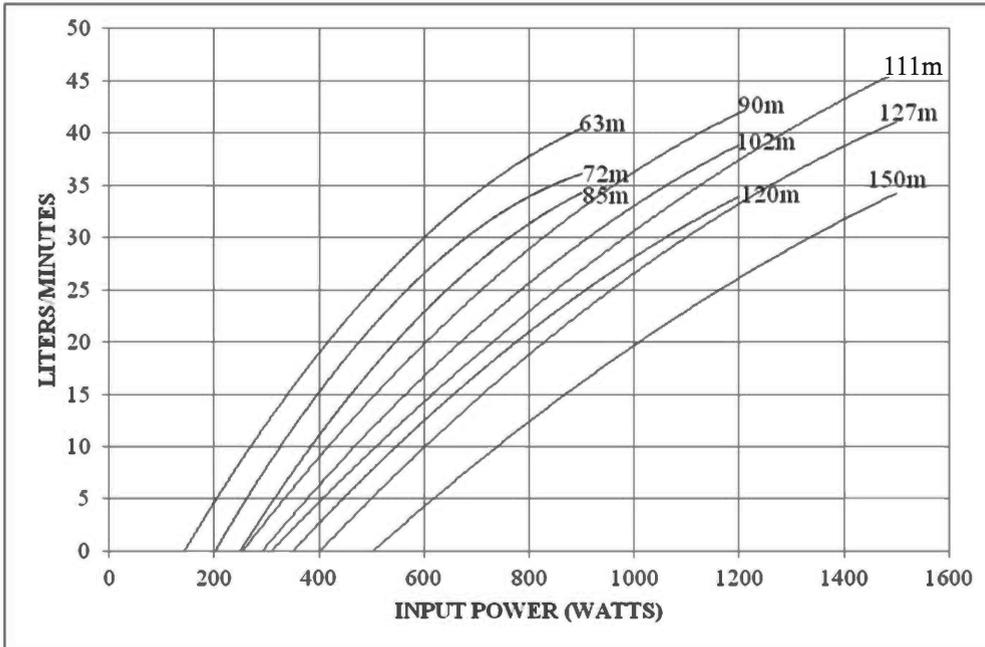
(A)	INPUT POWER(WATT)						
	900	800	600	500	250	200	150
HEAD(M)	FLOW IN LPM						
85	34	30	22	18	0		
72	36	34	27	21	6	0	
63	41	37	30	25	9	5	0

(B)	INPUT POWER(WATT)						
	1200	1000	800	700	350	300	250
HEAD(M)	FLOW IN LPM						
120	34	28	21	17	0		
102	37	33	25	21	3	0	
90	42	36	29	25	8	5	0

(C)	INPUT POWER(WATT)						
	1500	1200	1100	1000	500	400	300
HEAD(M)	FLOW IN LPM						
150	34	27	23	19	0		
127	41	34	29	27	5	0	
111	46	37	34	31	12	8	0

12 DCSSP 900/1200/1500

BSP 50 mm (4X6)
Pumpset Code : 9500000828 [900/1200/1500]
Chock Code : Not Required
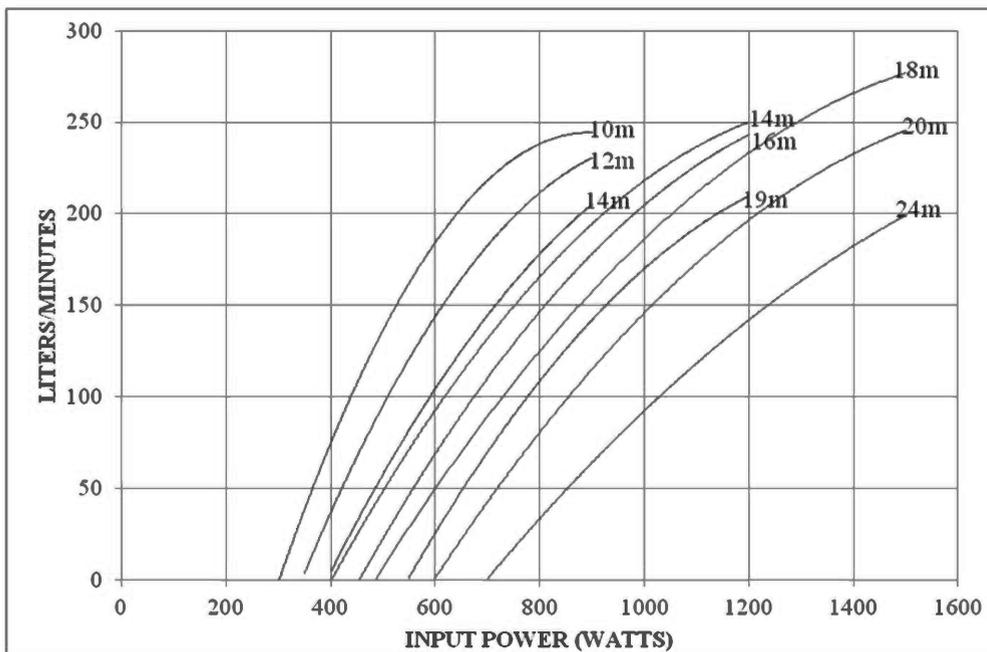
(A)	INPUT POWER(WATT)						
	900	800	600	500	400	350	300
HEAD(M)	FLOW IN LPM						
14	200	160	105	65	0		
12	232	196	140	120	80	0	
10	250	221	180	142	110	62	0

(B)	INPUT POWER(WATT)						
	1200	1000	800	700	500	450	400
HEAD(M)	FLOW IN LPM						
19	200	145	105	75	0		
16	235	199	150	121	25	0	
14	250	221	190	145	62	30	0

(C)	INPUT POWER(WATT)						
	1500	1200	1100	1000	700	600	500
HEAD(M)	FLOW IN LPM						
24	200	139	118	96	0		
20	245	200	170	145	70	0	
18	279	225	200	185	109	65	0

12 DCSSP 1200/1500/2000

BSP 50 mm (4X6)
Pumpset Code : 9500000829 [1200/1500/2000]
Chock Code : Not Required
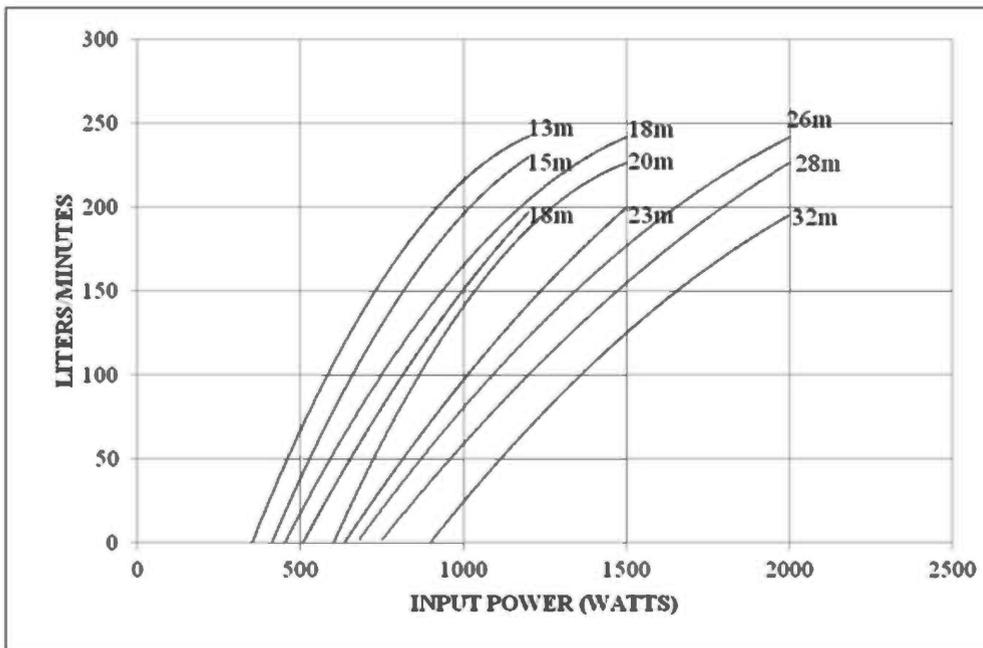
(A)	INPUT POWER(WATT)						
	1200	1000	800	700	500	400	350
HEAD(M)	FLOW IN LPM						
18	200	176	97	10	0		
15	236	202	156	100	36	0	
13	242	214	176	142	57	30	0
(B)	INPUT POWER(WATT)						
	1500	1200	1100	1000	700	600	
HEAD(M)	FLOW IN LPM						
23	200	140	126	94	0		
20	227	185	165	145	70	0	
18	242	198	185	165	100	65	0
(C)	INPUT POWER(WATT)						
	2000	1800	1600	1400	900	750	680
HEAD(M)	FLOW IN LPM						
32	200	162	143	112	0		
28	228	192	168	140	49	0	
26	245	215	192	161	68	40	0

10 DCSSP 1200/1500/2000

BSP 50 mm (4X6)
Pumpset Code : 9500000819 [1200/1500/2000]
Chock Code : Not Required
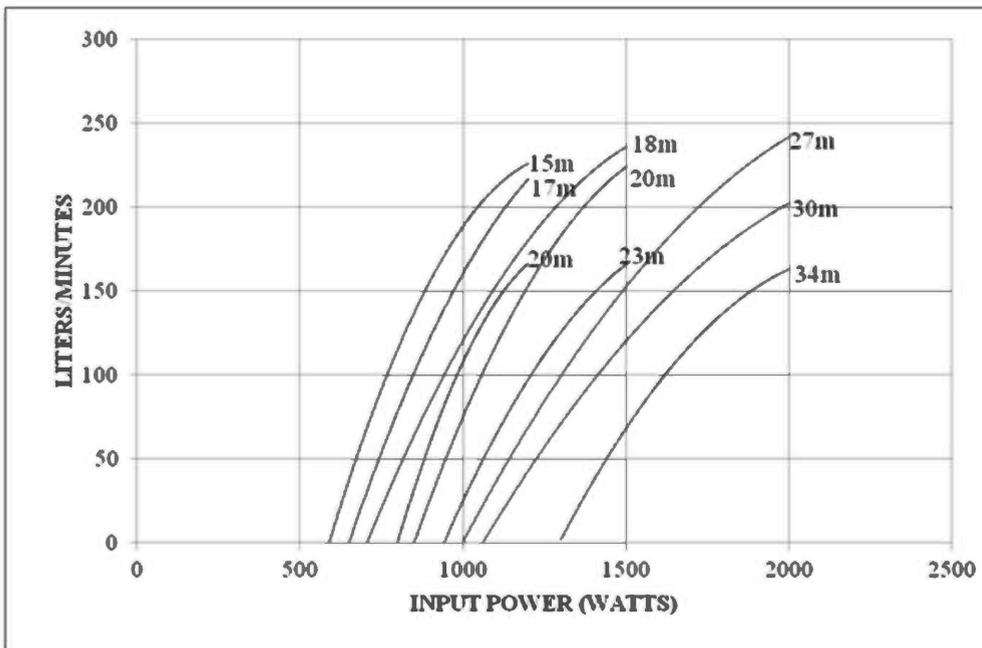
(A)	INPUT POWER(WATT)						
	1200	1000	900	800	700	650	600
HEAD(M)	FLOW IN LPM						
20	167	106	64	32	0		
17	226	165	119	78	50	0	
15	230	181	150	121	86	61	0
(B)	INPUT POWER(WATT)						
	1500	1200	1100	1000	950	850	700
HEAD(M)	FLOW IN LPM						
23	167	90	73	28	0		
20	225	147	121	85	45	0	
18	235	184	151	131	91	65	0
(C)	INPUT POWER(WATT)						
	2000	1800	1600	1400	1300	1050	950
HEAD(M)	FLOW IN LPM						
34	167	127	104	38	0		
30	203	170	155	94	64	0	
27	241	217	173	125	103	28	0

15 DCSSP 1200/1500/2000

BSP 50 mm (4X4)
Pumpset Code : 9500000838 [1200/1500/2000]
Check Code : Not Required
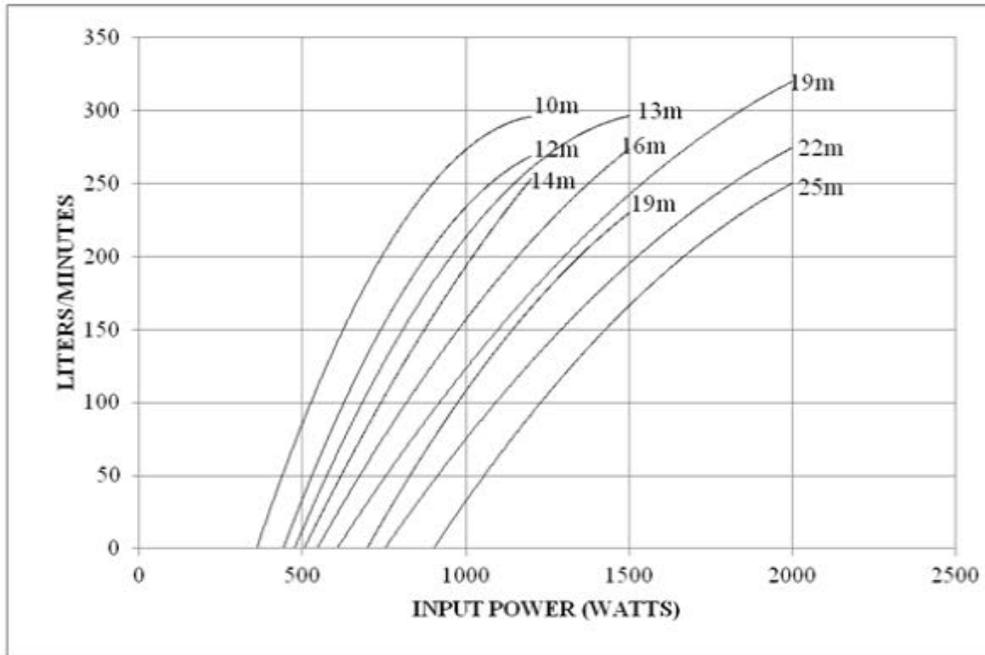
(A)	INPUT POWER(WATT)						
	1200	1000	800	700	500	450	400
HEAD(M)	FLOW IN LPM						
14	250	200	140	80	0		
12	270	230	175	132	40	0	
10	285	255	220	185	105	70	0
(B)	INPUT POWER(WATT)						
	1500	1200	1100	1000	700	600	500
HEAD(M)	FLOW IN LPM						
19	250	176	150	125	0		
16	270	212	190	160	75	0	
13	300	265	235	210	120	70	0
(C)	INPUT POWER(WATT)						
	2000	1800	1600	1400	900	750	600
HEAD(M)	FLOW IN LPM						
25	250	220	192	140	0		
22	275	145	218	174	58	0	
19	320	290	250	213	103	70	0

17 DCSSP 1200/1500/2000

BSP 50 mm (4X6)
Pumpset Code   : 9500000844   [1200/1500/2000]
Chock Code   : NOT REQUIRED
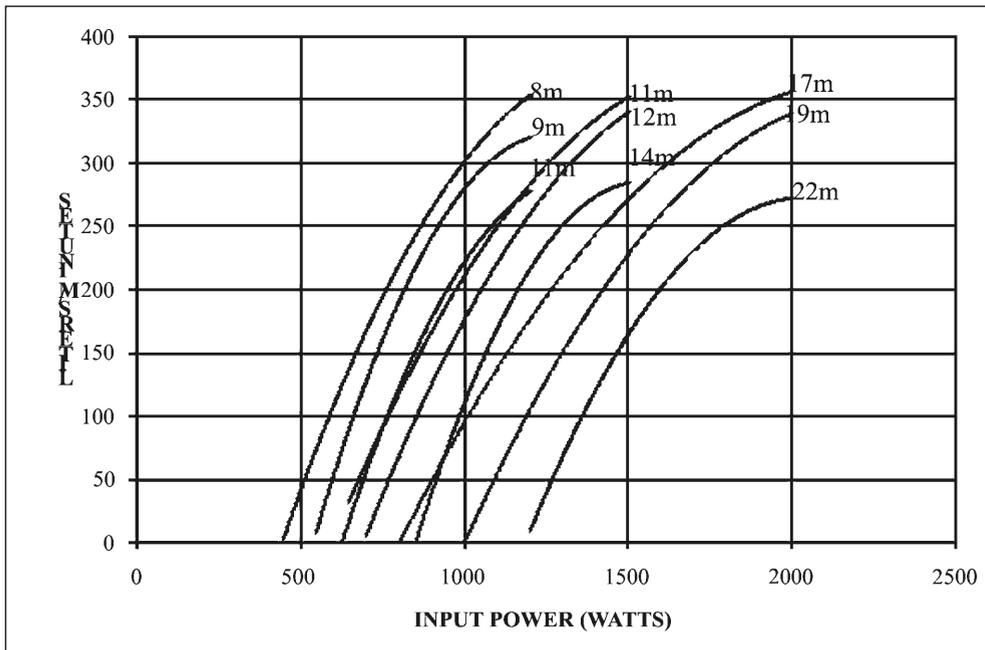
(A)	INPUT POWER(WATT)						
	1200	1000	800	700	650	550	450
HEAD(M)	FLOW IN LPM						
11	283	205	135	70	0		
9	325	270	192	130	99	0	
8	360	285	225	196	110	80	0

(B)	INPUT POWER(WATT)						
	1500	1200	1100	1000	850	700	650
HEAD(M)	FLOW IN LPM						
14	283	226	160	108	0		
12	340	270	201	180	110	0	
11	355	280	240	215	140	99	0

(C)	INPUT POWER(WATT)						
	2000	1800	1600	1400	1200	1000	800
HEAD(M)	FLOW IN LPM						
22	283	230	203	140	0		
19	345	295	262	200	100	0	
17	357	325	312	243	162	102	0

30 DCSSP 1200/1500/2000

BSP 75 mm (4X6)
Pumpset Code : 9500000853 [1200/1500/2000]
Chock Code : Not Required
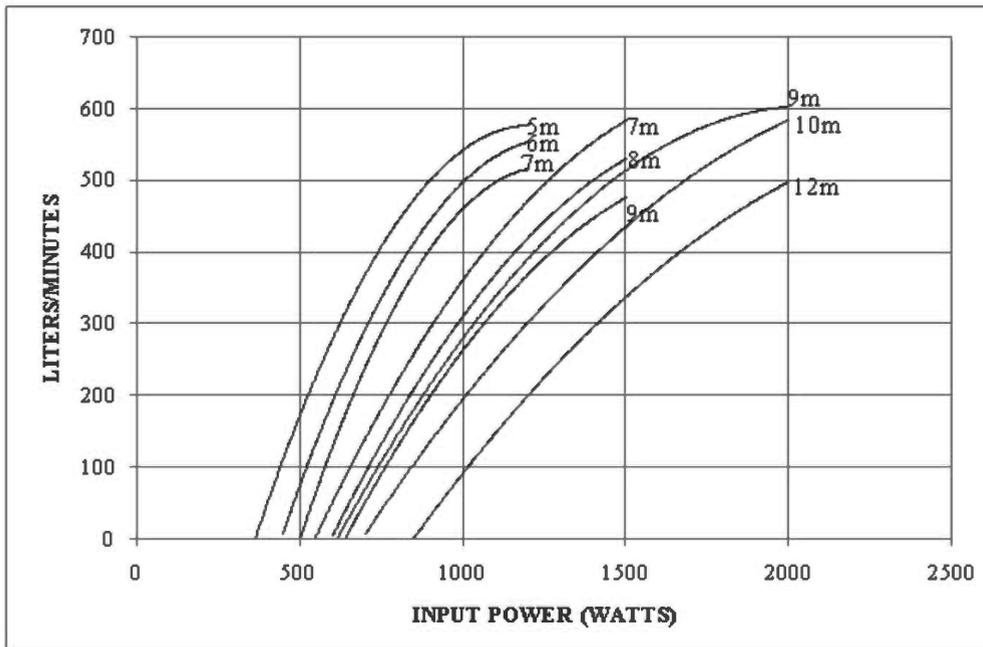
(A)	INPUT POWER(WATT)						
	1200	1000	800	700	500	450	400
HEAD(M)	FLOW IN LPM						
7	500	450	350	230	0		
6	560	472	355	245	180	0	
5	580	520	435	375	310	200	0
(B)	**INPUT POWER(WATT)**						
	1500	1200	1100	1000	700	600	550
HEAD(M)	FLOW IN LPM						
9	500	330	307	240	0		
8	515	430	350	320	100	0	
7	600	500	400	345	220	140	0
(C)	**INPUT POWER(WATT)**						
	2000	1800	1600	1400	850	700	550
HEAD(M)	FLOW IN LPM						
12	500	442	365	305	0		
10	590	526	480	390	156	0	
9	620	565	531	476	210	130	0

5 DCSSP 1200/1500/2000

BSP 38 mm (4X4)
Pumpset Code   : 9500000979 [1200/1500/2000]
Chock Code   : NOT REQUIRED
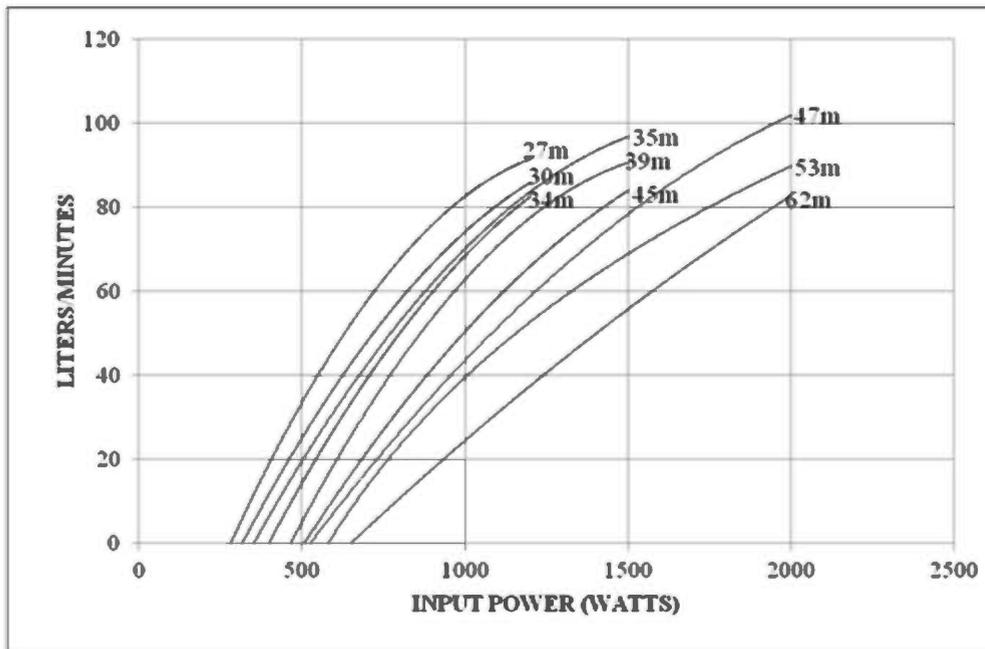
(A)	INPUT POWER(WATT)						
	1200	1000	800	700	400	300	280
HEAD(M)	FLOW IN LPM						
34	83	68	48	42	0		
30	86	75	56	48	16	0	
27	92	82	67	58	21	4	0
(B)	INPUT POWER(WATT)						
	1500	1200	1000	800	500	400	350
HEAD(M)	FLOW IN LPM						
45	83	69	49	31	0		
39	91	77	62	45	13	0	
35	98	81	70	55	21	5	0
(C)	INPUT POWER(WATT)						
	2000	1600	1200	900	650	550	450
HEAD(M)	FLOW IN LPM						
62	83	61	38	25	0		
53	93	73	50	30	7	0	
47	102	83	61	35	17	9	0

8 DCSSP 1200/1500/2000

BSP 50 mm (4X4)
Pumpset Code   : 9500000897 [1200/1500/2000]
Check Code   : NOT REQUIRED
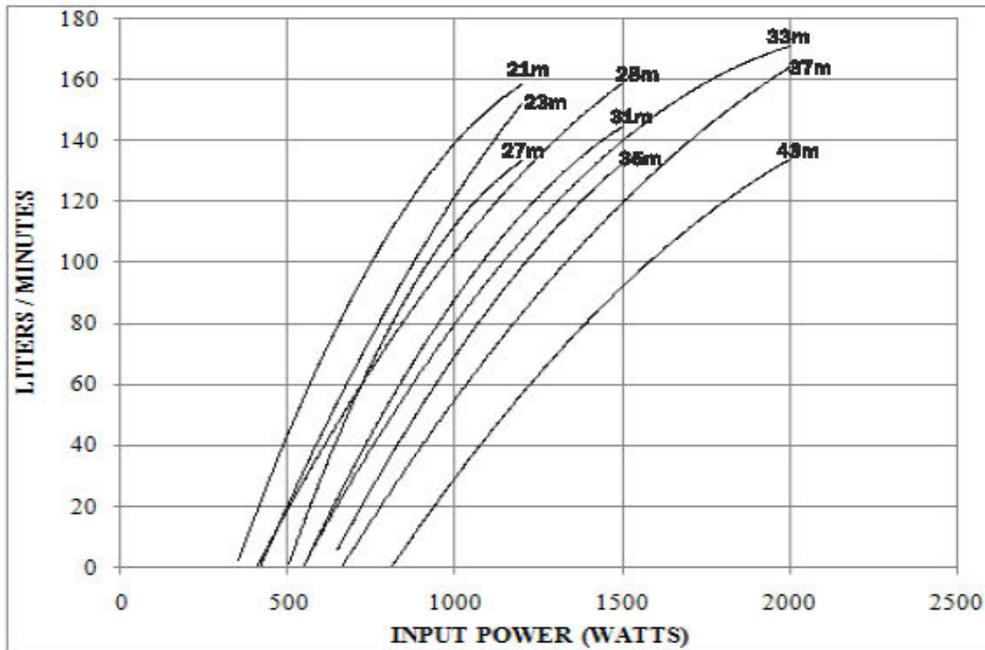
	INPUT POWER(WATT)						
	1200	1000	800	700	500	400	350
HEAD(M)	FLOW IN LPM						
27	134	112	75	50	0		
23	150	125	90	60	15	0	
21	161	136	115	80	50	10	0
	INPUT POWER(WATT)						
	1500	1100	1000	800	650	550	400
HEAD(M)	FLOW IN LPM						
35	134	78	70	45	0		
31	145	98	96	50	25	0	
28	158	120	106	70	45	30	0
	INPUT POWER(WATT)						
	2000	1500	1200	1000	800	650	555
HEAD(M)	FLOW IN LPM						
43	134	92	60	25	0		
37	163	123	80	56	20	0	
33	171	140	108	80	45	25	0

12 DCSSP 1500/2000/2700

BSP 50 mm (4X6)
Pumpset Code : 9500000830 [1500/2000]
Pumpset Code : 9500000710 [2700]
Chock Code : Not Required
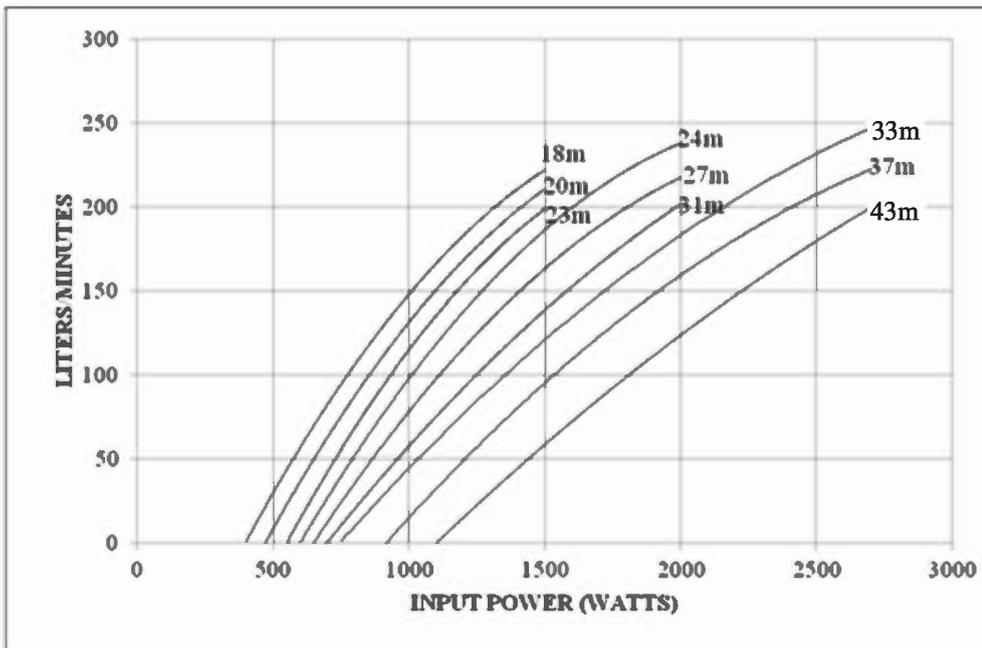
(A)	INPUT POWER(WATT)						
	1500	1200	1100	1000	550	450	400
HEAD(M)	FLOW IN LPM						
23	200	151	136	118	0		
20	212	162	151	140	32	0	
18	221	185	170	145	40	21	0
(B)	INPUT POWER(WATT)						
	2000	1800	1600	1400	750	650	600
HEAD(M)	FLOW IN LPM						
31	200	180	155	125	0		
27	221	196	172	155	35	0	
24	240	220	196	176	52	45	0
(C)	INPUT POWER(WATT)						
	2700	2400	2100	1800	1100	900	750
HEAD(M)	FLOW IN LPM						
43	200	171	132	102	0		
37	221	201	172	135	45	0	
33	251	217	193	165	78	45	0

15 DCSSP 1500/2000/2700

BSP 50 mm (4X4)
Pumpset Code   : 9500000839 [1500/2000]
Pumpset Code   : 9500000739 [2700]
Chock Code   : Not Required
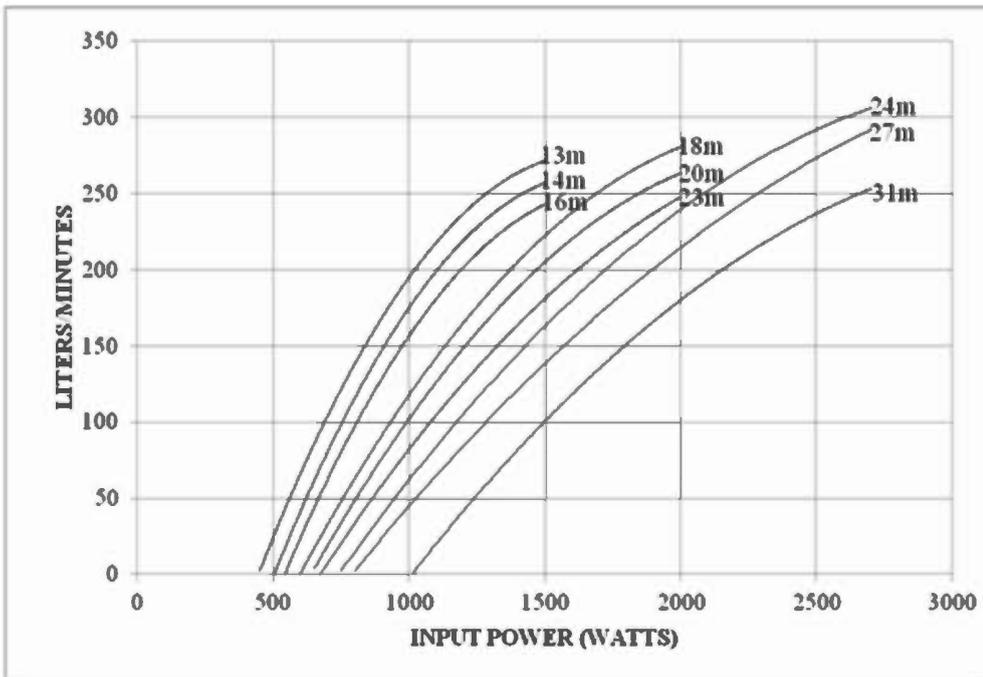
(A)	INPUT POWER(WATT)						
	1500	1200	1100	1000	600	500	450
HEAD(M)	FLOW IN LPM						
16	250	202	186	160	0		
14	256	220	202	172	65	0	
13	271	238	220	186	110	25	0
(B)	INPUT POWER(WATT)						
	2000	1800	1600	1200	700	650	600
HEAD(M)	FLOW IN LPM						
23	250	212	190	130	0		
20	270	240	230	160	35	0	
18	285	260	230	172	60	35	0
(C)	INPUT POWER(WATT)						
	2700	2400	2100	1600	1000	800	750
HEAD(M)	FLOW IN LPM						
31	250	230	198	112	0		
27	290	265	230	150	50	0	
24	310	280	245	188	80	23	0

10 DCSSP 1500/2000/2700

BSP 50 mm (4X6)
Pumpset Code   : 9500000820 [1500/2000]
Pumpset Code   : 9500000700 [2700]
Chock Code   : Not Required
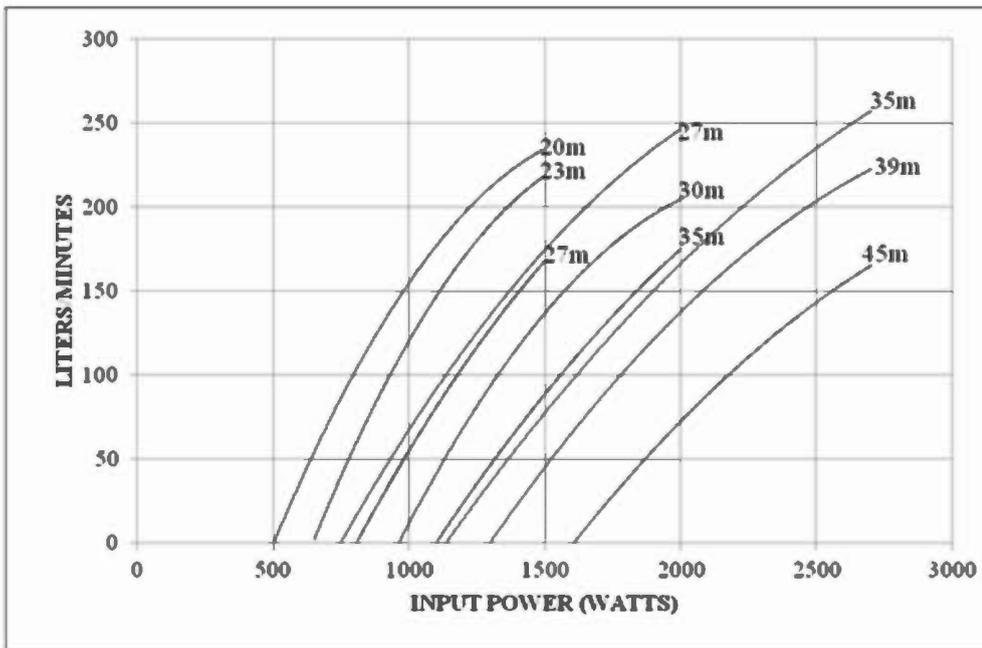
(A)	INPUT POWER(WATT)						
	1500	1200	1100	1000	800	650	500
HEAD(M)	FLOW IN LPM						
27	167	123	95	74	0		
23	227	167	145	124	61	0	
20	235	200	169	155	110	50	0
(B)	INPUT POWER(WATT)						
	2000	1800	1600	1400	1100	950	750
HEAD(M)	FLOW IN LPM						
35	167	140	110	70	0		
30	205	185	150	125	65	0	
27	249	218	192	156	75	45	0
(C)	INPUT POWER(WATT)						
	2700	2400	2100	1800	1600	1300	1100
HEAD(M)	FLOW IN LPM						
45	167	126	95	35	0		
39	222	195	151	102	79	0	
35	259	220	182	145	96	40	0

8 DCSSP 1800/2400/3200

BSP 50 mm (4X4)
Pumpset Code   : 9500000981 [1800]
Pumpset Code   : 9500000526 [2400/3200]
Chock Code   : 9000023320
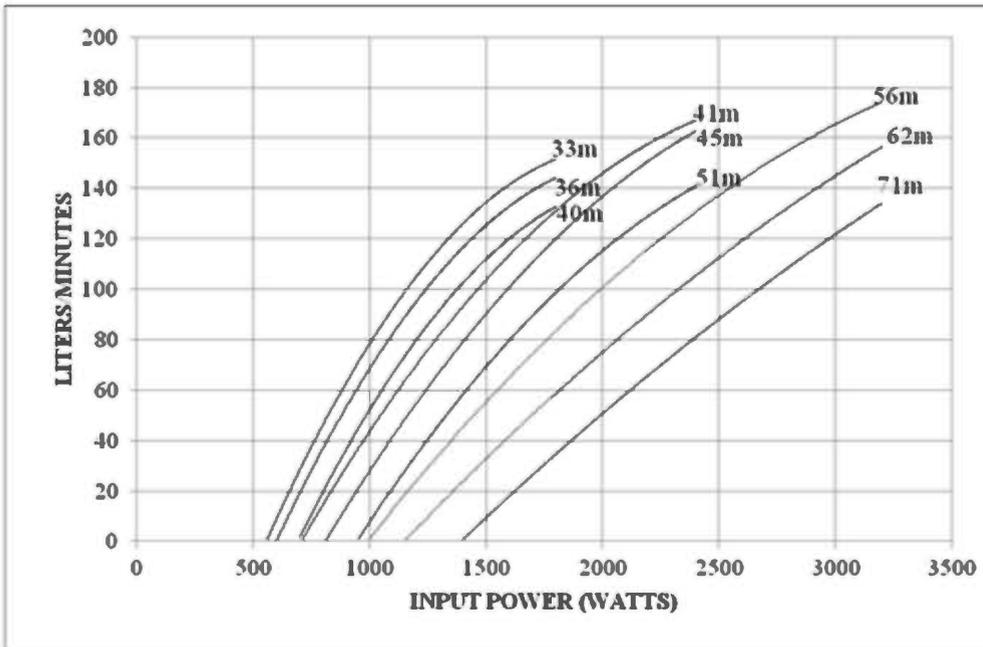
(A)	INPUT POWER(WATT)						
	1800	1500	1200	900	700	600	550
HEAD(M)	FLOW IN LPM						
40	134	104	71	43	0		
36	145	125	93	58	18	0	
33	155	129	104	66	41	13	0

(B)	INPUT POWER(WATT)						
	2400	2100	1500	1200	950	800	700
HEAD(M)	FLOW IN LPM						
51	134	115	66	43	0		
45	165	140	96	52	29	0	
41	169	149	106	70	38	13	0

(C)	INPUT POWER(WATT)						
	3200	2800	2200	1600	1400	1150	1000
HEAD(M)	FLOW IN LPM						
71	134	110	59	29	0		
62	157	132	92	60	30	0	
56	176	152	119	64	55	24	0

10 DCSSP 2700/3600/4600

BSP 50 mm (4X6)
Pumpset Code : 9500000821 [2700/3600/4600]
Chock Code : 9000023320
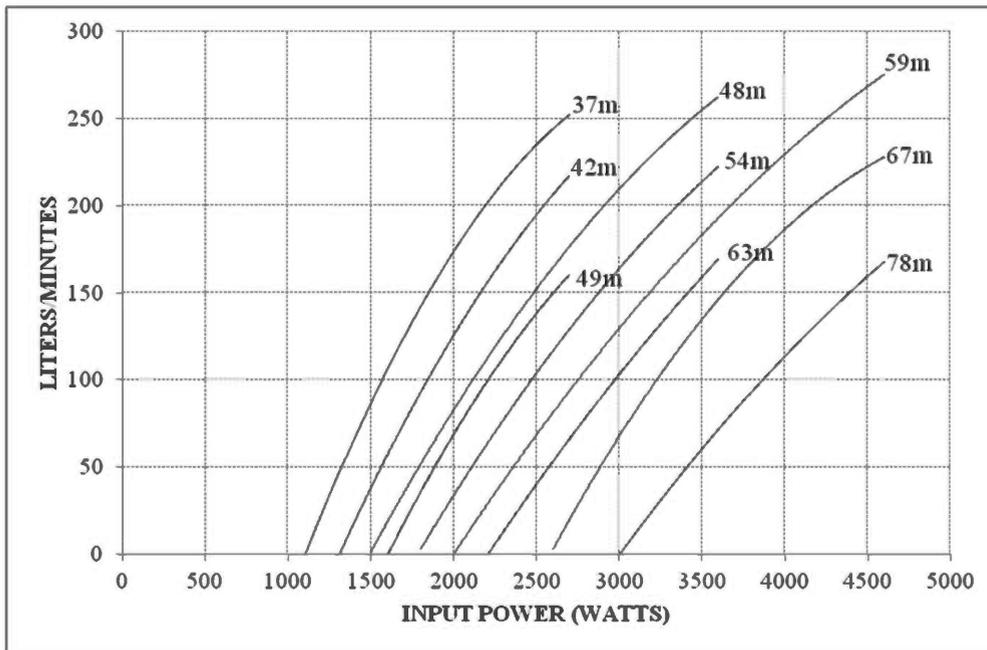
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1900	1600	1300	1100
HEAD(M)	FLOW IN LPM						
49	167	127	74	60	0		
42	220	175	135	110	50	0	
37	252	223	183	155	101	45	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	2200	1800	1500
HEAD(M)	FLOW IN LPM						
63	167	135	100	75	0		
54	221	196	156	136	70	0	
48	265	226	214	180	120	50	0

(C)	INPUT POWER(WATT)					
	4600	4200	3600	3300	2600	2000
HEAD(M)	FLOW IN LPM					
78	167	135	70	30		
67	230	200	145	100	0	
59	275	248	190	150	80	0

12 DCSSP 2700/3600/4600

BSP 50 mm (4X6)
Pumpset Code : 9500000831 [2700/3600/4600]
Chock Code : 9000023320
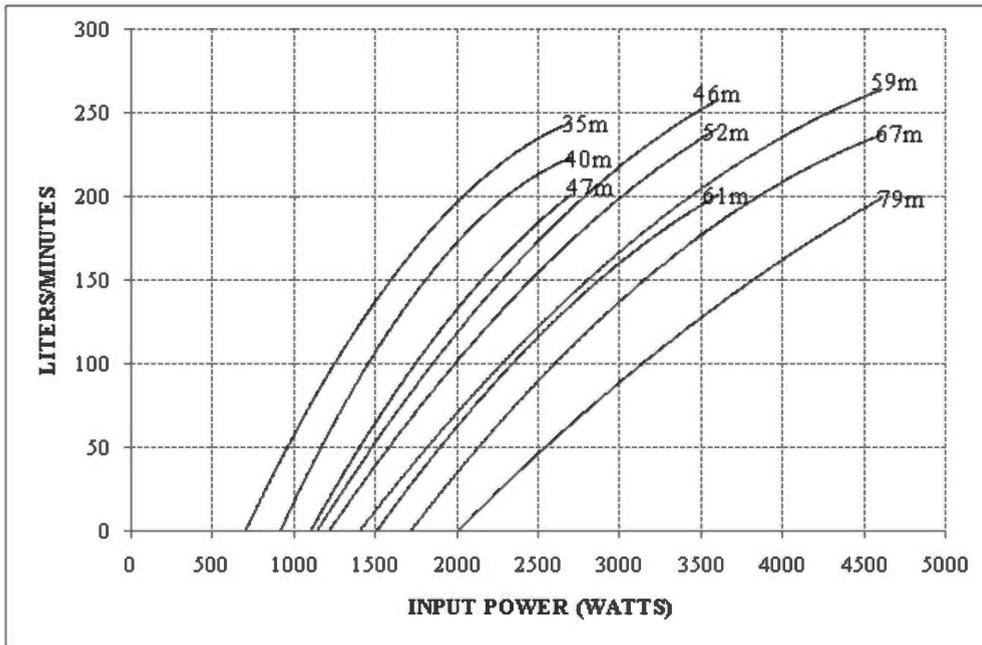
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1900	1100	900	700
HEAD(M)	FLOW IN LPM						
47	200	168	132	120	0		
40	223	210	170	158	65	0	
35	247	225	196	185	85	36	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	1500	1200	1000
HEAD(M)	FLOW IN LPM						
61	200	180	157	145	0		
52	242	217	200	180	45	0	
46	260	235	215	200	90	36	0

(C)	INPUT POWER(WATT)					
	4600	4200	3800	3600	2000	1700
HEAD(M)	FLOW IN LPM					
79	200	175	150	136	0	
67	236	225	196	185	60	0
59	266	246	226	210	70	45	0

15 DCSSP 2700/3600/4600

BSP 50 mm (4X4)
Pumpset Code : 9500000840 [2700/3600/4600]
Chock Code : Not Required
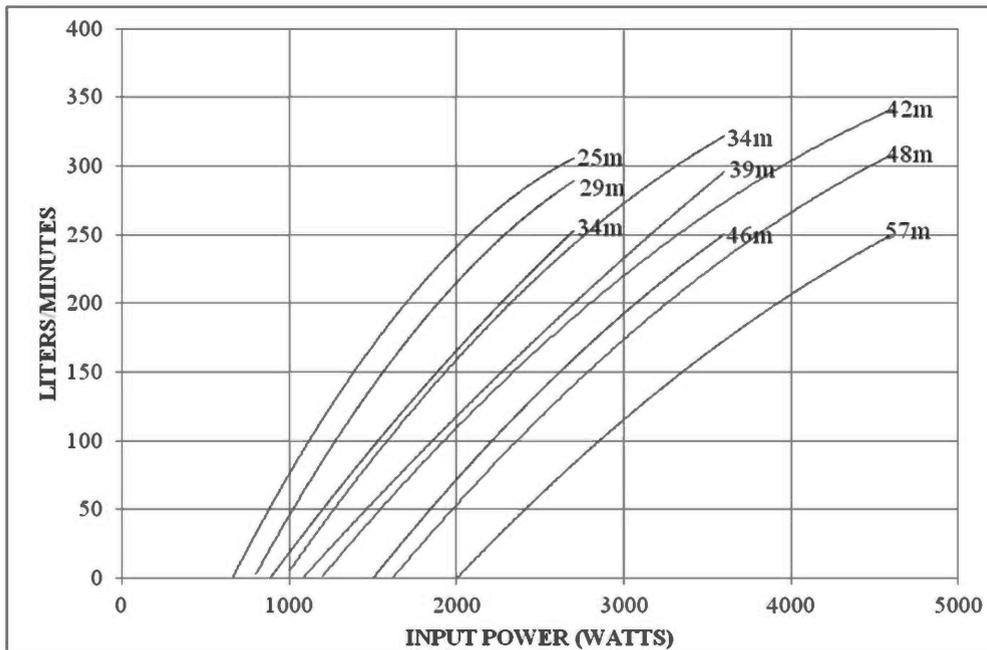
(A)	INPUT POWER(WATT)						
	2700	2400	2100	1800	1000	800	700
HEAD(M)	FLOW IN LPM						
34	250	216	186	140	0		
29	290	260	230	185	60	0	
25	310	280	245	220	80	40	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	1500	1200	1000
HEAD(M)	FLOW IN LPM						
46	250	215	190	172	0		
39	295	255	230	215	75	0	
34	325	290	270	250	95	60	0

(C)	INPUT POWER(WATT)						
	4600	4200	3800	3600	2000	1600	1200
HEAD(M)	FLOW IN LPM						
57	250	220	195	170	0		
48	308	280	250	235	72	0	
42	340	320	290	270	120	70	0

17 DCSSP 2700/3600/4600

BSP 50 mm (4X6)
Pumpset Code   : 9500000845 [2700/3600/4600]
Chock Code   : Not Required
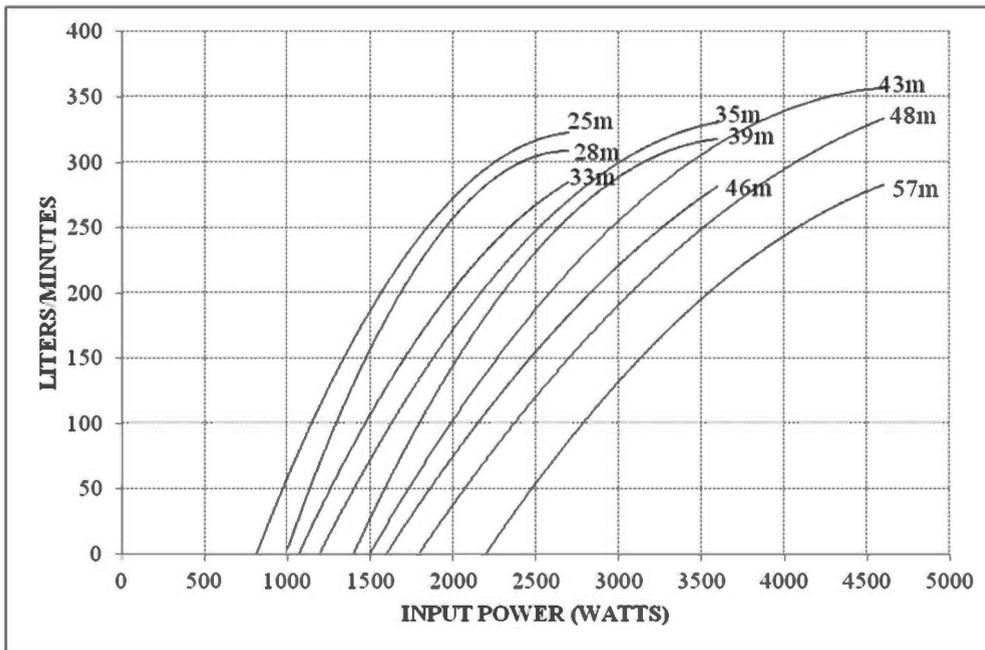
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1600	1200	1000	800
HEAD(M)	FLOW IN LPM						
33	283	260	200	136	0		
28	315	292	250	190	100	0	
25	331	305	260	210	127	100	0

(B)	INPUT POWER(WATT)						
	3600	3000	2400	2200	1600	1400	1200
HEAD(M)	FLOW IN LPM						
46	283	218	142	100	0		
39	322	270	205	188	85	0	
35	336	290	230	220	125	60	0

(C)	INPUT POWER(WATT)						
	4600	3600	3200	2600	2200	1800	1500
HEAD(M)	FLOW IN LPM						
57	283	205	160	72	0		
48	336	252	235	152	100	0	
43	360	300	270	208	142	90	0

30 DCSSP 2700/3600/4600

BSP 50 mm (4X6)
Pumpset Code   : 950000854 [2700/3600/4600]
Chock Code   : Not Required
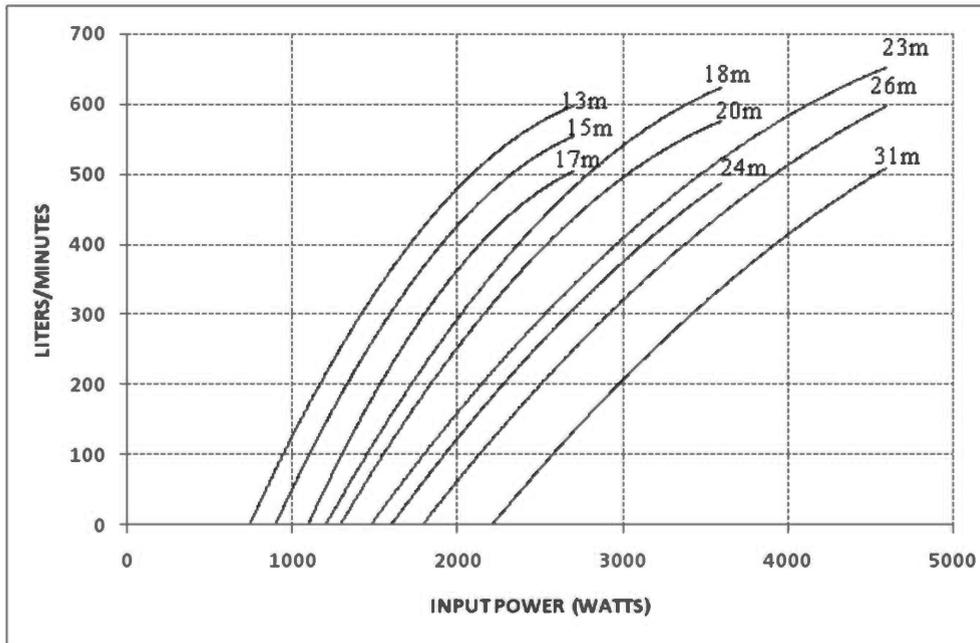
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1900	1100	900	800
HEAD(M)	FLOW IN LPM						
17	500	460	385	310	0		
15	550	520	450	365	140	0	
13	608	545	495	430	190	100	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	1600	1300	1100
HEAD(M)	FLOW IN LPM						
24	500	420	365	340	0		
20	580	530	490	440	200	0	
18	640	560	530	500	190	120	0

(C)	INPUT POWER(WATT)						
	4600	4200	3800	3600	2200	1800	1600
HEAD(M)	FLOW IN LPM						
31	500	460	400	310	0		
26	600	645	475	440	180	0	
23	655	610	550	510	210	150	0

46 DCSSP 2700/3600/4600

BSP 100 mm (4X6)
Pumpset Code   : 9500000862 [2700/3600/4600]
Chock Code   : 9000023320
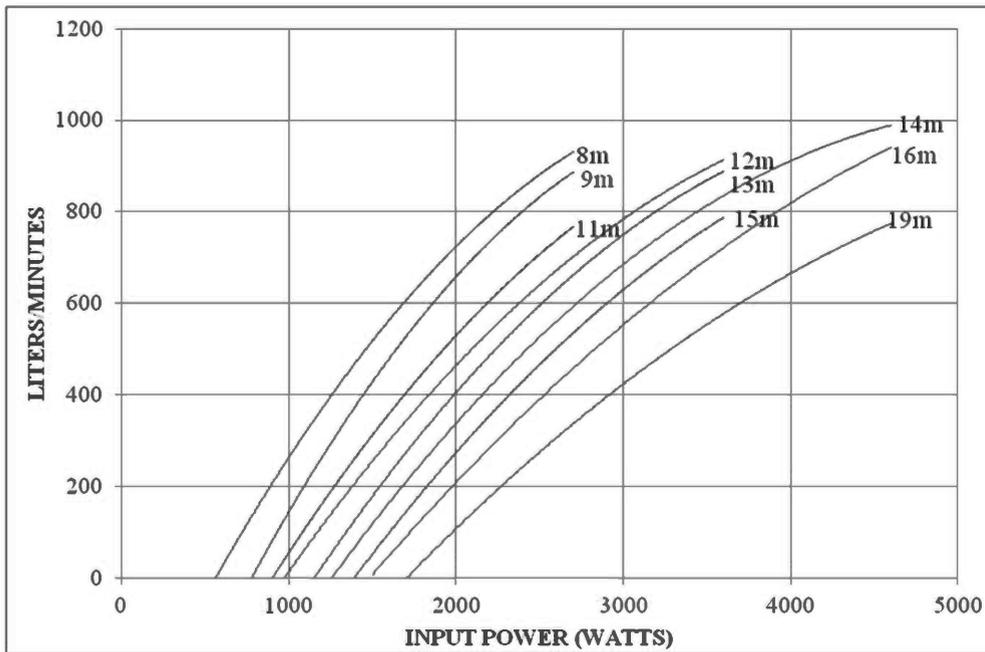
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1900	900	800	700
HEAD(M)	FLOW IN LPM						
11	767	675	535	485	0		
9	886	805	660	610	135	0	
8	900	840	715	670	275	199	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	1500	1300	1100
HEAD(M)	FLOW IN LPM						
15	767	715	640	561	0		
13	895	825	740	652	280	0	
12	930	842	756	713	280	225	0

(C)	INPUT POWER(WATT)						
	4600	4200	3800	3600	1700	1500	1300
HEAD(M)	FLOW IN LPM						
19	767	720	621	572	0		
16	940	866	771	719	245	0	
14	1001	930	859	801	310	215	0

60 DCSSP 2700/3600/4600

BSP 100 mm (4X6)
Pumpset Code   : 9500000870 [2700/3600/4600]
Chock Code   : Not Required
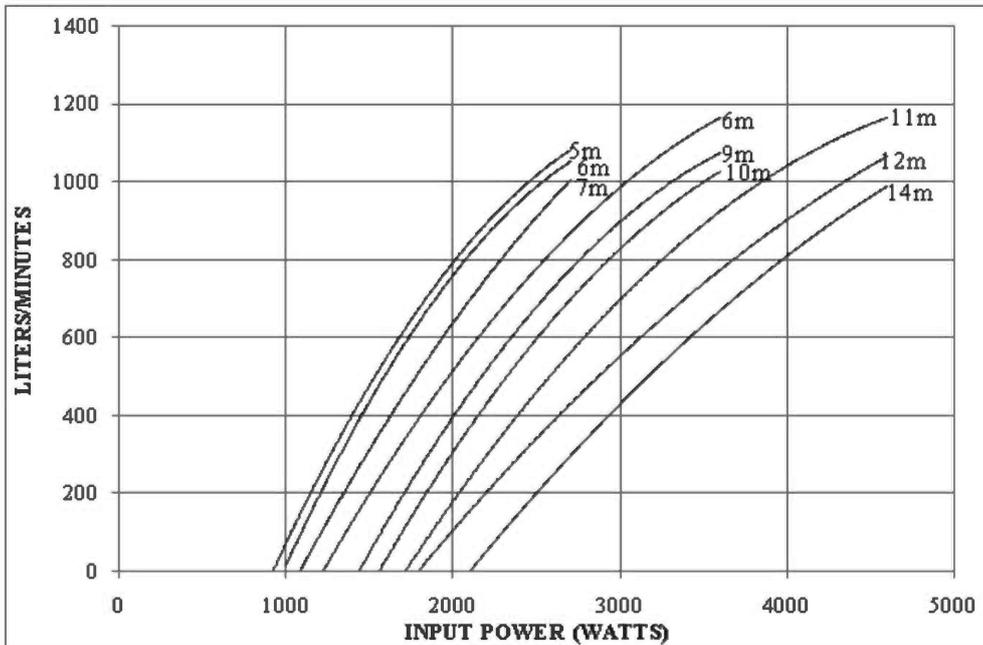
(A)	INPUT POWER(WATT)						
	2700	2400	2000	1900	1200	1000	950
HEAD(M)	FLOW IN LPM						
7	1000	841	745	650	0		
6	1047	957	760	705	320	0	
5	1081	965	780	724	335	50	0

(B)	INPUT POWER(WATT)						
	3600	3200	3000	2800	1700	1450	1150
HEAD(M)	FLOW IN LPM						
10	1000	920	846	765	0		
9	1080	968	880	825	362	0	
6	1170	1093	955	865	455	290	0

(C)	INPUT POWER(WATT)						
	4600	4200	3800	3600	2100	1800	1750
HEAD(M)	FLOW IN LPM						
14	1000	850	760	668	0		
12	1070	953	840	775	210	0	
11	1175	1080	996	890	375	73	0

8 DCSSP 2700/3600/4600

BSP 50 mm (4X4)
Pumpset Code   **: 9500000982 [2700/3600/4600]**
Chock Code   **: 9000023320**
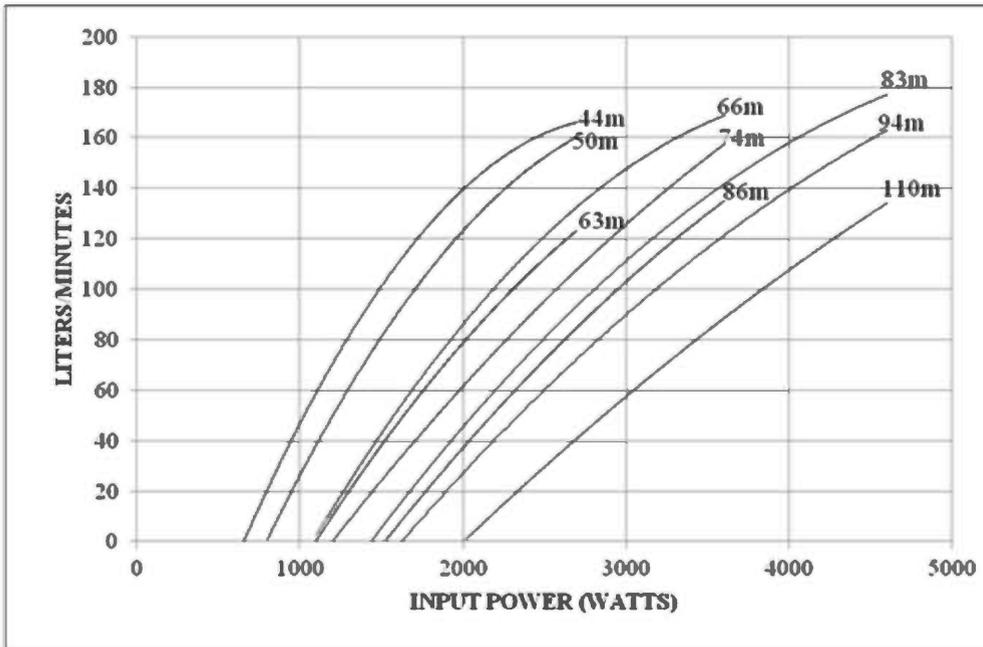
(A)	INPUT POWER(WATT)						
	2700	2400	2100	1500	1100	800	650
HEAD(M)	FLOW IN LPM						
63	134	116	85	58	0		
50	161	147	130	81	44	0	
44	169	156	136	103	60	32	0
(B)	INPUT POWER(WATT)						
	3600	3200	2800	2200	1500	1200	1100
HEAD(M)	FLOW IN LPM						
86	134	114	96	47	0		
74	157	138	114	75	31	0	
66	171	149	134	103	47	30	0
(C)	INPUT POWER(WATT)						
	4600	4000	3600	3200	2000	1600	1400
HEAD(M)	FLOW IN LPM						
110	134	109	87	69	0		
94	163	139	122	102	45	0	
83	180	154	143	120	55	22	0

5 DCSSP 2700/3600/4600

BSP 38 mm (4X4)
Pumpset Code : 9500000980 [2700/3600/4600]
Chock Code : 9000023320
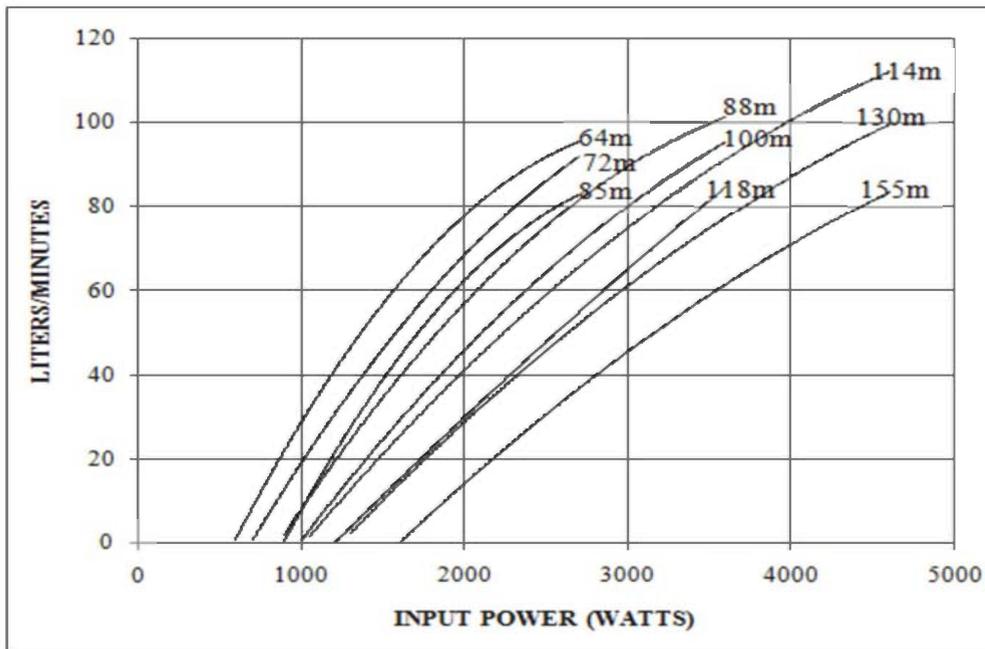
(A)	INPUT POWER(WATT)						
	2700	2400	2100	1500	900	700	600
HEAD(M)	FLOW IN LPM						
85	83	75	66	39	0		
72	92	82	74	45	14	0	
64	96	89	79	58	23	8	0
(B)	INPUT POWER(WATT)						
	3600	3200	2800	2200	1200	1000	900
HEAD(M)	FLOW IN LPM						
118	83	73	60	34	0		
100	96	84	74	54	11	0	
88	101	95	83	65	19	10	0
(C)	INPUT POWER(WATT)						
	4600	4000	3600	3200	1600	1300	1050
HEAD(M)	FLOW IN LPM						
155	83	72	62	50	0		
130	100	87	76	67	17	0	
114	113	99	92	80	27	13	0

10 DCSSP 4700/6200/8200

BSP 50 mm (4X6)
Pumpset Code : 9500000822 [4700]
Pumpset Code : 9500000539 [6200/8200]
Chock Code : 9000023320
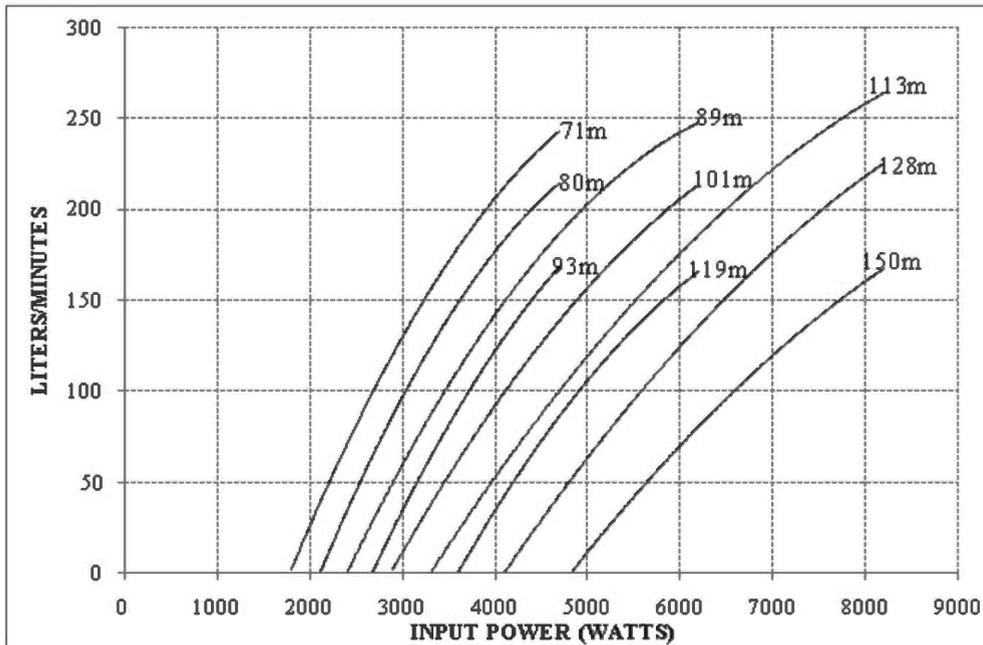
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	2600	2100	1800
HEAD(M)	FLOW IN LPM						
93	167	125	55	3	0		
80	215	175	120	70	40	0	
71	245	203	145	116	92	40	0

(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	3600	2900	2400
HEAD(M)	FLOW IN LPM						
119	167	121	83	25	0		
101	215	173	130	86	65	0	
89	252	213	176	125	115	62	0

(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4800	4100	3300
HEAD(M)	FLOW IN LPM						
150	167	130	80	25	0		
128	224	190	130	96	60	0	
113	268	226	180	132	114	65	0

12 DCSSP 4700/6200/8200

BSP 50 mm (4X6)
Pumpset Code   : 9500000832 [4700]
Pumpset Code   : 9500000550 [6200/8200]
Chock Code   : 9000023320
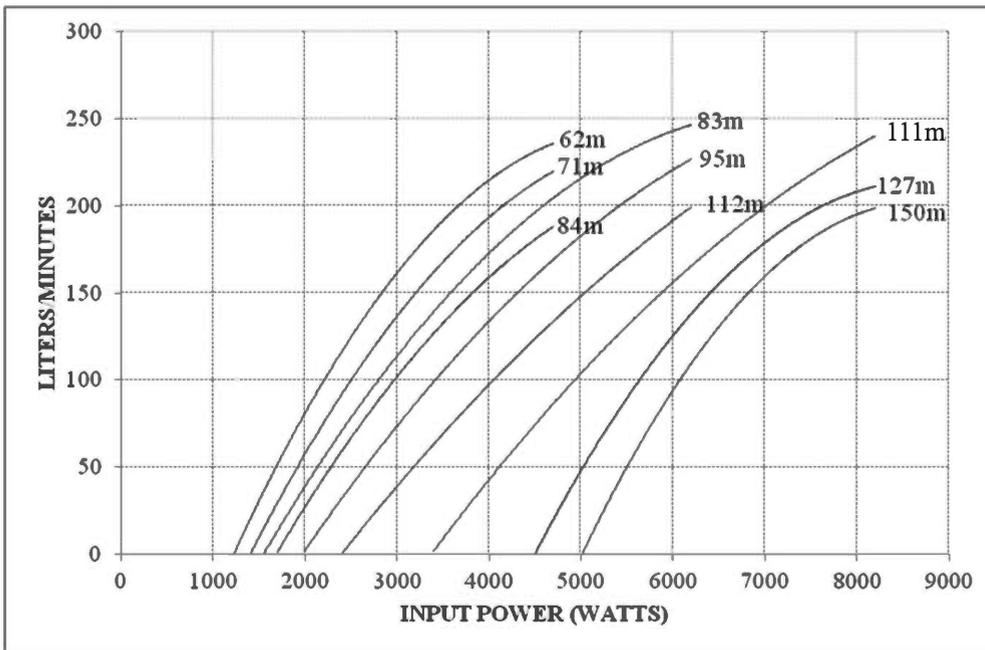
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	1700	1400	1200
HEAD(M)	FLOW IN LPM						
84	200	155	114	92	0		
71	220	193	149	124	48	0	
62	241	209	170	145	60	45	0

(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2400	2000	1600
HEAD(M)	FLOW IN LPM						
112	200	160	130	92	0		
95	227	195	166	126	51	0	
83	250	217	194	156	75	50	0

(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	5000	4500	3400
HEAD(M)	FLOW IN LPM						
150	200	166	131	95	0		
127	215	180	134	90	47	0	
111	231	192	150	110	105	78	0

15 DCSSP 4700/6200/8200

BSP 50 mm (4X4)
Pumpset Code   : 9500000841 [4700]
Pumpset Code   : 9500000558 [6200/8200]
Chock Code   : 9000023320
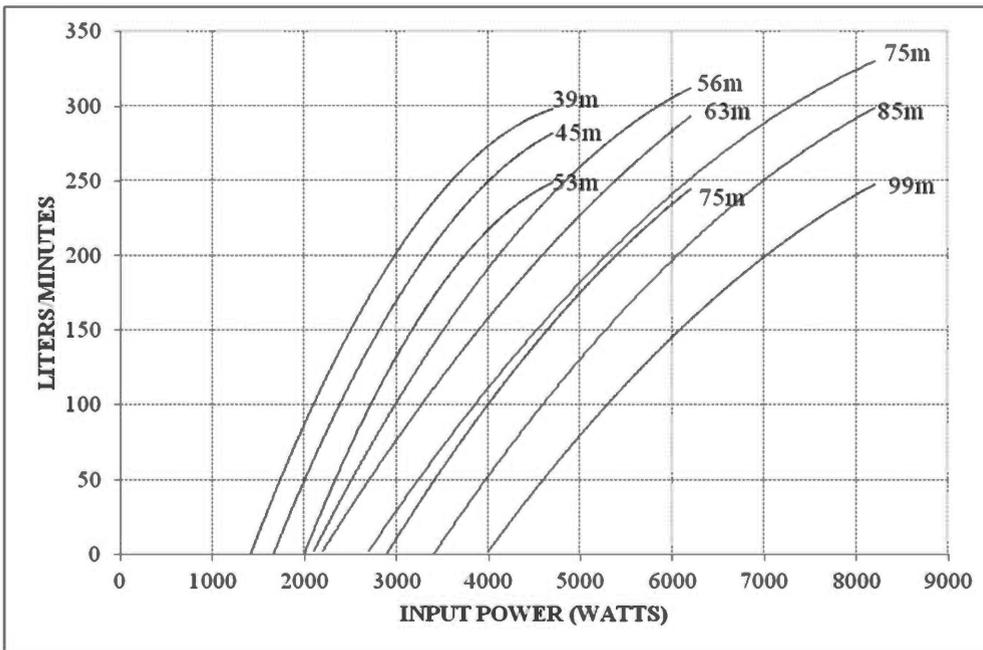
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	2000	1700	1500
HEAD(M)	FLOW IN LPM						
53	250	215	155	110	0		
45	285	245	185	155	55	0	
39	304	265	215	185	100	50	0

(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2900	2200	2100
HEAD(M)	FLOW IN LPM						
75	250	195	145	95	0		
63	295	245	195	156	70	0	
56	315	268	236	195	109	40	0

| (C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4000	3400	2900
HEAD(M)	FLOW IN LPM						
99	250	205	155	100	0		
85	301	256	208	150	75	0	
75	332	295	250	195	115	65	0

17 DCSSP 4700/6200/8200

BSP 50 mm (4X6)
Pumpset Code   : 9500000846 [4700]
Pumpset Code   : 9500000567 [8200/8200]
Check Code   : 9000023320
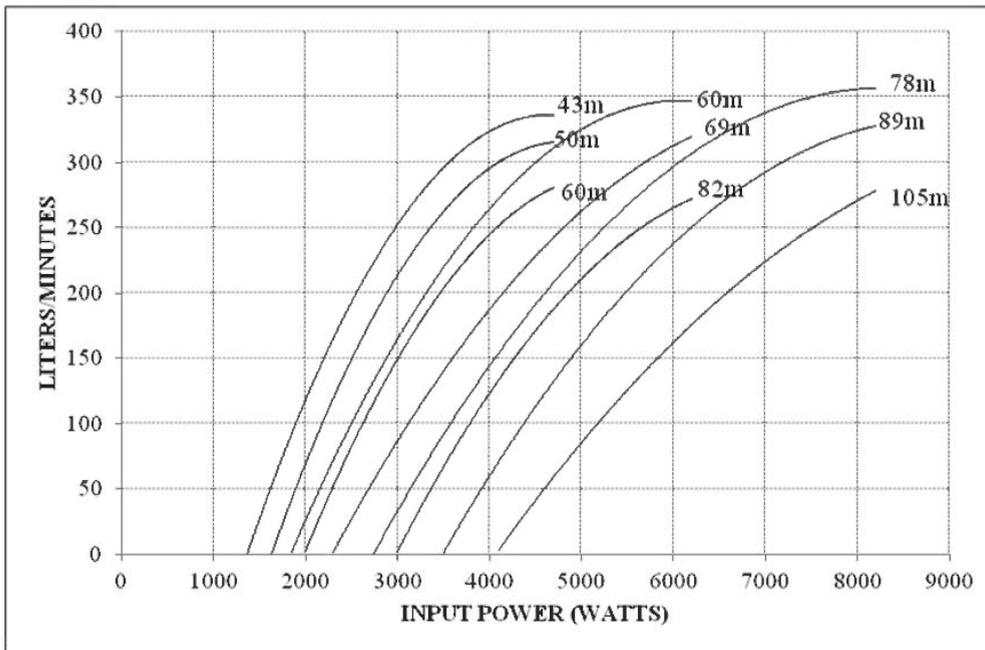
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	2000	1600	1300
HEAD(M)	FLOW IN LPM						
60	283	240	171	130	0		
50	320	280	225	195	88	0	
43	341	302	259	215	135	90	0
(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	3000	2300	1900
HEAD(M)	FLOW IN LPM						
82	283	230	169	119	0		
69	320	279	238	175	103	0	
60	351	315	272	223	148	80	0
(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4100	3200	2700
HEAD(M)	FLOW IN LPM						
105	281	230	173	110	0		
89	331	295	250	183	70	0	
78	365	326	291	245	161	90	0

30 DCSSP 4700/6200/8200

BSP 75 mm (4X6)
Pumpset Code : 9500000855 [4700]
Pumpset Code : 9500000612 [6200/8200]
Chock Code : Not Required
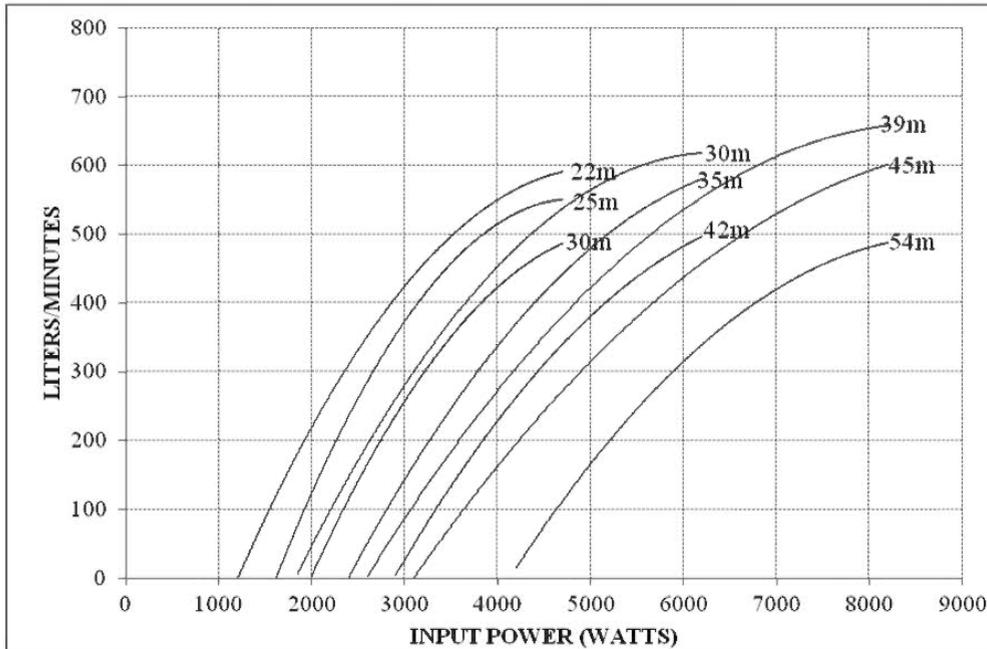
| (A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	2000	1600	1300
HEAD(M)	FLOW IN LPM						
30	500	436	296	251	0		
25	558	494	396	340	170	0	
22	600	538	445	396	224	144	0
(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2900	2400	1900
HEAD(M)	FLOW IN LPM						
42	500	411	301	220	0		
35	580	498	422	314	170	0	
30	630	552	500	409	242	170	0
(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4200	3100	2700
HEAD(M)	FLOW IN LPM						
54	500	414	332	231	0		
45	604	549	440	342	226	0	
39	670	610	548	441	322	161	0

46 DCSSP 4700/6200/8200

BSP 100 mm (4X6)
Pumpset Code   : 9500000863 [4700]
Pumpset Code   : 9500000620 [6200/8200]
Chock Code   : Not Required
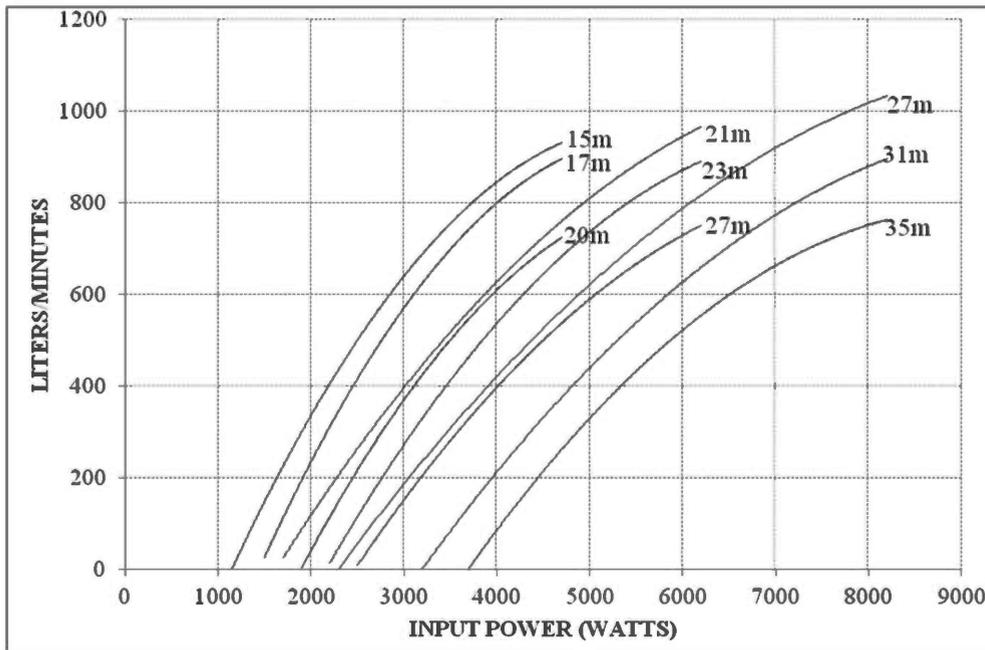
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	1900	1500	1300
HEAD(M)	FLOW IN LPM						
20	767	638	465	395	0		
17	901	799	611	510	265	0	
15	936	840	702	559	331	179	0

(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2500	2200	1900
HEAD(M)	FLOW IN LPM						
27	767	605	516	405	0		
23	902	770	646	540	225	0	
21	980	841	730	611	296	210	0

(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3700	3200	2700
HEAD(M)	FLOW IN LPM						
35	767	681	550	382	0		
31	901	754	650	523	235	0	
27	1050	935	765	625	401	280	0

60 DCSSP 4700/6200/8200

BSP 100 mm (4X6)
Pumpset Code   : 9500000871 [4700]
Pumpset Code   : 9500000628 [6200/8200]
Chock Code   : Not Required
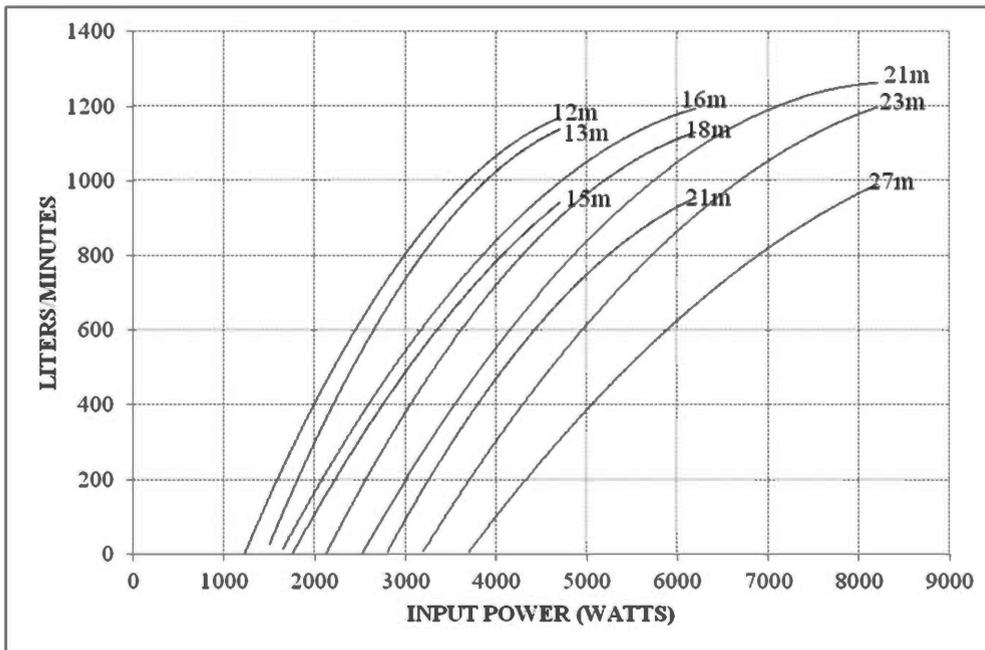
(A)	INPUT POWER(WATT)						
	4700	4000	3200	2800	1750	1600	1400
HEAD(M)	FLOW IN LPM						
15	1000	835	640	501	0		
13	1145	1015	800	669	196	0	
12	1165	1044	805	705	251	181	0

(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2800	2100	2000
HEAD(M)	FLOW IN LPM						
21	1000	810	635	536	0		
18	1145	1001	871	685	350	0	
16	1216	1070	960	790	515	165	0

(C)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3700	3200	2700
HEAD(M)	FLOW IN LPM						
27	1000	840	661	510	0		
23	1215	1055	899	715	346	0	
21	1296	1185	990	836	510	340	0

8 DCSSP 4700/6200/8200

BSP 50 mm (4X4)
Pumpset Code : 9500000983 [4700]
Pumpset Code : 9500000530 [6200/8200]
Chock Code : 9000023320
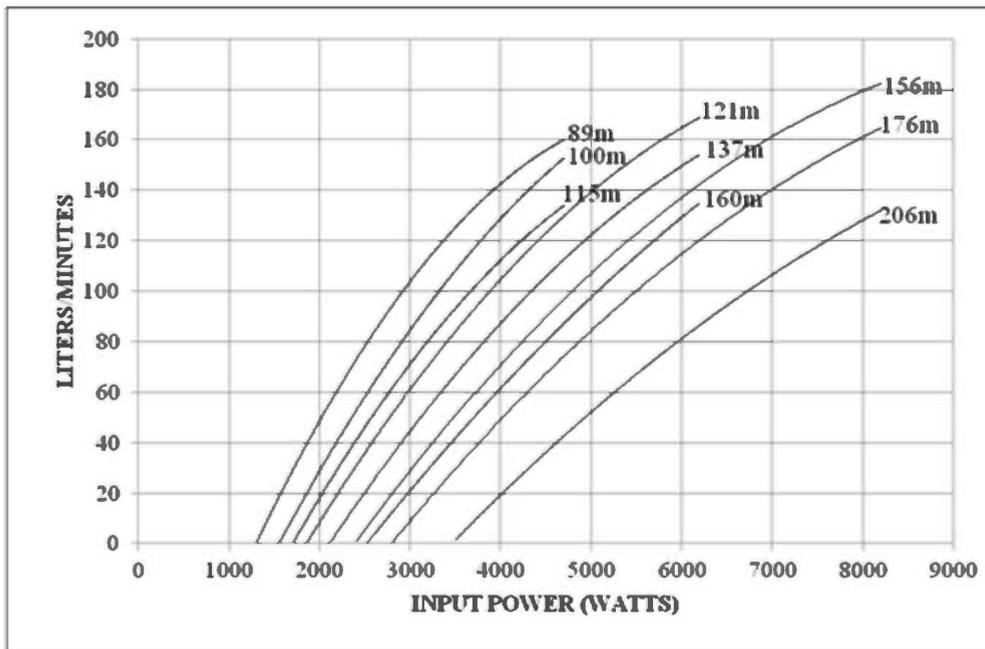
(A)	INPUT POWER(WATT)						
	4700	4200	3800	3600	1700	1550	1300
HEAD(M)	FLOW IN LPM						
115	134	119	107	96	0		
100	153	137	118	115	19	0	
89	160	150	133	131	44	18	0
(B)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2500	2100	1850
HEAD(M)	FLOW IN LPM						
160	134	110	85	55	0		
137	155	129	112	83	26	0	
121	169	148	126	102	49	20	0
(C)	INPUT POWER(WATT)						
	8200	7200	5200	4200	3500	2800	2400
HEAD(M)	FLOW IN LPM						
206	134	108	76	28	0		
176	165	145	90	58	42	0	
156	185	162	111	82	54	22	0

10 DCSSP 6200/8200/10700

BSP 50 mm (6X6)
Pumpset Code : 9500000823 [6200/8200]
Pumpset Code : 9500000706 [10700]
Chock Code : 9000023894
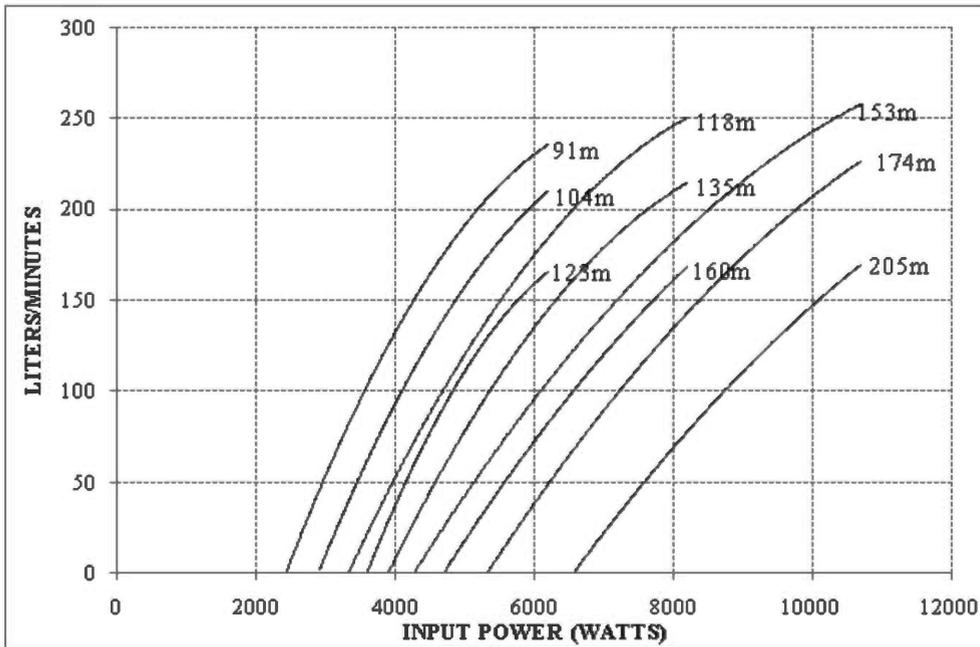
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	3600	2900	2400
HEAD(M)	FLOW IN LPM						
123	167	116	87	45	0		
104	210	178	126	90	67	0	
91	234	210	170	120	97	60	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4700	3900	3300
HEAD(M)	FLOW IN LPM						
160	167	134	77	35	0		
135	215	176	147	88	60	0	
118	256	216	180	132	100	44	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	7500	6500	5300	4400
HEAD(M)	FLOW IN LPM						
205	167	134	91	70	0		
174	225	180	151	115	74	0	
153	259	220	194	148	123	63	0

12 DCSSP 6200/8200/10700

BSP 50 mm (6X6)
Pumpset Code   : 9500000833 [6200/8200]
Pumpset Code   : 9500000735 [10700]
Chock Code   : 9000023894
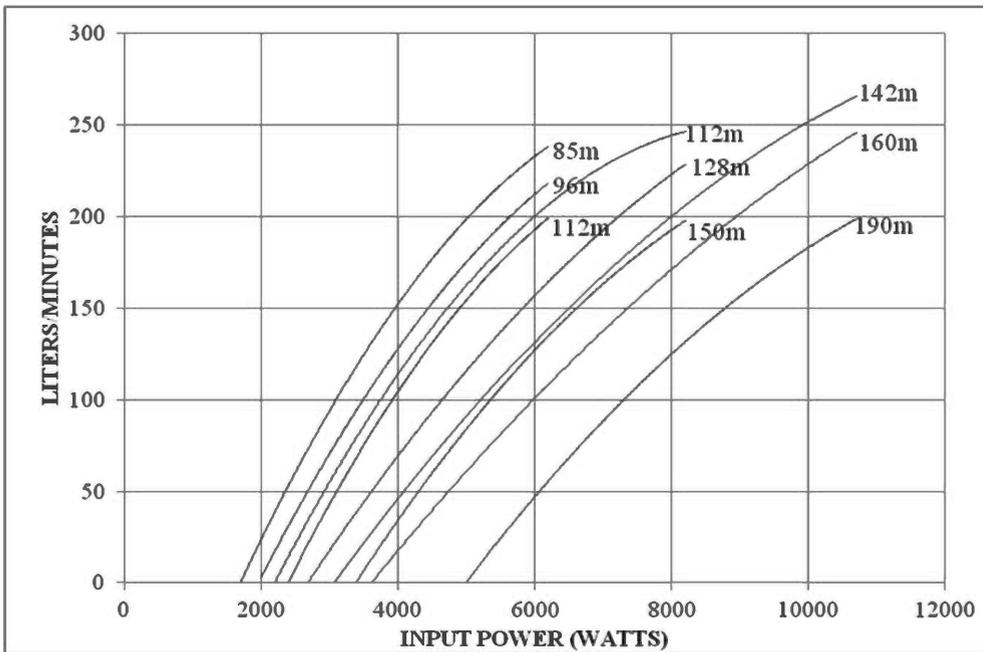
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2400	2000	1700
HEAD(M)	FLOW IN LPM						
112	200	165	136	100	0		
96	219	185	160	120	35	0	
85	237	210	185	146	45	30	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3400	2700	2300
HEAD(M)	FLOW IN LPM						
150	200	165	135	96	0		
128	230	196	165	125	75	0	
112	250	227	197	160	75	40	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	7500	5000	3600	3000
HEAD(M)	FLOW IN LPM						
190	200	168	140	110	0		
160	245	217	186	155	76	0	
142	268	236	215	185	95	49	0

15 DCSSP 6200/8200/10700

BSP 50 mm (6X4)
Pumpset Code : 9500000842 [6200/8200]
Pumpset Code : 9500000742 [10700]
Chock Code : 9000023894
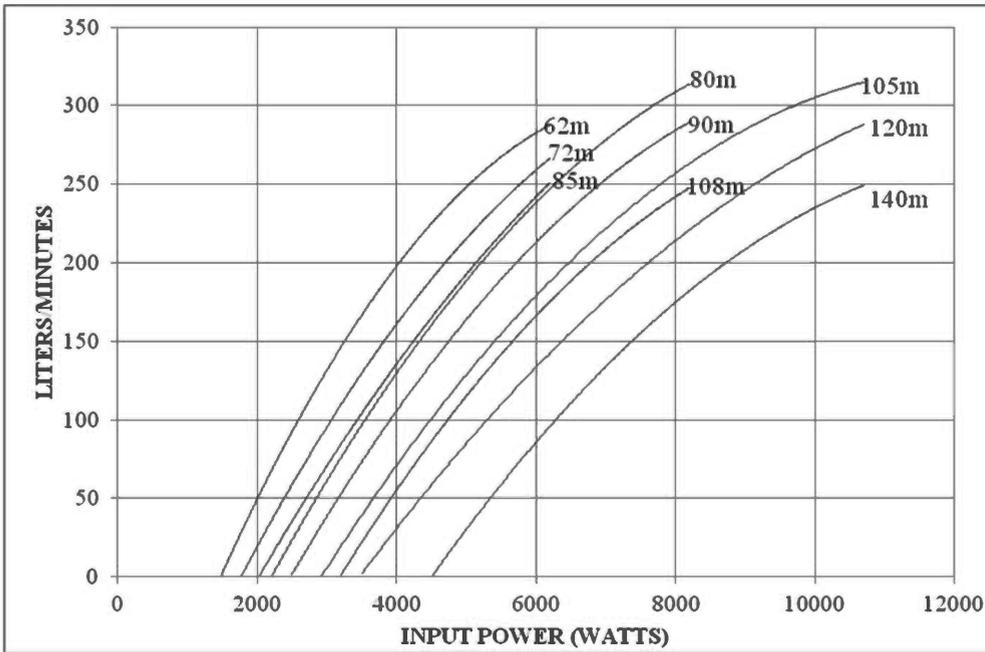
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2500	2000	1600
HEAD(M)	FLOW IN LPM						
85	250	210	170	130	0		
72	265	230	195	160	70	0	
62	290	262	222	190	100	60	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3200	2500	2200
HEAD(M)	FLOW IN LPM						
108	250	212	174	130	0		
90	290	260	220	175	75	0	
80	315	284	245	200	100	50	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4500	3500	3000
HEAD(M)	FLOW IN LPM						
140	250	220	195	130	0		
120	290	260	225	160	65	0	
105	320	290	260	190	110	50	0

17 DCSSP 6200/8200/10700

BSP 50 mm (6X6)
Pumpset Code : 9500000847 [6200/8200]
Pumpset Code : 9500000772 [10700]
Chock Code : 9000023894
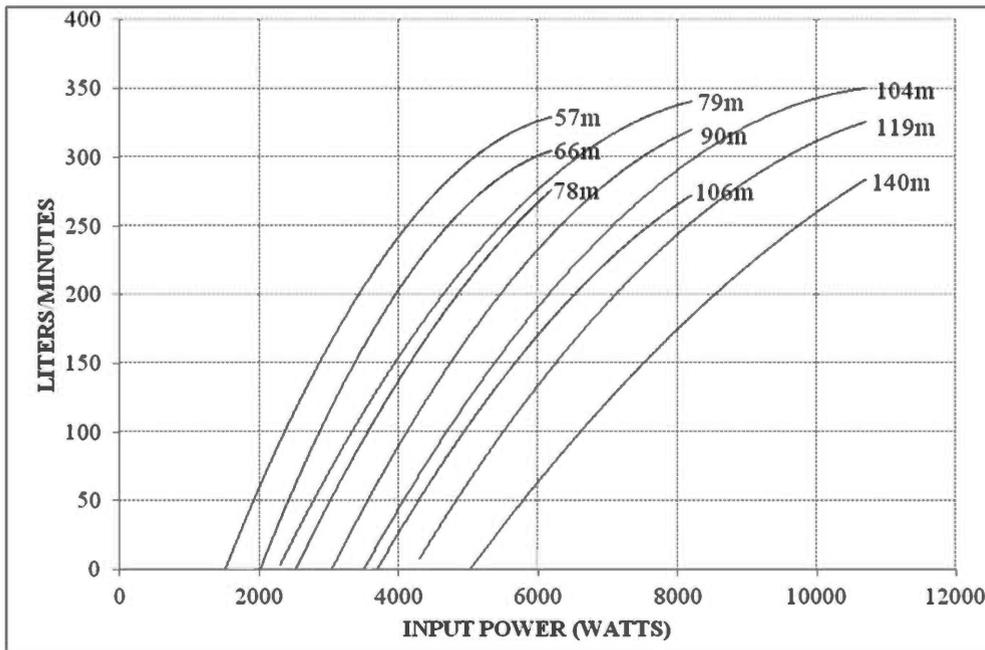
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2500	2000	1700
HEAD(M)	FLOW IN LPM						
78	283	232	200	104	0		
66	310	271	242	199	84	0	
57	335	304	272	230	131	75	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3700	3000	2400
HEAD(M)	FLOW IN LPM						
106	283	250	193	131	0		
90	322	285	244	202	95	0	
79	348	315	275	236	143	80	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	5000	4300	3400
HEAD(M)	FLOW IN LPM						
140	283	238	204	90	0		
119	330	285	259	170	92	0	
104	356	320	292	219	140	88	0

30 DCSSP 6200/8200/10700

BSP 75 mm (6X6)
Pumpset Code : 9500000856 [6200/8200]
Pumpset Code : 9500000785 [10700]
Chock Code : 9000023894
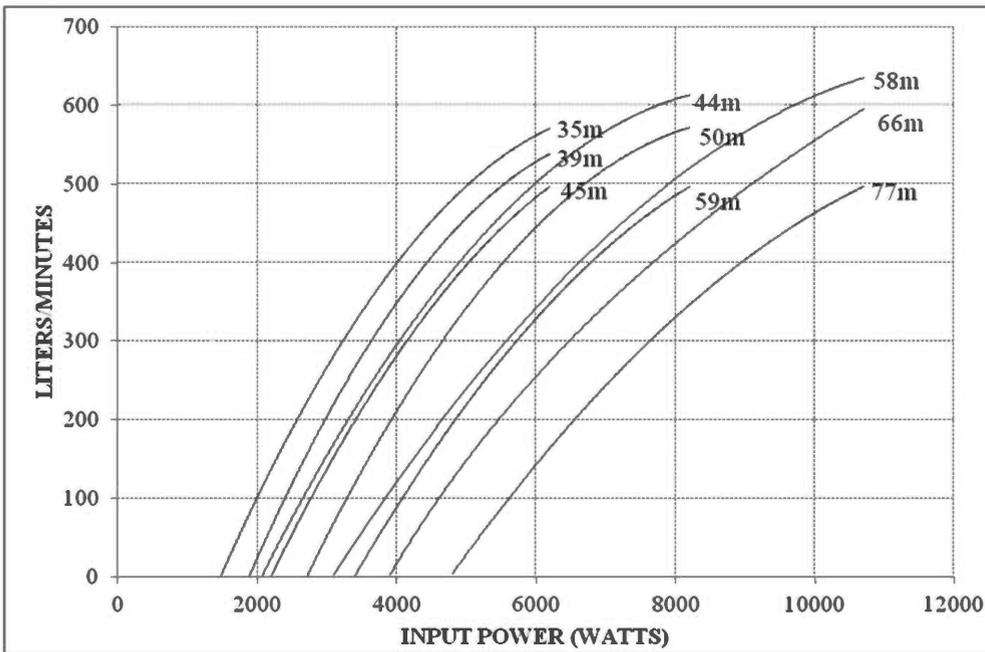
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2200	2000	1650
HEAD(M)	FLOW IN LPM						
45	500	418	358	270	0		
39	541	480	415	335	90	0	
35	576	515	456	390	160	102	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	4200	3400	2700	2300
HEAD(M)	FLOW IN LPM						
59	500	432	358	155	0		
50	580	515	451	245	181	0	
44	621	570	508	331	220	115	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4800	3900	3300
HEAD(M)	FLOW IN LPM						
77	500	434	351	215	0		
66	590	520	470	329	165	0	
58	645	586	530	373	246	131	0

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46 DCSSP 6200/8200/10700

BSP 100 mm (6X6)
Pumpset Code   : 9500000864 [6200/8200]
Pumpset Code   : 9500000929 [10700]
Chock Code   : Not Required
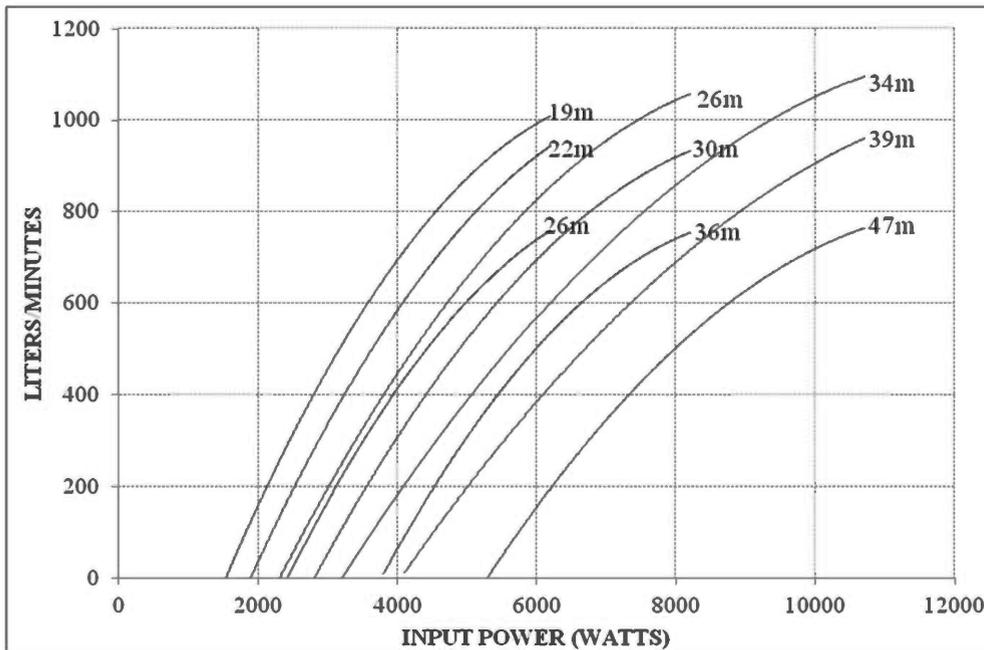
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2400	1900	1700
HEAD(M)	FLOW IN LPM						
26	767	620	546	395	0		
22	945	830	702	558	245	0	
19	1015	920	790	665	312	170	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3800	2900	2500
HEAD(M)	FLOW IN LPM						
36	767	648	530	396	0		
30	950	828	715	560	318	0	
26	1076	927	864	615	430	195	0

| (C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	5300	4100	3300
HEAD(M)	FLOW IN LPM						
47	767	673	570	260	0		
39	975	840	748	504	315	0	
34	1102	1014	890	647	452	230	0

60 DCSSP 6200/8200/10700

BSP 100 mm (6X6)
Pumpset Code   : 9500000872 [6200/8200]
Pumpset Code   : 9500000937 [10700]
Chock Code   : Not Required
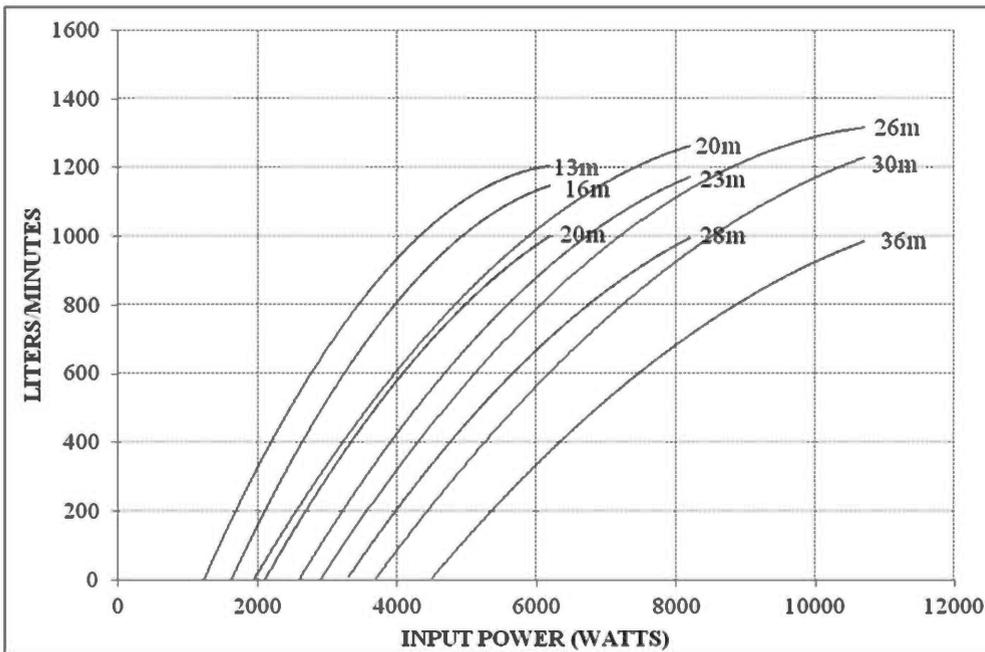
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2100	1600	1400
HEAD(M)	FLOW IN LPM						
20	1000	861	773	545	0		
16	1160	1002	904	786	293	0	
13	1220	1133	1028	924	385	220	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3300	2600	2100
HEAD(M)	FLOW IN LPM						
28	1000	878	665	540	0		
23	1185	1060	865	724	271	0	
20	1280	1158	1052	861	425	240	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4500	3700	3100
HEAD(M)	FLOW IN LPM						
36	1000	842	768	442	0		
30	1245	1102	990	672	268	0	
26	1345	1190	1142	895	510	330	0

77 DCSSP 6200/8200/10700

BSP 125 mm (6X8)
Pumpset Code : 9500000878 [6200/8200]
Pumpset Code : 9500000948 [10700]
Chock Code : Not Required
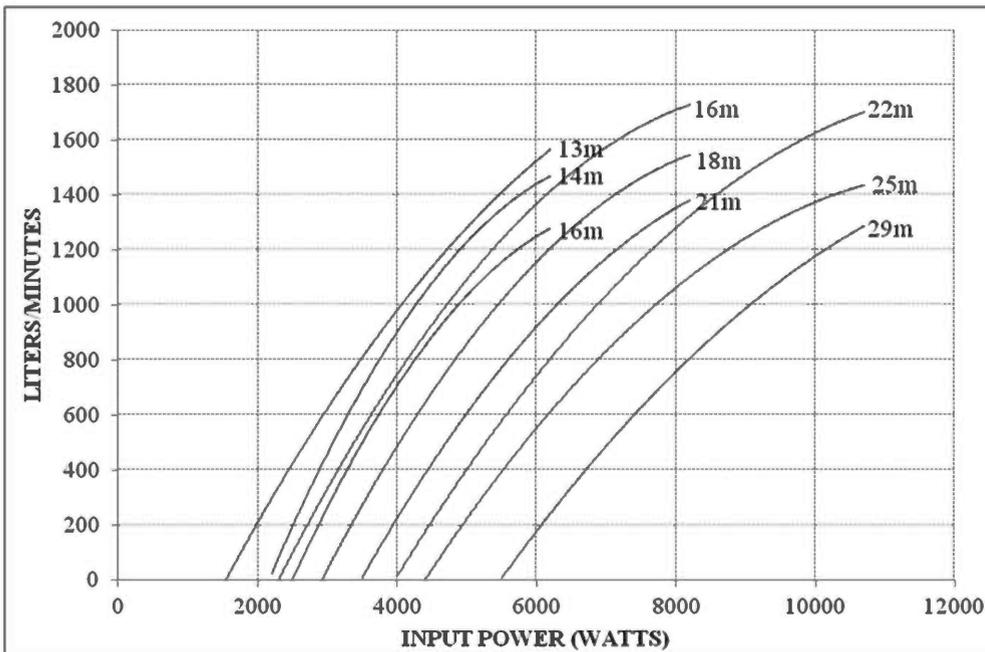
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2500	2200	2000
HEAD(M)	FLOW IN LPM						
16	1285	1090	938	661	0		
14	1493	1260	1101	901	410	0	
13	1566	1365	1180	908	490	340	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3500	2900	2500
HEAD(M)	FLOW IN LPM						
21	1285	1120	938	710	0		
18	1565	1353	1150	934	451	0	
16	1759	1525	1291	1101	591	290	0

| (C)	INPUT POWER(WATT)						
	10700	9500	8500	6500	5500	4400	4000
HEAD(M)	FLOW IN LPM						
29	1285	1100	860	420	0		
25	1458	1286	1147	739	513	0	
22	1714	1480	1333	920	689	181	0

95 DCSSP 6200/8200/10700

BSP 125 mm (6X8)
Pumpset Code   : 9500000884 [6200/8200]
Pumpset Code   : 9500000954 [10700]
Chock Code   : Not Required
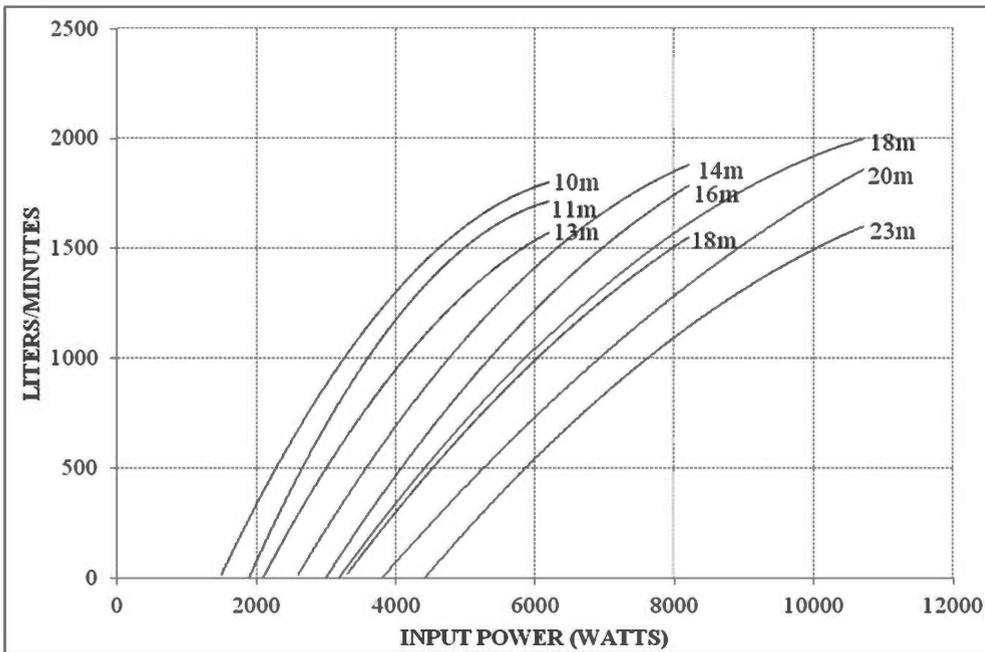
(A)	INPUT POWER(WATT)						
	6200	5300	4600	3900	2100	1900	1700
HEAD(M)	FLOW IN LPM						
13	1583	1370	1133	950	0		
11	1721	1584	1349	1160	405	0	
10	1808	1665	1492	1246	494	380	0

(B)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3300	3000	2600
HEAD(M)	FLOW IN LPM						
18	1583	1276	1013	809	0		
16	1757	1621	1270	920	165	0	
14	1890	1684	1490	1156	555	358	0

(C)	INPUT POWER(WATT)						
	10700	9500	8500	7500	4400	3800	3500
HEAD(M)	FLOW IN LPM						
23	1583	1441	1215	950	0		
20	1873	1623	1462	1133	350	0	
18	1990	1756	1608	1409	560	120	0

10 DCSSP 8200/10700/14000

BSP 50 mm (6X6)
Pumpset Code   : 9500000824 [8200]
Pumpset Code   : 9500000541 [10700/14000]
Chock Code   : 9000023894
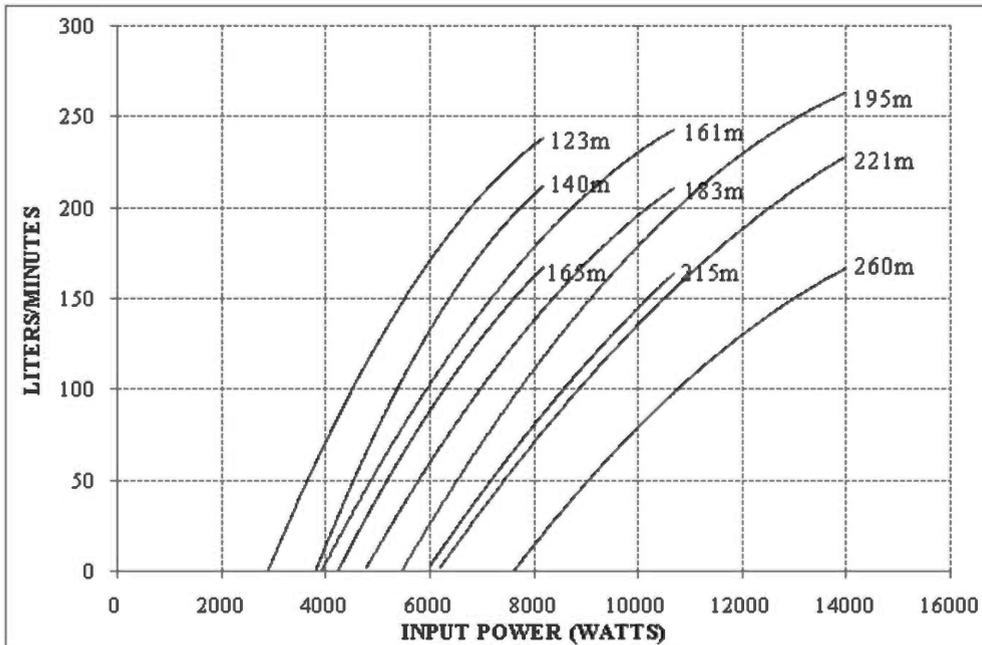
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	4200	3800	2900
HEAD(M)	FLOW IN LPM						
165	167	135	101	45	0		
140	215	177	143	95	25	0	
123	241	210	180	135	85	70	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	7000	6000	4800	4000
HEAD(M)	FLOW IN LPM						
215	167	125	98	50	0		
183	212	180	158	95	65	0	
161	246	218	180	140	110	55	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8500	7600	6200	5500
HEAD(M)	FLOW IN LPM						
260	167	130	80	30	0		
221	230	185	135	105	80	0	
195	265	225	180	130	95	45	0

12 DCSSP 8200/10700/14000

BSP 50 mm (6X6)
Pumpset Code   : 9500000834 [8200]
Pumpset Code   : 9500000553 [10700/14000]
Chock Code   : 9000023894
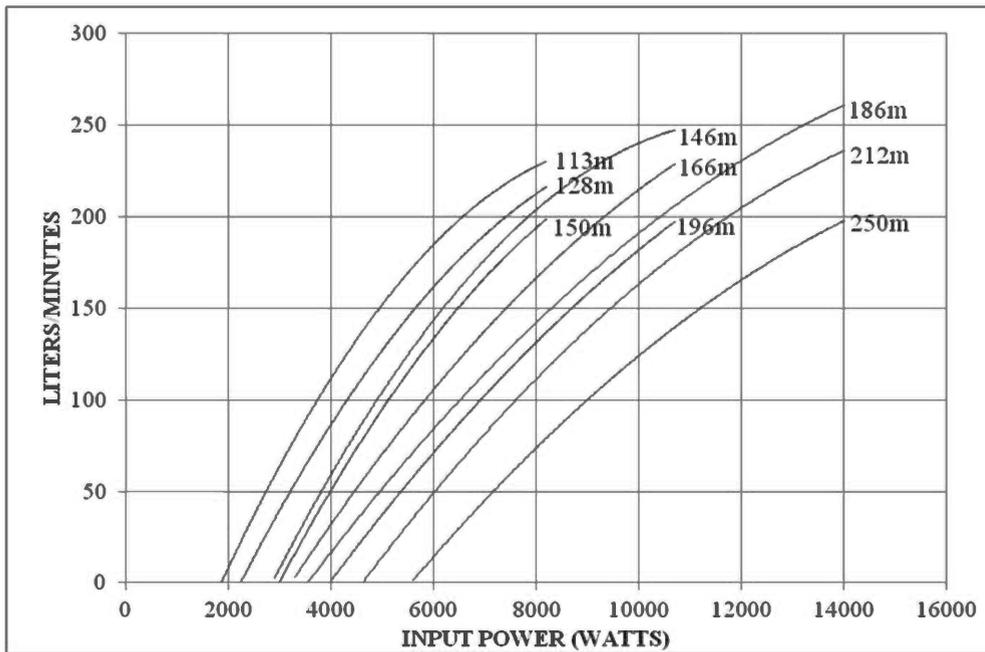
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3000	2300	2000
HEAD(M)	FLOW IN LPM						
150	200	170	140	105	0		
128	216	195	170	130	45	0	
113	236	205	190	160	70	30	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4000	3300	2900
HEAD(M)	FLOW IN LPM						
196	200	165	145	90	0		
166	231	202	176	125	35	0	
146	245	215	196	151	60	20	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5600	4600	3700
HEAD(M)	FLOW IN LPM						
250	200	160	126	76	0		
212	236	204	165	110	35	0	
186	264	225	190	145	90	45	0

15 DCSSP 8200/10700/14000

BSP 50 mm (6X4)
Pumpset Code   : 9500000843 [8200]
Pumpset Code   : 9500000560 [10700/14000]
Chock Code   : 9000023894
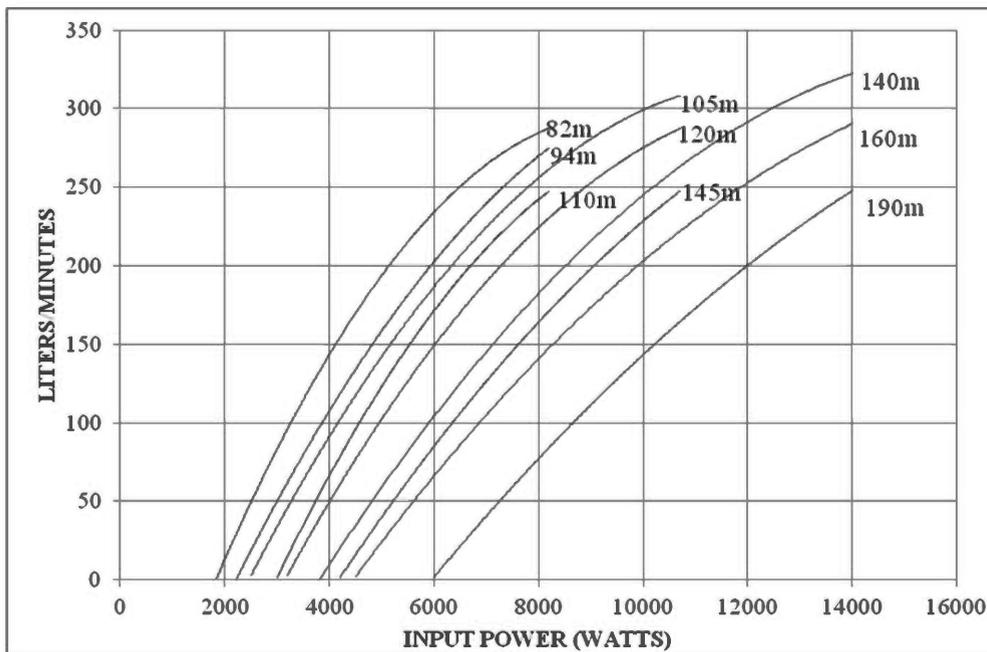
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3000	2500	2000
HEAD(M)	FLOW IN LPM						
110	250	215	175	140	0		
94	275	244	210	175	60	0	
82	290	270	235	200	91	60	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4200	3200	2500
HEAD(M)	FLOW IN LPM						
145	250	205	165	120	0		
120	290	260	240	170	80	0	
105	310	290	265	190	100	50	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6000	4500	4000
HEAD(M)	FLOW IN LPM						
190	250	195	145	100	0		
160	290	255	200	160	77	0	
140	325	280	230	180	115	60	0

17 DCSSP 8200/10700/14000

BSP 50 mm (6X6)
Pumpset Code   : 9500000848 [8200]
Pumpset Code   : 9500000605 [10700/14000]
Chock Code   : 9000023894
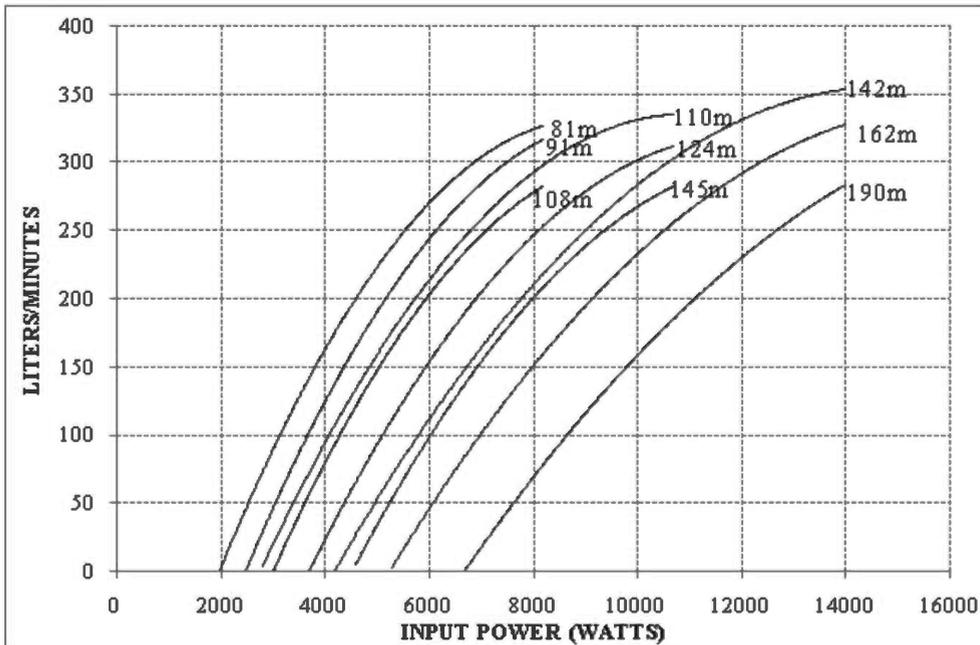
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3000	2500	2100
HEAD(M)	FLOW IN LPM						
108	283	250	214	160	0		
91	320	290	245	210	74	0	
81	335	300	274	236	100	50	0

(B)	INPUT POWER(WATT)						
	10700	8500	6500	5200	4600	3700	3100
HEAD(M)	FLOW IN LPM						
145	283	215	130	52	0		
124	315	256	185	115	80	0	
110	340	286	215	155	120	65	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6700	5300	4300
HEAD(M)	FLOW IN LPM						
190	283	230	156	74	0		
162	331	285	235	150	100	0	
142	355	315	275	210	165	80	0

30 DCSSP 8200/10700/14000

BSP 75 mm (6X6)
Pumpset Code : 9500000857 [8200]
Pumpset Code : 9500000614 [10700/14000]
Chock Code : 9000023894
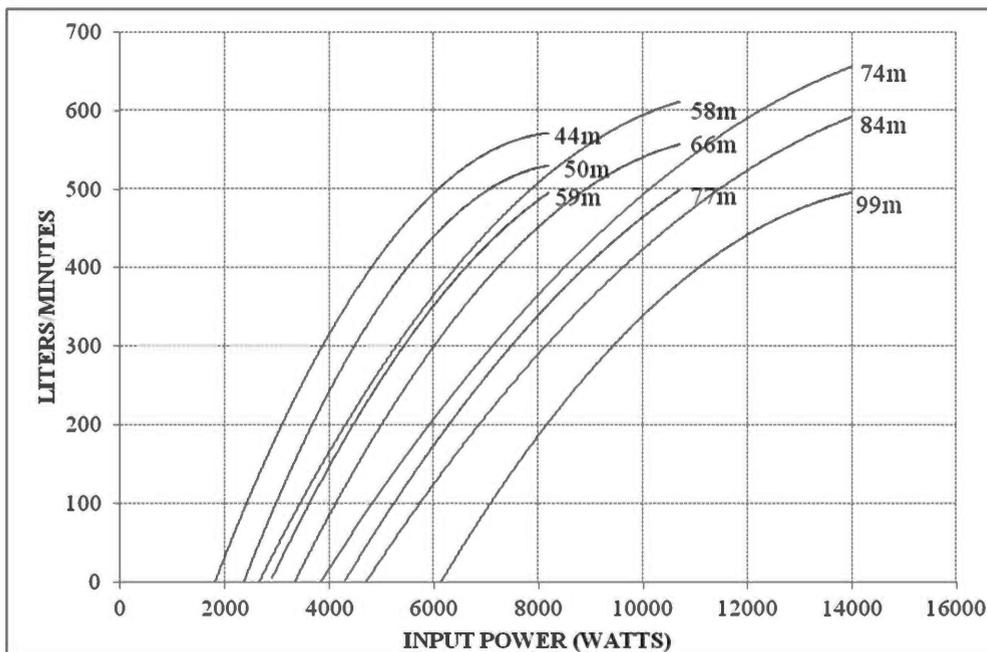
(A)	INPUT POWER(WATT)						
	8200	7200	6200	4200	2900	2300	2000
HEAD(M)	FLOW IN LPM						
59	500	436	365	180	0		
50	545	480	434	275	136	0	
44	585	545	485	350	195	95	0

(B)	INPUT POWER(WATT)						
	10700	9500	6500	5500	4300	3300	2800
HEAD(M)	FLOW IN LPM						
77	500	436	218	130	0		
66	565	515	330	265	140	0	
58	615	575	399	320	210	100	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6100	4700	4000
HEAD(M)	FLOW IN LPM						
99	500	415	335	200	0		
84	590	490	420	290	165	0	
74	665	570	481	380	185	115	0

46 DCSSP 8200/10700/14000

BSP 100 mm (6X6)
Pumpset Code   : 9500000865 [8200]
Pumpset Code   : 9500000622 [10700/14000]
Chock Code   : Not Required
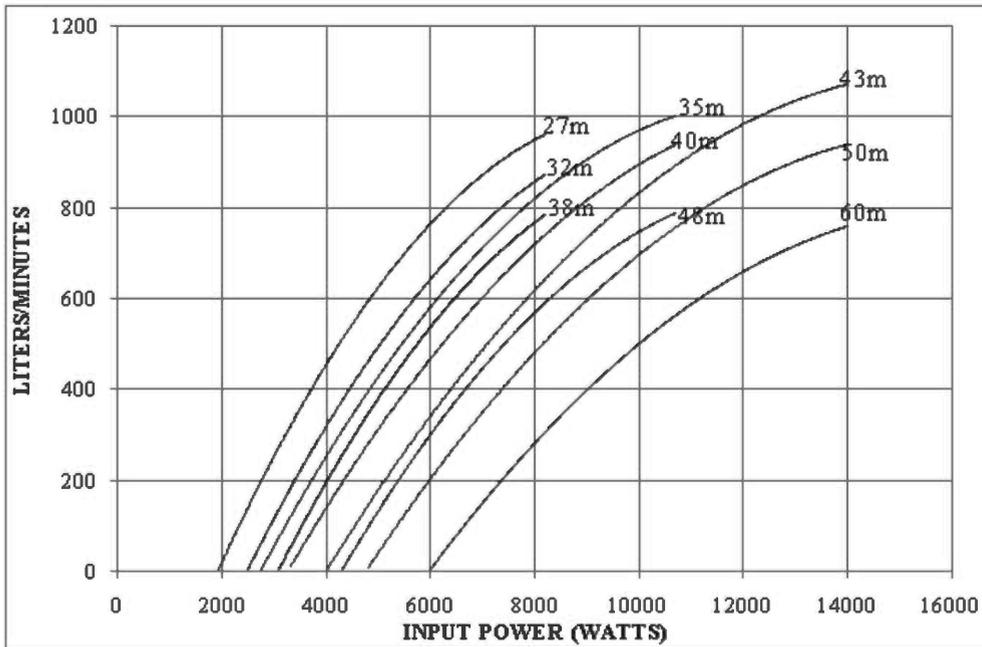
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	3100	2500	2100
HEAD(M)	FLOW IN LPM						
38	767	641	552	439	0		
32	870	793	669	520	223	0	
27	965	899	780	634	510	178	0

(B)	INPUT POWER(WATT)						
	10700	8500	6500	4500	4300	3300	2700
HEAD(M)	FLOW IN LPM						
48	767	604	400	40	0		
40	945	757	542	314	288	0	
35	1015	845	628	410	360	193	0

(C)	INPUT POWER(WATT)						
	14000	12000	8000	7000	6000	4800	4000
HEAD(M)	FLOW IN LPM						
60	767	645	300	220	0		
50	955	820	493	370	240	0	
43	1065	920	595	490	370	220	0

60 DCSSP 8200/10700/14000

BSP 100 mm (6X6)
Pumpset Code : 9500000873 [8200]
Pumpset Code : 9500000630 [10700/14000]
Chock Code : Not Required
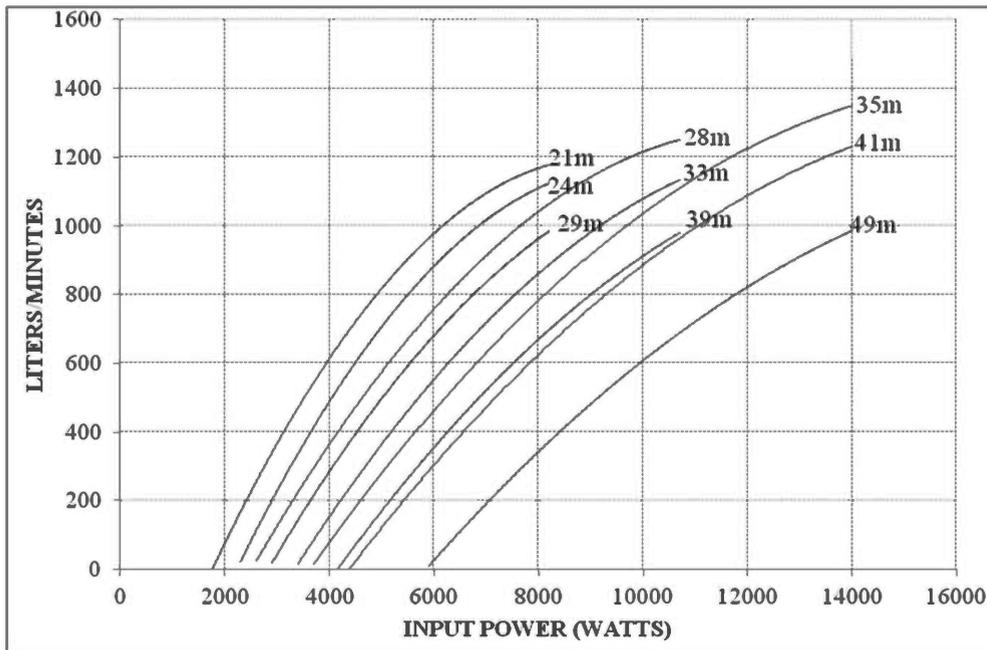
(A)	INPUT POWER(WATT)						
	8200	7200	6200	4200	2900	2300	1900
HEAD(M)	FLOW IN LPM						
29	1000	850	692	370	0		
24	1140	1020	904	548	225	0	
21	1195	1102	983	660	373	195	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4300	3400	2600
HEAD(M)	FLOW IN LPM						
39	1000	831	726	471	0		
33	1140	1033	912	640	242	0	
28	1271	1162	1083	842	450	241	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5900	4300	3700
HEAD(M)	FLOW IN LPM						
49	1000	792	618	360	0		
41	1230	1083	903	629	260	0	
35	1357	1216	1040	760	483	142	0

77 DCSSP 8200/10700/14000

BSP 125 mm (6X8)
Pumpset Code : 9500000879 [8200]
Pumpset Code : 9500000636 [10700/14000]
Chock Code : Not Required
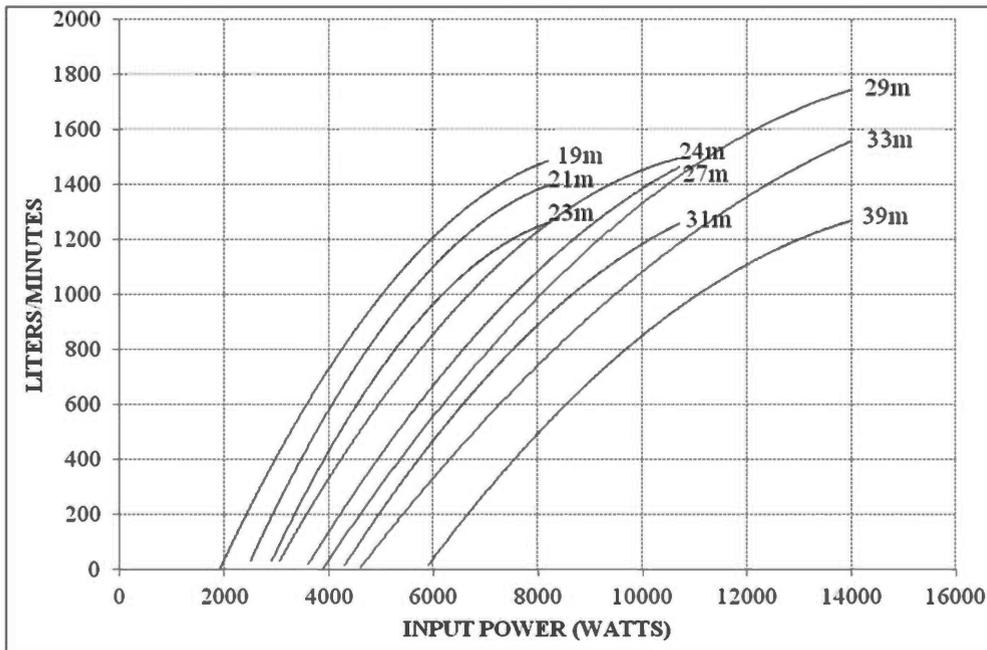
(A)	INPUT POWER(WATT)						
	8200	7200	6200	4200	2900	2500	2100
HEAD(M)	FLOW IN LPM						
23	1285	1145	930	760	0		
21	1415	1295	1068	689	260	0	
19	1508	1379	1221	776	450	260	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4300	3600	3100
HEAD(M)	FLOW IN LPM						
31	1285	1087	959	629	0		
27	1470	1272	1151	818	338	0	
24	1599	1431	1280	931	467	274	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5900	4600	4000
HEAD(M)	FLOW IN LPM						
39	1285	1040	848	570	0		
33	1570	1301	1040	819	401	0	
29	1745	1502	1300	940	640	240	0

95 DCSSP 8200/10700/14000

BSP 125 mm (6X8)
Pumpset Code : 9500000885 [8200]
Pumpset Code : 9500000660 [10700/14000]
Chock Code : 9000023894
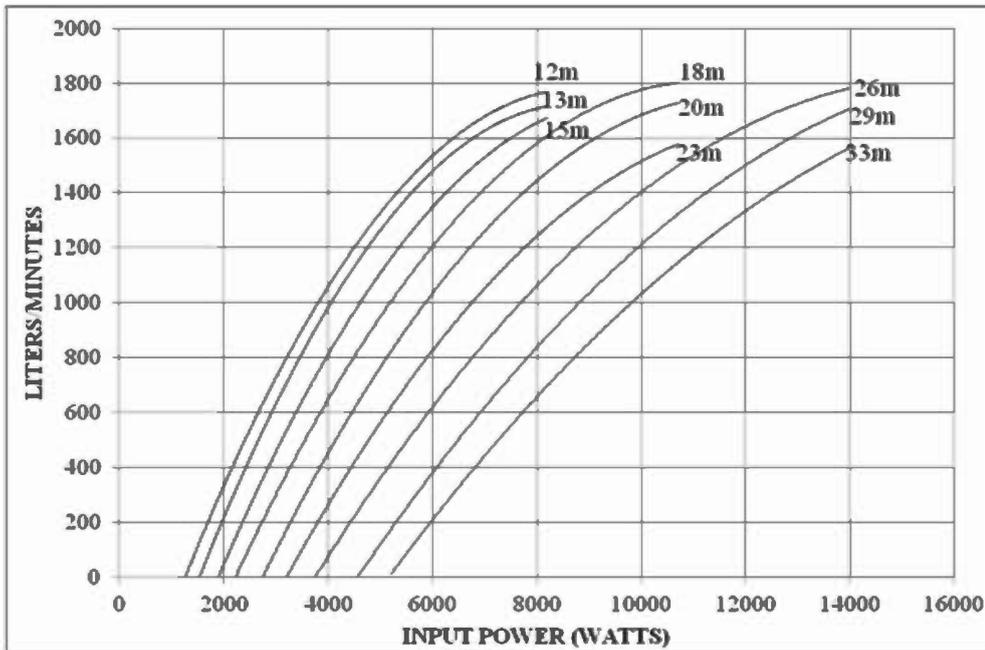
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	1900	1600	1400
HEAD(M)	FLOW IN LPM						
15	1583	1510	1346	1200	0		
13	1750	1590	1512	1340	285	0	
12	1806	1660	1540	1390	415	120	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	3200	2700	2300
HEAD(M)	FLOW IN LPM						
23	1583	1450	1326	950	0		
20	1750	1601	1520	1180	350	0	
18	1830	1720	1608	1390	485	215	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5200	4400	3800
HEAD(M)	FLOW IN LPM						
33	1583	1301	1029	690	0		
29	1718	1484	1187	902	320	0	
26	1801	1600	1420	1070	568	250	0

125 DCSSP 8200/10700/14000

BSP 150 mm (6X10)
Pumpset Code : 9500000890 [8200]
Pumpset Code : 9500000668 [10700/14000]
Chock Code : Not Required
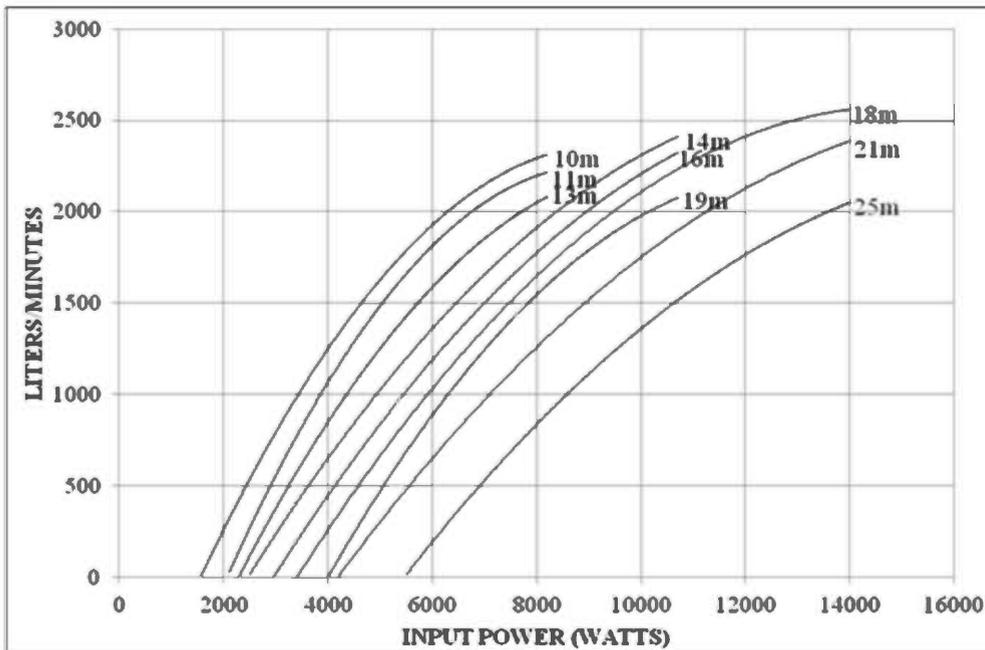
(A)	INPUT POWER(WATT)						
	8200	7200	6200	5200	2500	2100	1800
HEAD(M)	FLOW IN LPM						
13	2083	1880	1670	1350	0		
11	2250	2040	1850	1600	450	0	
10	2350	2140	1970	1700	600	400	0

(B)	INPUT POWER(WATT)						
	10700	9500	8500	6500	4000	3200	2500
HEAD(M)	FLOW IN LPM						
19	2083	1900	1650	1100	0		
16	2280	2050	1880	1350	680	0	
14	2440	2200	2000	1650	790	400	0

(C)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5500	4200	3500
HEAD(M)	FLOW IN LPM						
25	2083	1690	1380	920	0		
21	2400	2100	1780	1250	650	0	
18	2600	2350	2000	1680	920	420	0

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10 DCSSP 14000/18000/24000

BSP 50 mm (6X6)
Pumpset Code   : 9500000825 [14000]
Pumpset Code   : 9500000532 [18000/24000]
Chock Code   : 9000023895
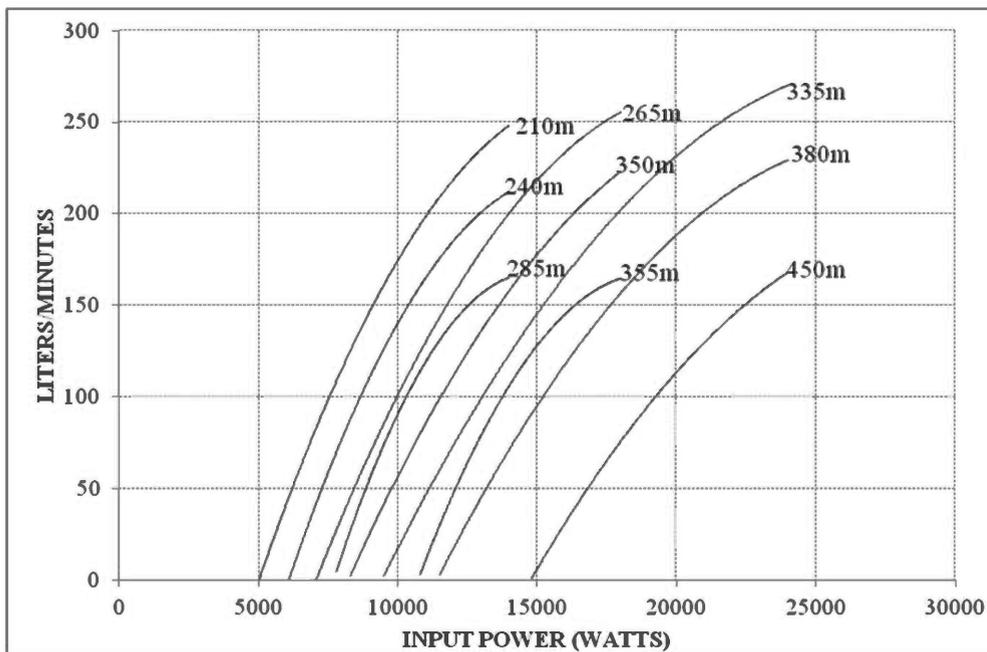
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	7800	6000	5200
HEAD(M)	FLOW IN LPM						
285	167	126	95	18	0		
240	215	182	133	90	81	0	
210	250	217	171	116	110	51	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	10800	8300	7000
HEAD(M)	FLOW IN LPM						
355	167	120	108	52	0		
350	225	194	153	114	95	0	
265	257	236	190	150	115	55	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	14800	11500	9500
HEAD(M)	FLOW IN LPM						
450	167	150	104	82	0		
380	231	211	170	150	99	0	
335	275	250	218	199	130	81	0

12 DCSSP 14000/18000/24000

BSP 50 mm (6X6)
Pumpset Code : 9500000835 [14000]
Pumpset Code : 9500000543 [18000/24000]
Chock Code : 9000023895
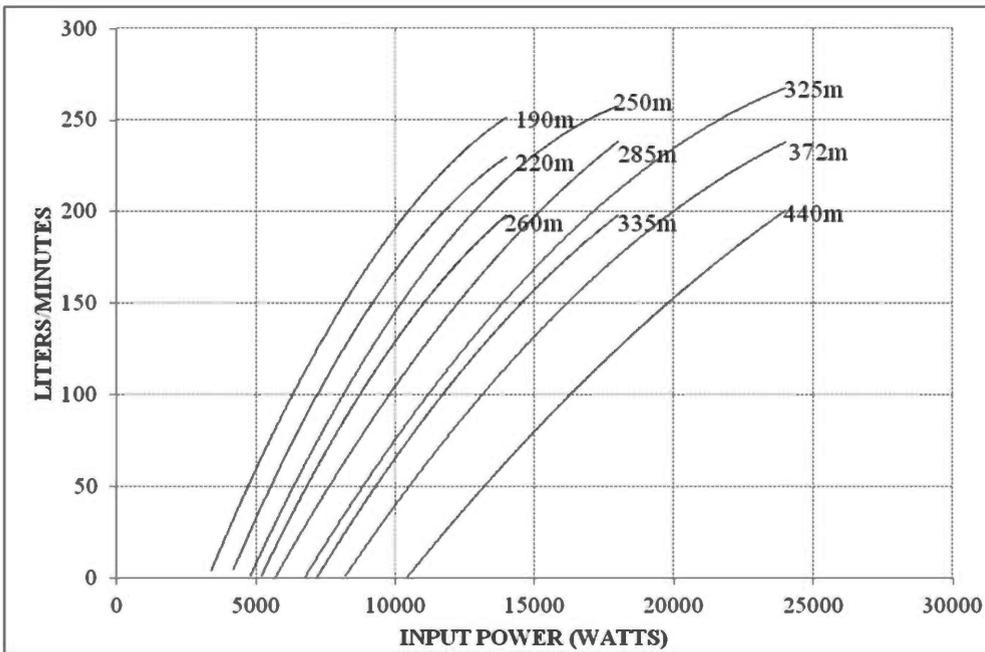
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5200	4200	3400
HEAD(M)	FLOW IN LPM						
260	200	165	128	86	0		
220	231	205	162	125	45	0	
190	251	229	190	142	71	35	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	7200	5700	4800
HEAD(M)	FLOW IN LPM						
335	200	170	139	110	0		
285	240	210	180	148	50	0	
250	262	238	206	185	80	40	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10400	8200	6600
HEAD(M)	FLOW IN LPM						
440	200	182	147	129	0		
372	236	227	196	176	64	0	
325	270	255	230	209	105	60	0

17 DCSSP 14000/18000/24000

BSP 50 mm (6X6)
Pumpset Code : 9500000849 [14000]
Pumpset Code : 9500000562 [18000/24000]
Chock Code : 9000023895
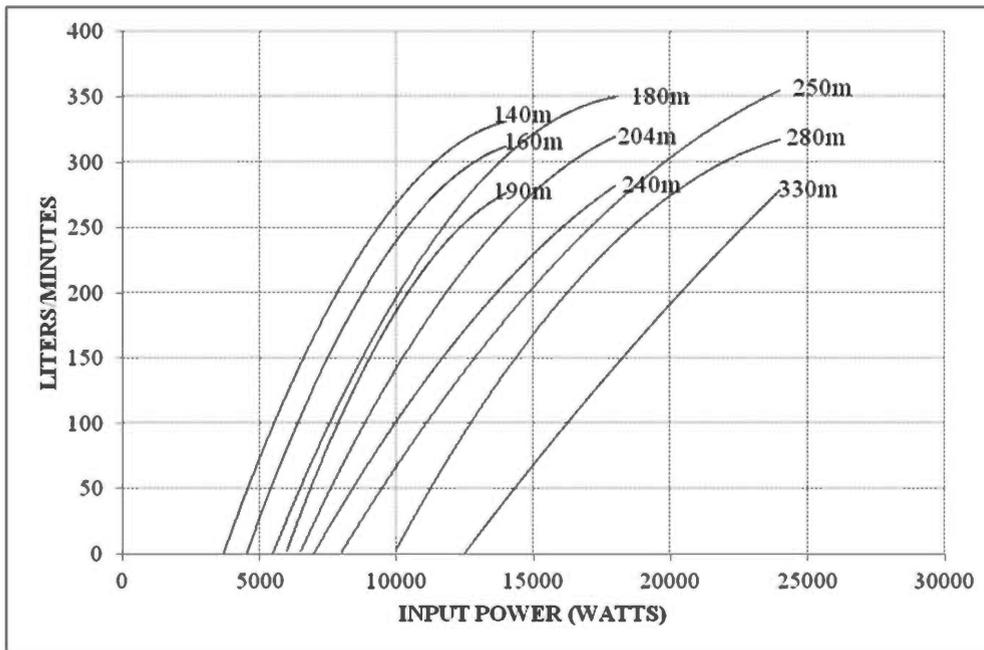
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6000	4500	4000
HEAD(M)	FLOW IN LPM						
190	283	235	190	110	0		
160	310	275	225	180	90	0	
140	340	300	255	195	135	55	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	6500	6000
HEAD(M)	FLOW IN LPM						
240	283	250	205	160	0		
204	320	295	255	215	90	0	
180	355	315	285	250	135	70	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	12500	10000	8000
HEAD(M)	FLOW IN LPM						
330	283	230	190	160	0		
280	320	300	270	240	100	0	
250	355	335	310	270	160	70	0

30 DCSSP 14000/18000/24000

BSP 75 mm (6X6)
Pumpset Code : 9500000858 [14000]
Pumpset Code : 9500000607 [18000/24000]
Chock Code : 9000023895
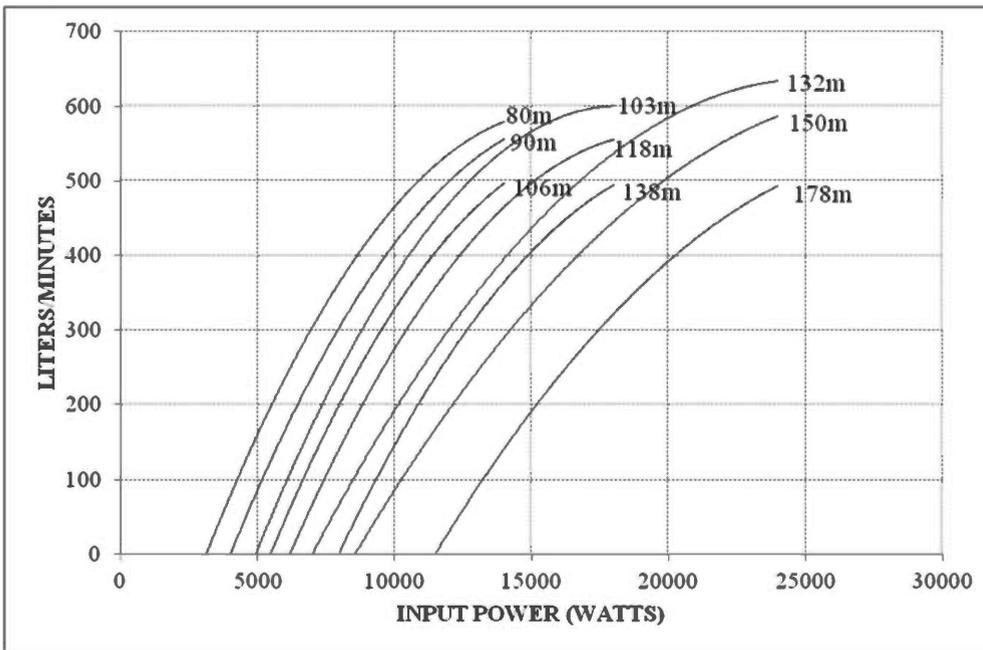
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5500	4500	4000
HEAD(M)	FLOW IN LPM						
106	500	420	340	230	0		
90	550	480	410	305	160	0	
80	580	535	455	365	210	125	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	6200	5000
HEAD(M)	FLOW IN LPM						
138	500	435	355	280	0		
118	560	520	450	380	175	0	
103	620	560	510	440	240	120	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	11500	8500	7000
HEAD(M)	FLOW IN LPM						
178	500	440	390	330	0		
150	590	550	500	450	210	0	
132	650	610	570	510	270	140	0

46 DCSSP 14000/18000/24000

BSP 100 mm (6X6)
Pumpset Code : 9500000866 [14000]
Pumpset Code : 9500000615 [18000/24000]
Chock Code : 9000023895
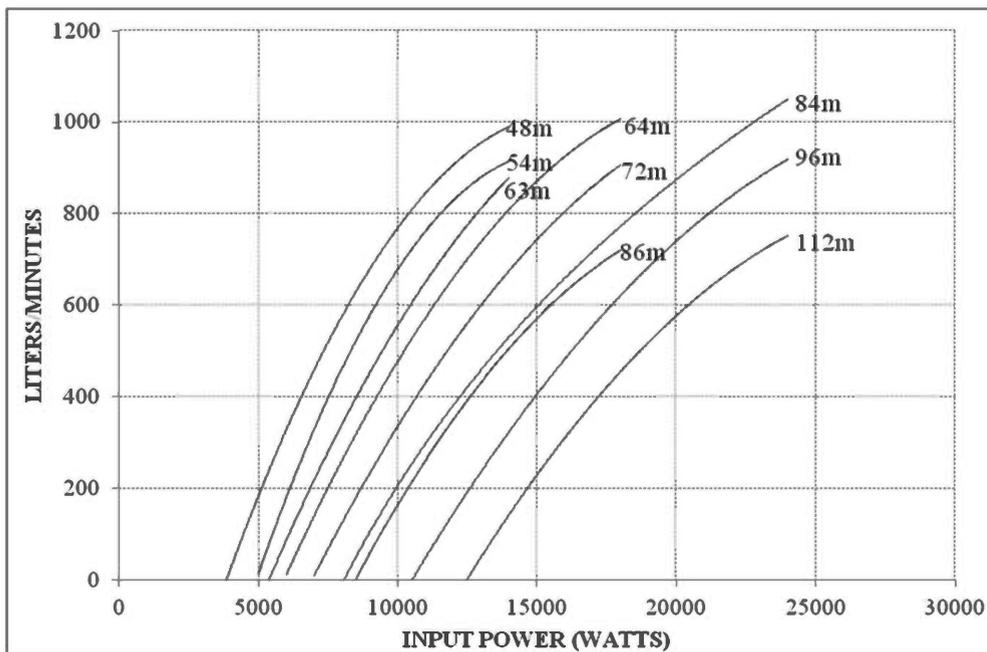
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6000	5000	4000
HEAD(M)	FLOW IN LPM						
63	767	660	540	380	0		
54	920	790	680	460	300	0	
48	1010	870	780	570	350	200	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8500	7000	6000
HEAD(M)	FLOW IN LPM						
86	767	620	500	365	0		
72	920	770	660	540	280	0	
64	1025	910	790	660	370	220	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	12500	10500	8500
HEAD(M)	FLOW IN LPM						
112	767	650	580	470	0		
96	930	820	740	635	290	0	
84	1050	955	880	760	450	290	0

60 DCSSP 14000/18000/24000

BSP 100 mm (6X6)
Pumpset Code   : 9500000874 [14000]
Pumpset Code   : 9500000623 [18000/24000]
Chock Code   : 9000023895
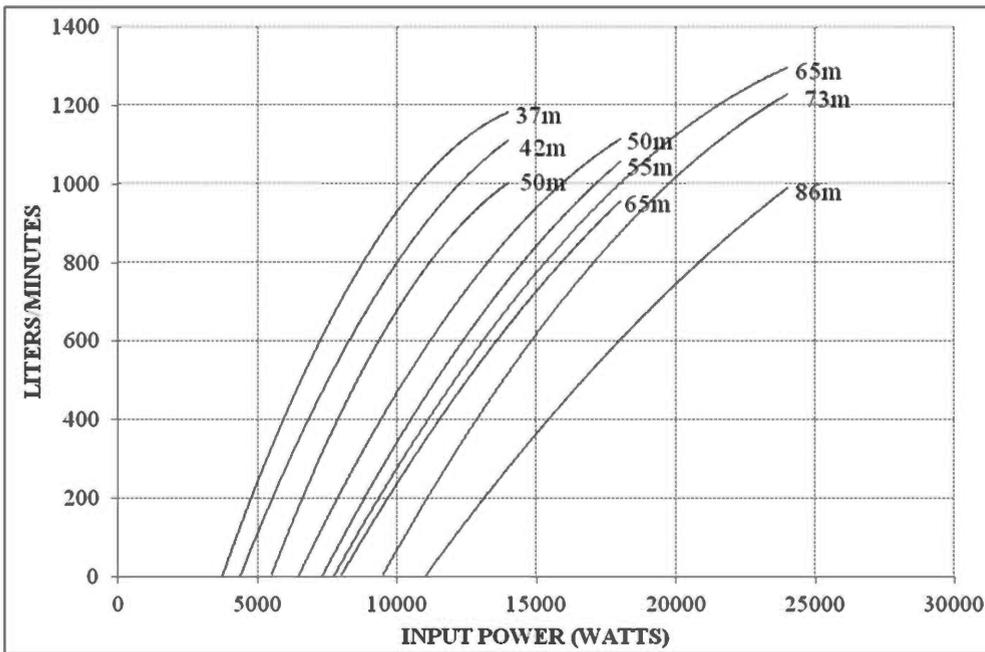
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5500	4500	4000
HEAD(M)	FLOW IN LPM						
50	1000	790	650	440	0		
42	1110	990	800	545	235	0	
37	1200	1075	910	700	390	170	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	7500	7000
HEAD(M)	FLOW IN LPM						
65	1000	830	650	490	0		
55	1065	915	740	580	120	0	
50	1080	950	760	620	180	40	0

(C)	INPUT POWER(WATT)						
	24000	22000	2000	18000	11000	9500	8000
HEAD(M)	FLOW IN LPM						
86	1000	850	765	600	0		
73	1220	1100	1025	860	250	0	
65	1320	1210	1100	1000	420	240	0

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77 DCSSP 14000/18000/24000

BSP 125 mm (6X8)
Pumpset Code : 9500000880 [14000]
Pumpset Code : 9500000631 [18000/24000]
Chock Code : Not Required
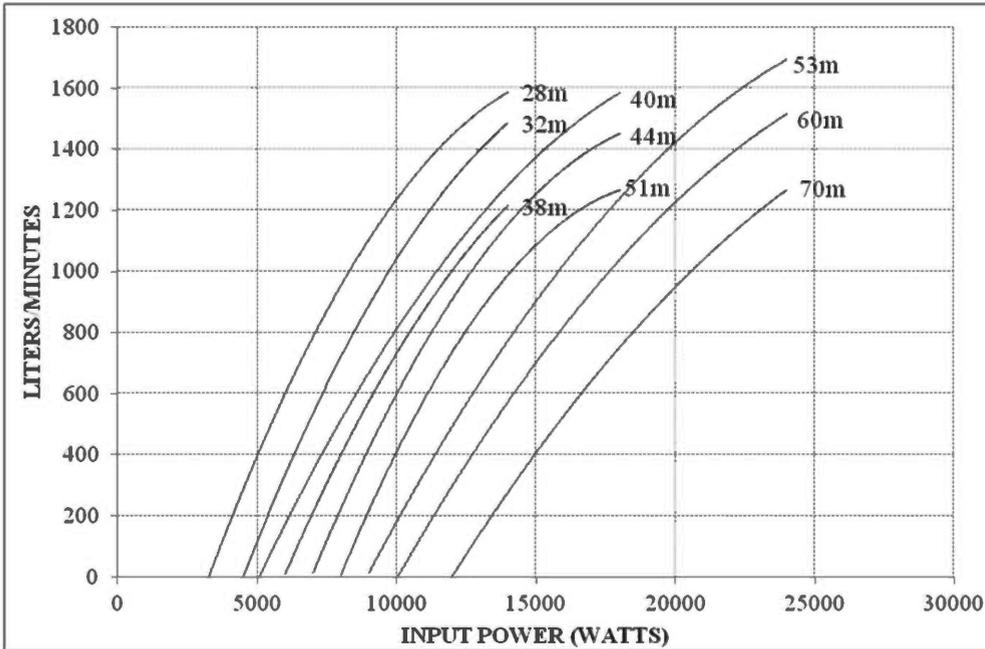
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	6000	4500	4000
HEAD(M)	FLOW IN LPM						
38	1283	1060	820	620	0		
32	1500	1290	1010	720	420	0	
28	1600	1420	1230	990	600	380	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	7000	6000
HEAD(M)	FLOW IN LPM						
51	1283	1130	900	750	0		
44	1476	1300	1000	910	460	0	
40	1580	1380	1260	1060	500	380	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	12000	10000	8500
HEAD(M)	FLOW IN LPM						
70	1283	1090	960	760	0		
60	1520	1300	1210	1020	500	0	
53	1700	1500	1300	1200	620	380	0

95 DCSSP 14000/18000/24000

BSP 125 mm (6X8)
Pumpset Code   : 9500000886 [14000]
Pumpset Code   : 9500000637 [18000/24000]
Chock Code   : Not Required
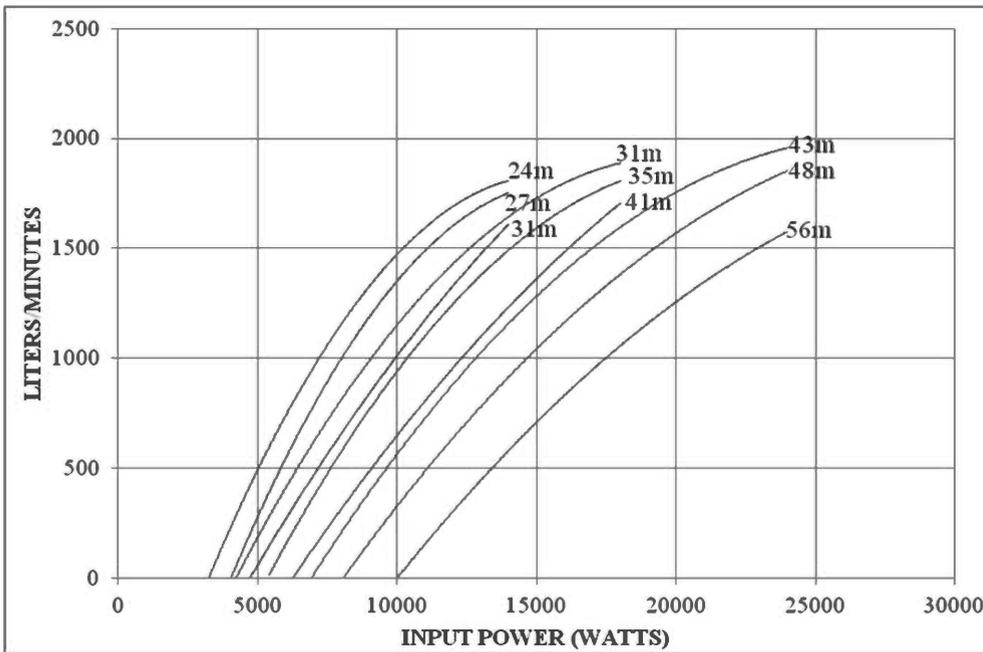
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5600	4200	3600
HEAD(M)	FLOW IN LPM						
31	1583	1345	1150	736	0		
27	1790	1541	1344	1017	575	0	
24	1809	1640	1440	1169	696	365	0

(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	6600	5400	4000
HEAD(M)	FLOW IN LPM						
41	1583	1430	1250	960	0		
35	1824	1660	1467	1275	383	0	
31	1915	1767	1650	1400	590	301	0

(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10000	8100	6900
HEAD(M)	FLOW IN LPM						
56	1583	1423	1245	1070	0		
48	1845	1745	1567	1370	436	0	
43	1987	1850	1749	1577	630	281	0

125 DCSSP 14000/18000/24000

BSP 150 mm (6X10)
Pumpset Code : 9500000891 [14000]
Pumpset Code : 9500000661 [18000/24000]
Chock Code : Not Required
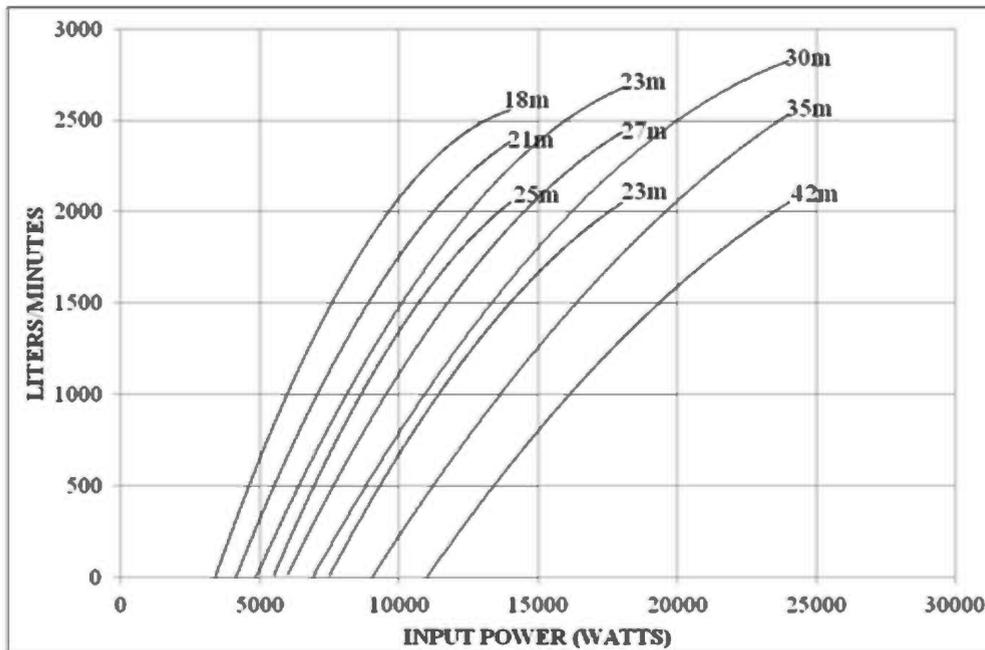
(A)	INPUT POWER(WATT)						
	14000	12000	10000	8000	5500	4200	3500
HEAD(M)	FLOW IN LPM						
25	2083	1690	1380	920	0		
21	2400	2100	1780	1250	650	0	
18	2600	2350	2000	1680	920	420	0
(B)	INPUT POWER(WATT)						
	18000	16000	14000	12000	7500	6000	5000
HEAD(M)	FLOW IN LPM						
32	2083	1770	1460	1200	0		
27	2420	2260	1900	1540	600	0	
23	2700	2500	2200	1900	950	450	0
(C)	INPUT POWER(WATT)						
	24000	22000	20000	18000	11000	9000	7000
HEAD(M)	FLOW IN LPM						
42	2083	1800	1570	1350	0		
35	2550	2300	2040	1800	750	0	
30	2840	2750	2400	2200	1100	750	0

10 DCSSP 18000/24000/32000

BSP 50 mm (6X6)
Pumpset Code : 9500000826 [18000/24000]
Pumpset Code : 9500000701 [32000]
Chock Code : 9000023895
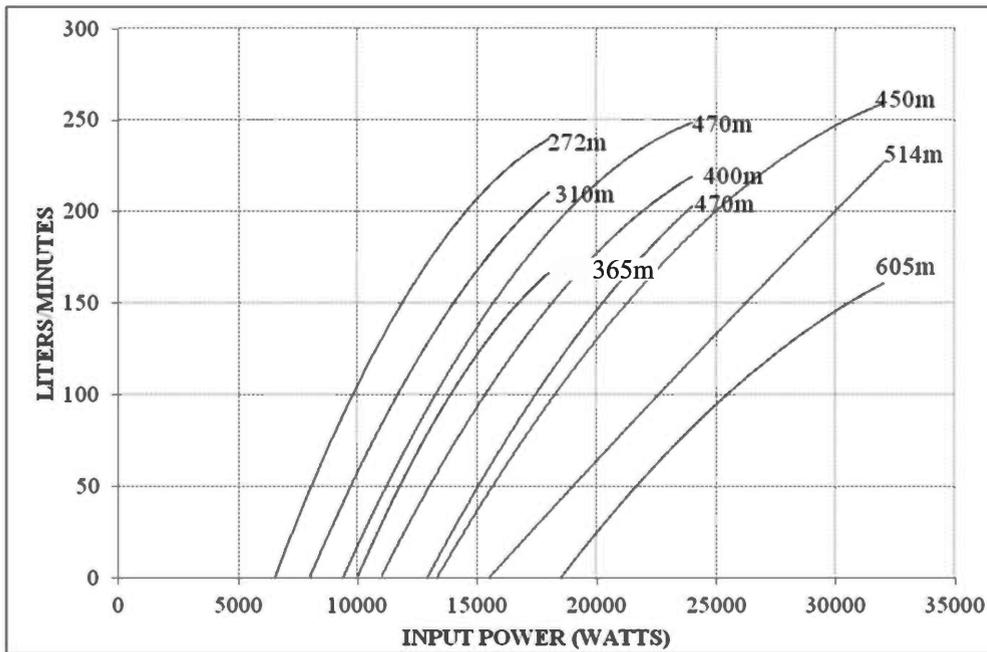
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	10000	8000	6500
HEAD(M)	FLOW IN LPM						
365	167	140	120	70	0		
310	210	188	145	110	60	0	
272	240	220	190	160	100	50	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	13500	11000	9000
HEAD(M)	FLOW IN LPM						
470	167	150	127	110	0		
400	220	200	165	145	65	0	
350	250	235	200	180	105	60	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	18500	15000	13000
HEAD(M)	FLOW IN LPM						
605	167	110	100	20	0		
514	225	177	120	80	20	0	
450	260	230	185	140	105	25	0

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12 DCSSP 18000/24000/32000

BSP 50 mm (6X6)
Pumpset Code   : 9500000836 [18000/24000]
Pumpset Code   : 9500000713 [32000]
Chock Code   : 9000023895
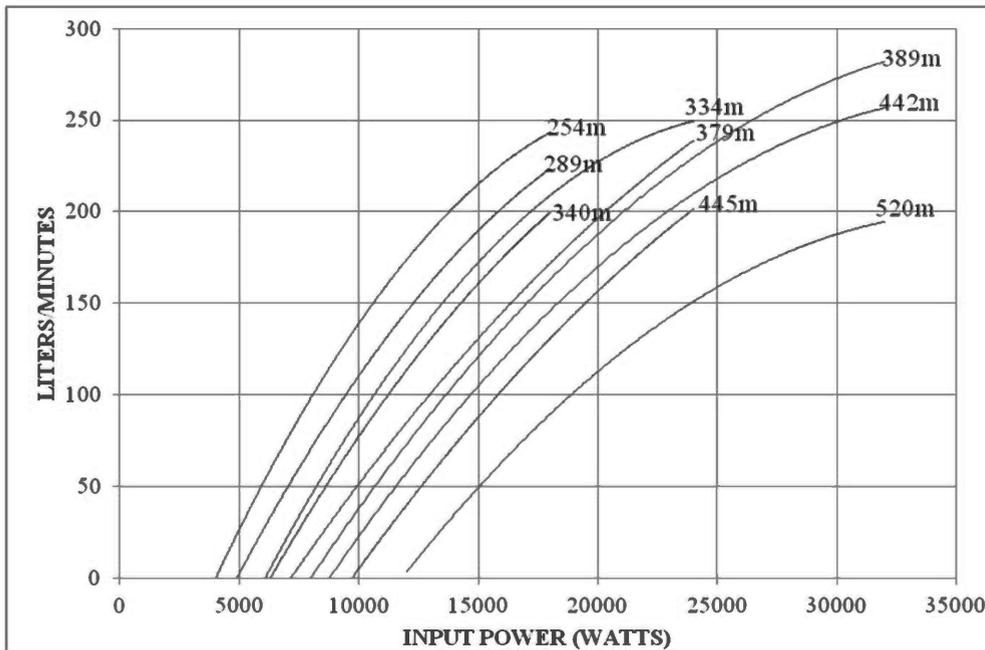
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	6300	5100	4200
HEAD(M)	FLOW IN LPM						
340	200	174	145	115	0		
289	225	201	175	145	40	0	
254	245	225	200	175	60	35	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9700	7300	6400
HEAD(M)	FLOW IN LPM						
445	200	183	156	130	0		
379	230	210	195	175	50	0	
334	255	238	220	196	96	30	0

| (C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	12000	9400	7700
HEAD(M)	FLOW IN LPM						
520	200	172	140	128	0		
442	260	235	200	165	75	0	
389	285	260	225	185	108	40	0

17 DCSSP 18000/24000/32000

BSP 50 mm (6X6)
Pumpset Code   : 9500000850 [18000/24000]
Pumpset Code   : 9500000760 [32000]
Chock Code   : 9000023895
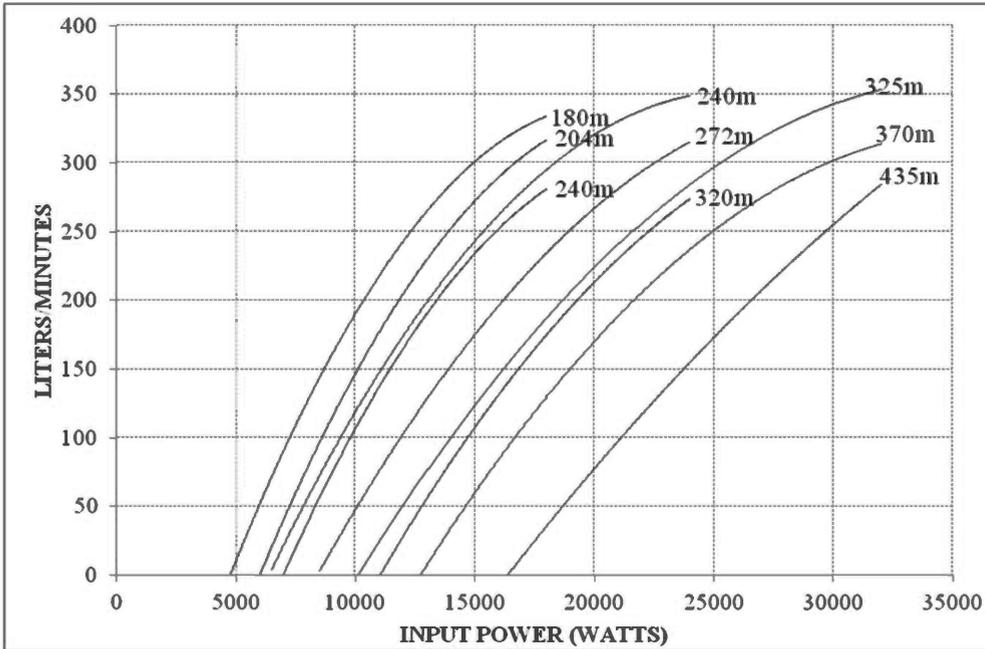
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	7000	6000	5000
HEAD(M)	FLOW IN LPM						
240	283	250	210	170	0		
204	320	285	250	220	60	0	
180	340	310	280	240	110	50	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	11000	8500	7000
HEAD(M)	FLOW IN LPM						
320	283	255	230	180	0		
272	320	290	260	240	100	1	
240	350	320	300	270	160	60	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	16000	12500	10500
HEAD(M)	FLOW IN LPM						
435	283	220	175	100	0		
370	315	280	240	180	100	0	
325	360	320	280	220	160	70	0

30 DCSSP 18000/24000/32000

BSP 75 mm (6X6)
Pumpset Code   : 9500000859 [18000/24000]
Pumpset Code   : 9500000777 [32000]
Chock Code   : 9000023895
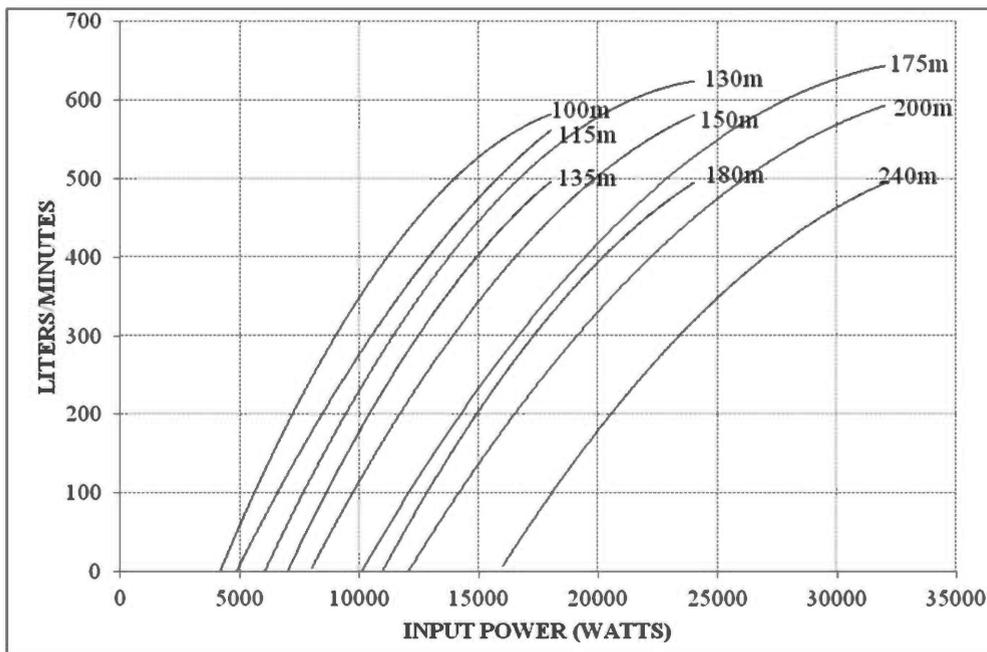
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	7000	5500	4500
HEAD(M)	FLOW IN LPM						
135	500	430	370	280	0		
115	560	510	440	365	160	0	
100	590	545	490	435	210	90	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	16000	11000	8000	6200
HEAD(M)	FLOW IN LPM						
180	500	445	390	260	0		
150	590	540	495	390	210	0	
130	630	590	560	470	290	160	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	16000	12000	10000
HEAD(M)	FLOW IN LPM						
240	500	415	315	230	0		
200	600	530	440	340	220	0	
175	650	600	515	420	285	150	0

46 DCSSP 18000/24000/32000

BSP 100 mm (6X6)
Pumpset Code : 9500000867 [18000/24000]
Pumpset Code : 9500000789 [32000]
Chock Code : 9000023895
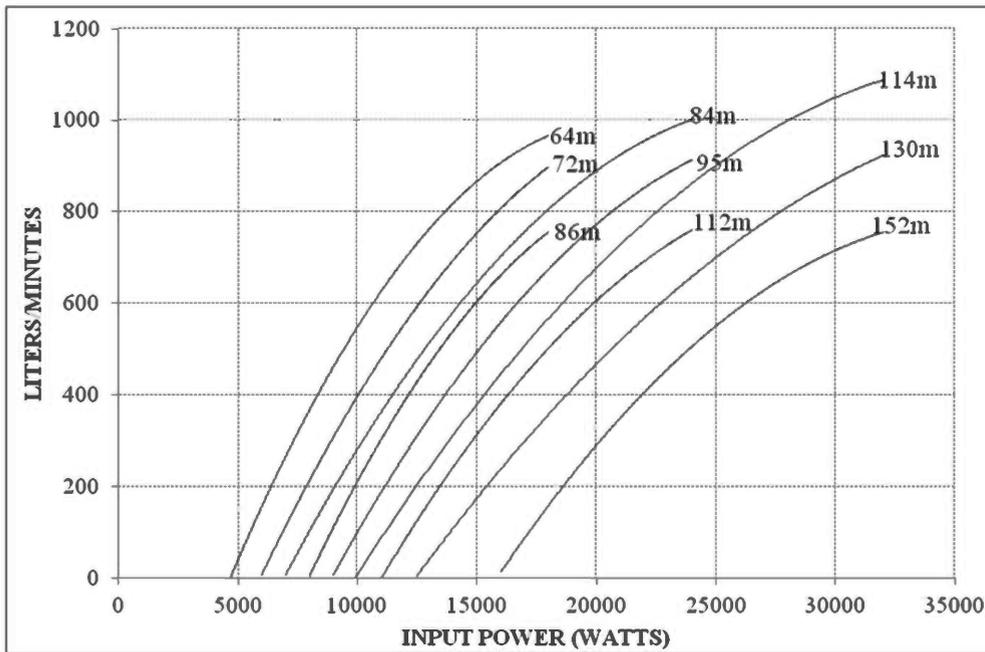
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	6000	5000
HEAD(M)	FLOW IN LPM						
86	767	625	530	430	0		
72	900	805	700	565	280	0	
64	975	900	750	680	380	200	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	11000	9000	7500
HEAD(M)	FLOW IN LPM						
112	767	675	620	500	0		
95	920	835	770	675	260	0	
84	1020	960	865	780	390	260	0

| (C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	16000	12500	10000
HEAD(M)	FLOW IN LPM						
152	767	640	500	320	0		
130	930	805	640	510	340	0	
114	1100	965	780	650	480	300	0

60 DCSSP 18000/24000/32000

BSP 100 mm (6X6)
Pumpset Code : 9500000875 [18000/24000]
Pumpset Code : 9500000932 [32000]
Chock Code : 9000023895
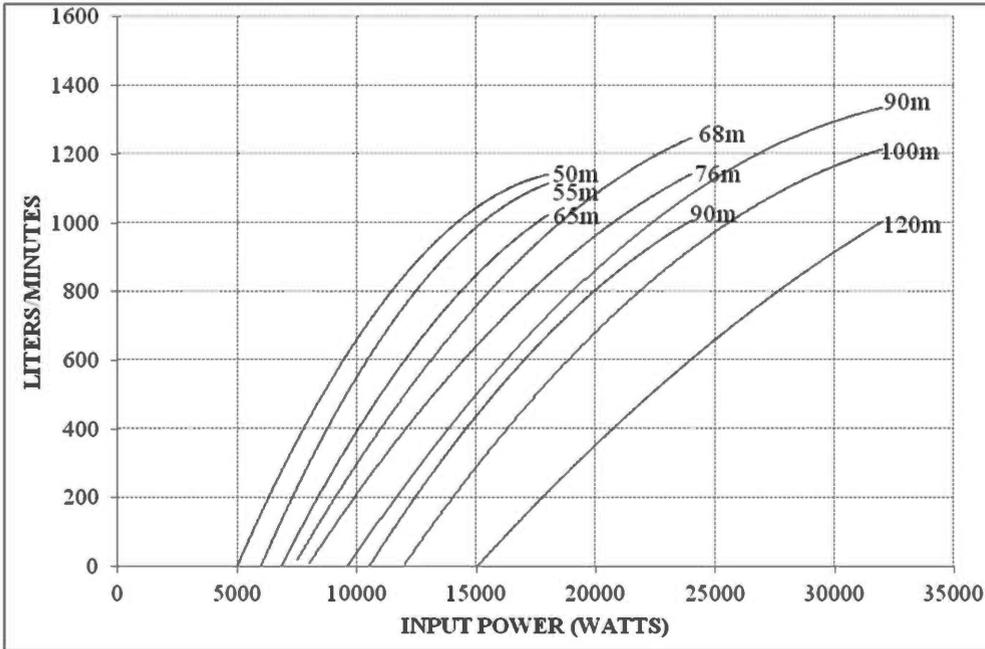
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	8000	6500	5500
HEAD(M)	FLOW IN LPM						
65	1000	910	870	540	0		
55	1150	1050	890	800	430	0	
50	1165	1080	950	840	470	300	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	16000	10500	8000	7500
HEAD(M)	FLOW IN LPM						
90	1000	930	800	520	0		
76	1150	1060	950	720	315	0	
68	1240	1200	1080	800	400	130	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	15000	12000	10000
HEAD(M)	FLOW IN LPM						
120	1000	830	600	350	0		
100	1220	1070	830	680	360	0	
90	1360	1200	1090	860	530	250	0

77 DCSSP 18000/24000/32000

BSP 125 mm (6X8)
Pumpset Code   : 9500000881 [18000/24000]
Pumpset Code   : 9500000940 [32000]
Chock Code   : 9000023895
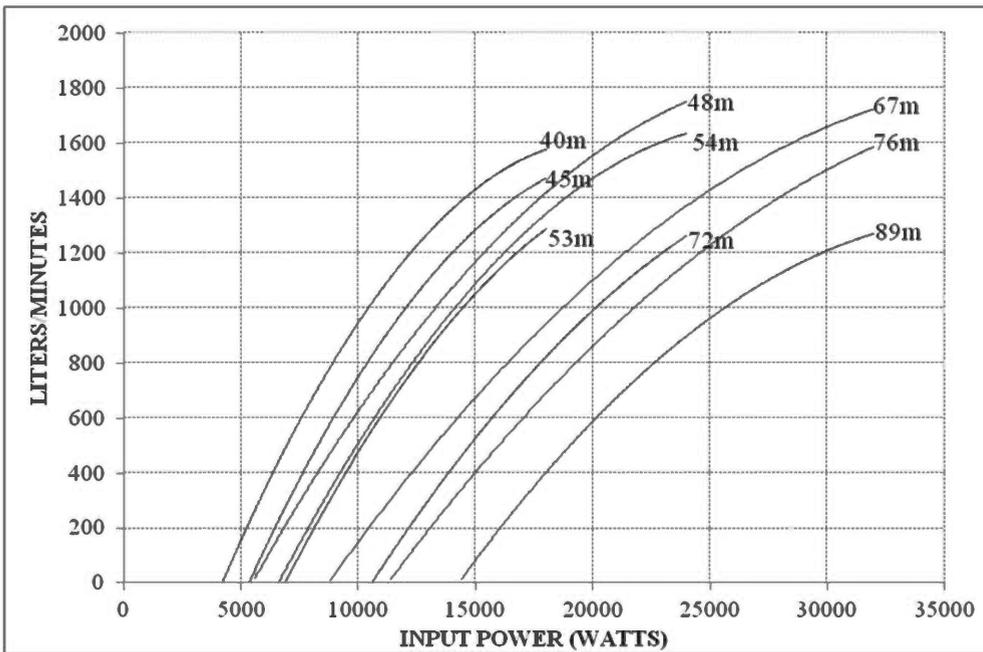
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	6900	5600	4700
HEAD(M)	FLOW IN LPM						
53	1285	1155	960	780	0		
45	1495	1329	1195	995	380	0	
40	1613	1474	1324	1152	590	309	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10600	6800	5600
HEAD(M)	FLOW IN LPM						
72	1280	1117	972	850	0		
54	1676	1550	1420	1250	645	0	
48	1770	1654	1550	1399	730	200	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14400	11400	9100
HEAD(M)	FLOW IN LPM						
89	1285	1108	875	630	0		
76	1600	1350	1150	875	420	0	
67	1746	1550	1380	1072	645	360	0

95 DCSSP 18000/24000/32000

BSP 125 mm (6X8)
Pumpset Code : 9500000887 [18000/24000]
Pumpset Code : 9500000951 [32000]
Chock Code : 9000023895
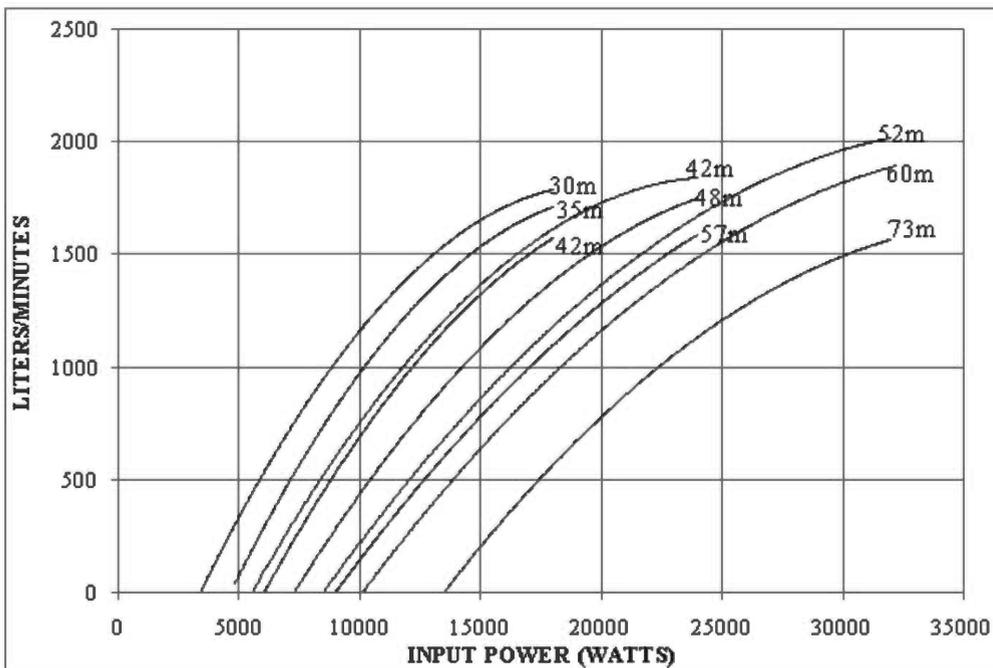
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	6000	4800	3800
HEAD(M)	FLOW IN LPM						
42	1583	1410	1232	984	0		
35	1740	1570	1440	1255	435	0	
30	1835	1685	1560	1380	630	350	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9000	7200	5900
HEAD(M)	FLOW IN LPM						
57	1583	1460	1260	1105	0		
48	1760	1640	1550	1390	470	0	
42	1880	1795	1675	1550	620	345	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13500	10000	8500
HEAD(M)	FLOW IN LPM						
73	1583	1370	1124	815	0		
60	1890	1730	1490	1180	630	0	
52	2030	1870	1650	1420	840	440	0

215 DCSSP 18000/24000/32000

BSP 150 mm (6X12)
Pumpset Code   : 9500000896 [18000/24000]
Pumpset Code   : 9500000969 [32000]
Chock Code   : Not Required
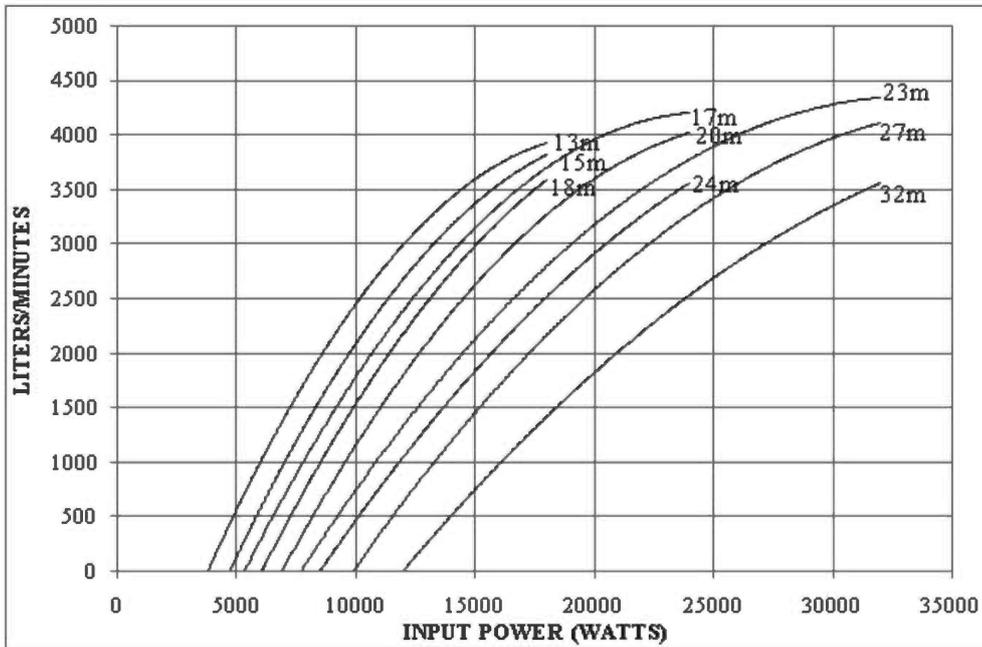
(A)	INPUT POWER(WATT)						
	18000	16000	14000	12000	6000	5000	4000
HEAD(M)	FLOW IN LPM						
18	3584	3230	2720	2200	0		
15	3800	3500	3200	2900	290	0	
13	4020	3700	3250	3100	1170	600	0

(B)	INPUT POWER(WATT)						
	24000	22000	20000	16000	8500	7000	6000
HEAD(M)	FLOW IN LPM						
24	3584	3250	2900	2100	0		
20	4080	3790	3550	2900	1000	0	
17	4300	4100	3840	3320	1450	900	0

(C)	INPUT POWER(WATT)						
	32000	28000	24000	20000	12000	10000	8500
HEAD(M)	FLOW IN LPM						
32	3584	3100	2470	1900	0		
27	4100	3800	3320	2510	900	0	
23	4400	4150	3750	3120	1500	1000	0

10 DCSSP 24000/32000/42000

BSP 50 mm (6X6)
Pumpset Code : 9500000827 [24000/32000]
Pumpset Code : 9500000702 [42000]
Chock Code : 9000023895
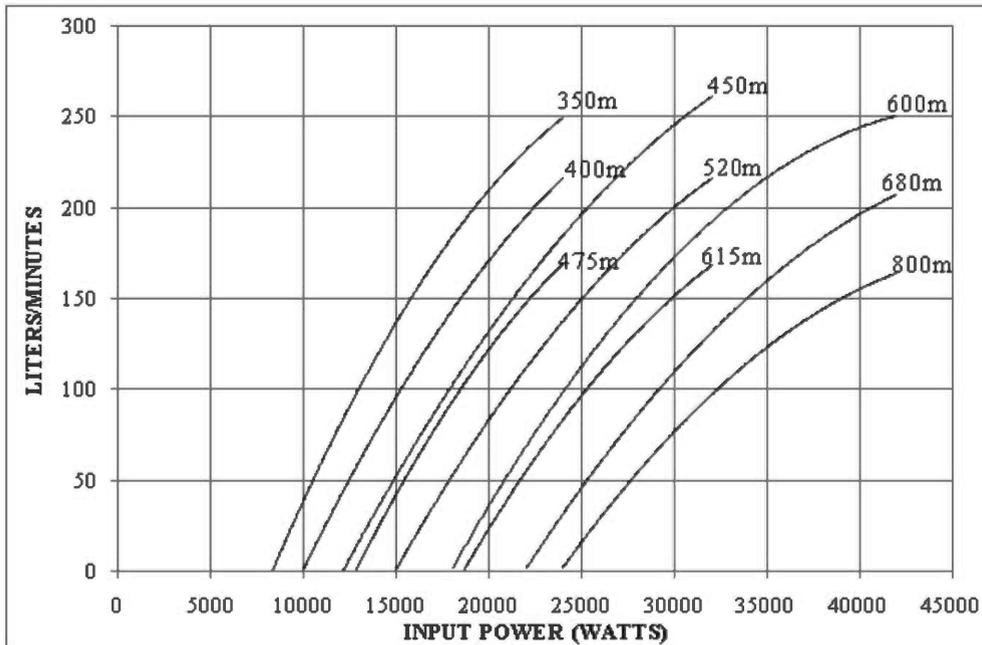
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	12800	10000	8400
HEAD(M)	FLOW IN LPM						
475	167	153	122	110	0		
400	218	196	167	145	60	0	
350	250	231	212	182	96	65	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	18000	15000	12000
HEAD(M)	FLOW IN LPM						
615	167	136	90	10	0		
520	220	175	140	100	50	0	
450	260	230	190	130	100	55	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	24000	22000	18000
HEAD(M)	FLOW IN LPM						
800	167	120	100	60	0		
680	215	170	115	95	25	0	
600	255	210	150	134	120	90	0

12 DCSSP 24000/32000/42000

BSP 50 mm (6X6)
Pumpset Code   : 9500000837 [24000/32000]
Pumpset Code   : 9500000731 [42000]
Chock Code   : 9000023895
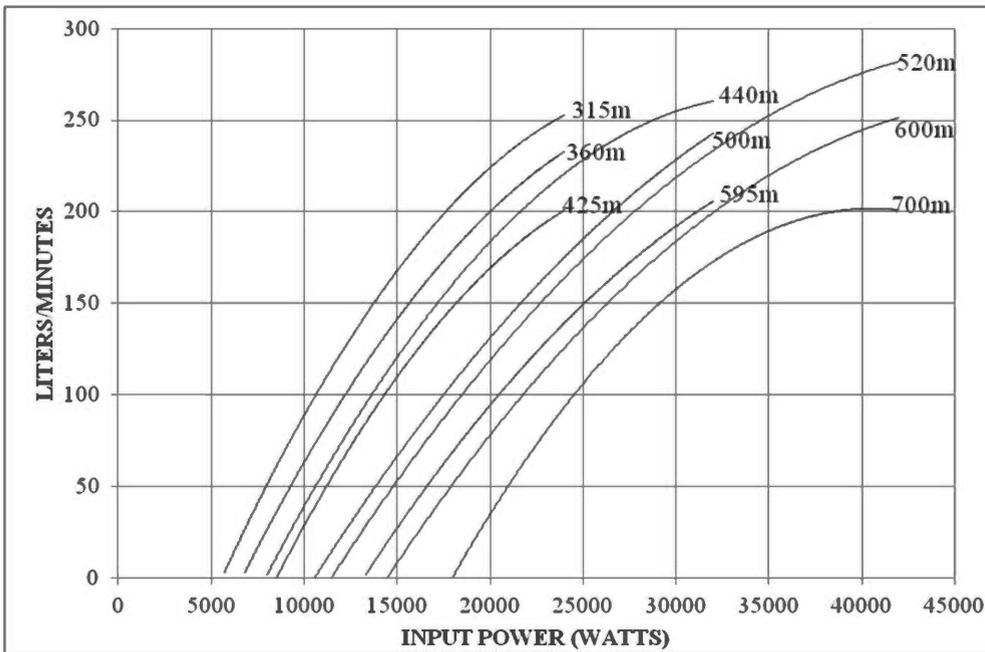
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	8500	6800	5700
HEAD(M)	FLOW IN LPM						
425	200	190	165	150	0		
360	235	215	201	178	45	0	
315	255	240	220	205	78	27	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13300	10300	8500
HEAD(M)	FLOW IN LPM						
595	200	168	130	116	0		
500	238	205	172	135	56	0	
440	263	235	198	168	101	41	0

| (C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	17900	13400	10900
HEAD(M)	FLOW IN LPM						
700	200	180	160	115	0		
600	255	232	183	145	70	0	
520	285	266	215	180	115	45	0

17 DCSSP 24000/32000/42000

BSP 50 mm (6X6)
Pumpset Code　　: 9500000851 [24000/32000]
Pumpset Code　　: 9500000764 [42000]
Chock Code　　　: 9000023895
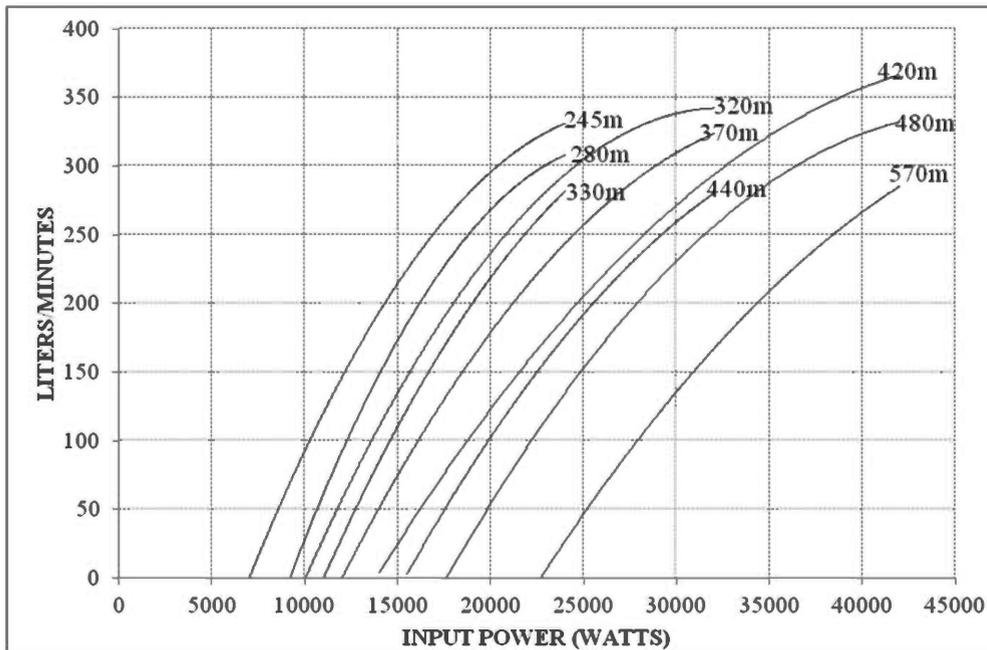
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	11000	9000	7000
HEAD(M)	FLOW IN LPM						
330	283	250	220	180	0		
280	314	290	260	235	100	0	
245	340	310	290	265	150	90	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	15500	12000	1000
HEAD(M)	FLOW IN LPM						
440	283	240	184	110	0		
370	325	290	240	185	85	0	
320	350	308	280	230	160	75	0

| (C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	22000	18000	14000
HEAD(M)	FLOW IN LPM						
570	283	245	160	30	0		
480	340	300	230	170	110	0	
420	370	320	270	220	160	100	0

30 DCSSP 24000/32000/42000

BSP75 mm (6X6)
Pumpset Code   : 9500000860 [24000/32000]
Pumpset Code   : 9500000779 [42000]
Chock Code   : 9000023895
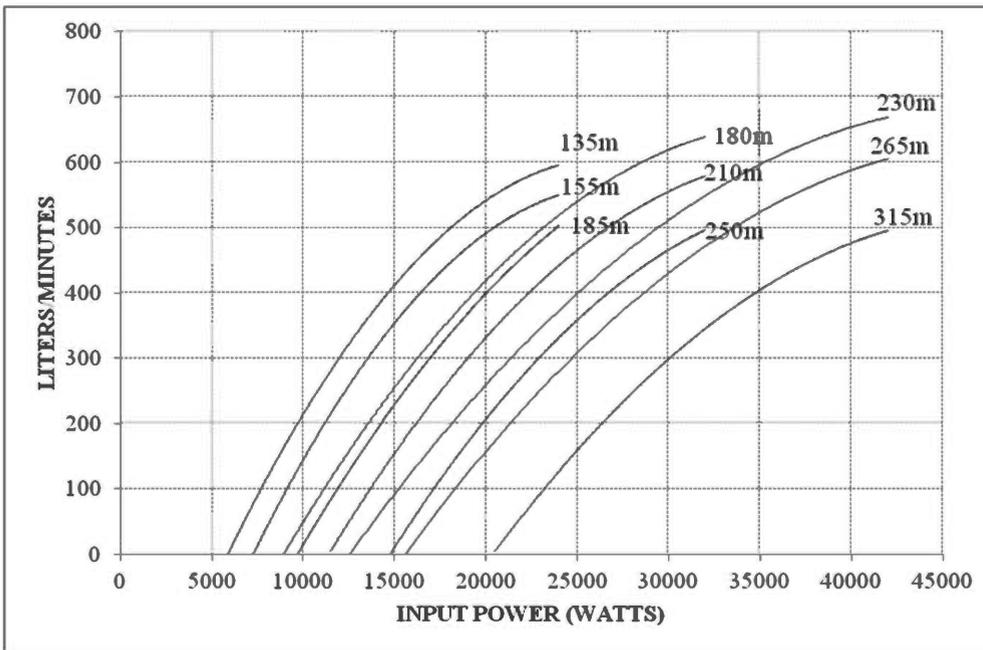
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9700	7400	6400
HEAD(M)	FLOW IN LPM						
185	500	460	397	335	0		
155	554	525	485	445	170	0	
135	612	565	530	490	225	101	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14800	11500	9200
HEAD(M)	FLOW IN LPM						
250	500	420	335	230	0		
210	585	515	438	240	180	0	
180	645	585	515	420	270	160	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	20500	15700	12800
HEAD(M)	FLOW IN LPM						
315	500	445	295	220	0		
265	610	560	425	340	210	0	
230	680	620	505	430	305	155	0

46 DCSSP 24000/32000/42000

BSP 100 mm (6X6)
Pumpset Code   : 9500000868 [24000/32000]
Pumpset Code   : 9500000796 [42000]
Chock Code   : 9000023895
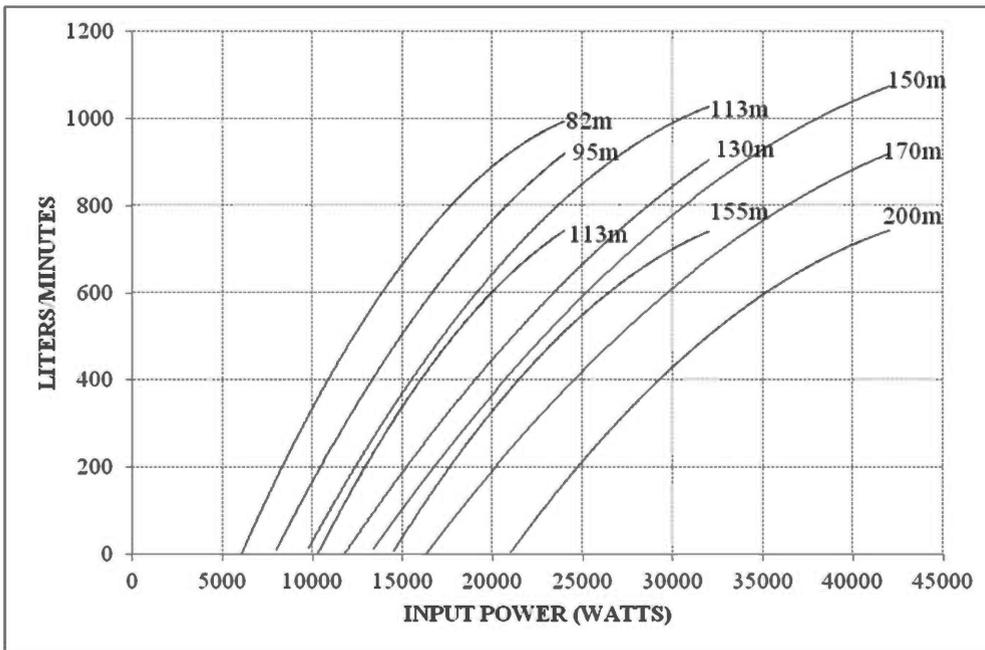
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10300	8000	6500
HEAD(M)	FLOW IN LPM						
113	750	675	590	524	0		
95	930	838	768	670	245	0	
82	1015	940	880	798	382	210	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14500	12000	9800
HEAD(M)	FLOW IN LPM						
155	750	635	525	350	0		
130	914	765	615	500	205	0	
113	1045	916	760	602	370	170	0

| (C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	21000	16500	13400
HEAD(M)	FLOW IN LPM						
200	750	660	430	272	0		
170	930	820	610	490	275	0	
150	1080	975	740	620	430	200	0

60 DCSSP 24000/32000/42000

BSP 100 mm (6X6)
Pumpset Code : 9500000876 [24000/32000]
**Pumpset Code** : 9500000933 [42000]
Chock Code : 9000023895
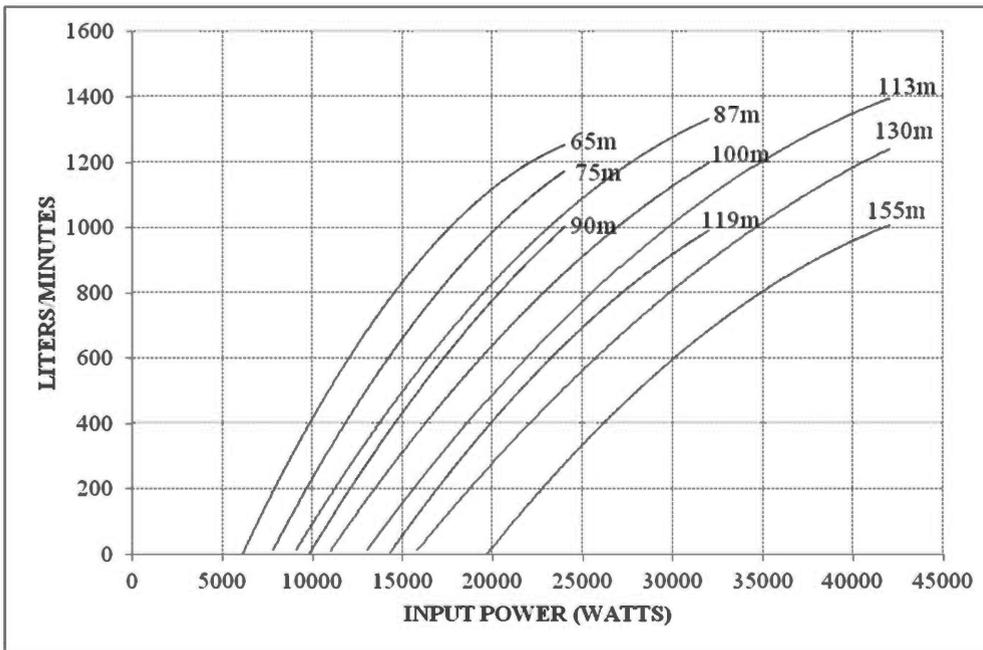
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9800	7800	6300
HEAD(M)	FLOW IN LPM						
90	1000	902	775	650	0		
75	1180	1085	980	870	265	0	
65	1260	1200	1110	1012	410	240	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14300	11000	9100
HEAD(M)	FLOW IN LPM						
119	1000	820	645	420	0		
100	1205	1040	860	640	280	0	
87	1340	1205	1035	832	480	210	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	19600	15800	13000
HEAD(M)	FLOW IN LPM						
155	1000	915	602	380	0		
130	1245	1120	790	640	290	0	
113	1400	1290	1020	810	480	225	0

77 DCSSP 24000/32000/42000

BSP 125 mm (6X8)
Pumpset Code : 9500000882 [24000/32000]
Pumpset Code : 9500000941 [42000]
Chock Code : 9000023895
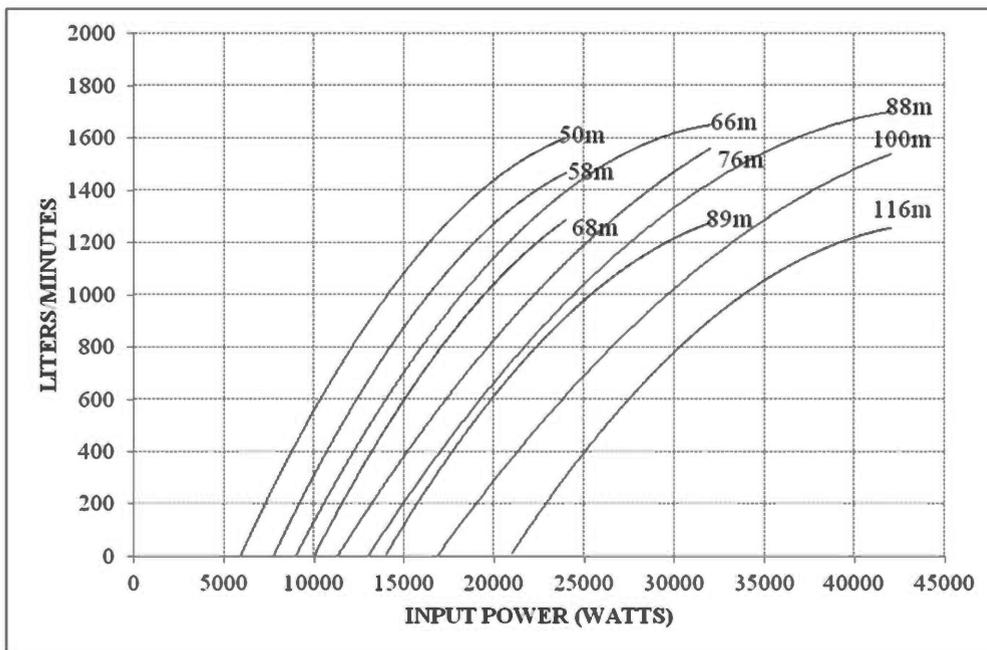
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10000	8000	6500
HEAD(M)	FLOW IN LPM						
68	1283	1200	1010	900	0		
58	1490	1380	1230	1150	460	0	
50	1630	1540	1400	1290	600	380	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14000	11500	9500
HEAD(M)	FLOW IN LPM						
89	1283	1130	900	640	0		
76	1572	1360	1100	900	450	0	
66	1700	1512	1350	1060	680	400	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	21000	17000	14000
HEAD(M)	FLOW IN LPM						
116	1283	1100	800	520	0		
100	1560	1365	1000	800	490	0	
88	1750	1570	1210	1020	720	450	0

95 DCSSP 24000/32000/42000

BSP 125 mm (6X8)
Pumpset Code   : 9500000888 [24000/32000]
Pumpset Code   : 9500000952 [42000]
Chock Code   : 9000023895
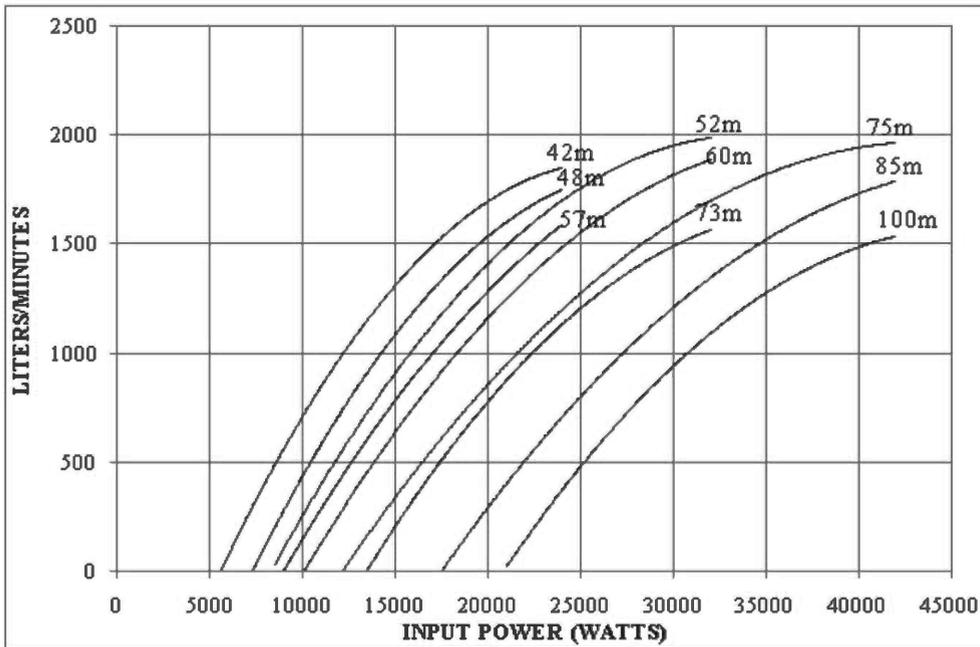
| (A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9000	7200	5900
HEAD(M)	FLOW IN LPM						
57	1583	1460	1260	1105	0		
48	1760	1640	1550	1390	470	0	
42	1880	1795	1675	1550	620	345	0
(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13500	10000	8500
HEAD(M)	FLOW IN LPM						
73	1583	1370	1124	815	0		
60	1890	1730	1490	1180	630	0	
52	2030	1870	1650	1420	840	440	0
(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	21000	17500	15000
HEAD(M)	FLOW IN LPM						
100	1583	1344	960	630	0		
85	1800	1640	1180	940	580	0	
75	2020	1840	1570	1200	900	500	0

125 DCSSP 24000/32000/42000

BSP 150 mm (6X10)
Pumpset Code   : 9500000892 [24000/32000]
Pumpset Code   : 9500000958 [42000]
Chock Code   : 9000023895
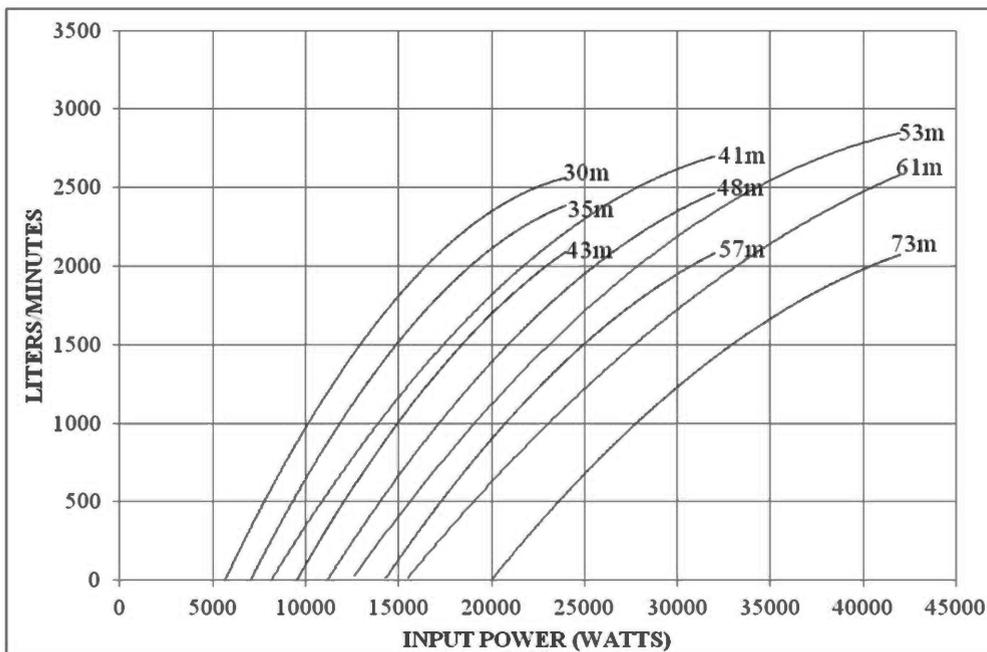
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	9500	7200	6000
HEAD(M)	FLOW IN LPM						
43	2083	1920	1705	1535	0		
35	2405	2270	2080	1905	660	0	
30	2600	2460	2330	2140	920	440	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14300	10800	8700
HEAD(M)	FLOW IN LPM						
57	2083	1810	1340	1005	0		
48	2470	2170	1880	1460	420	0	
41	2750	2460	2180	1780	1160	570	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	20000	15500	12600
HEAD(M)	FLOW IN LPM						
73	2083	1850	1240	800	0		
61	2590	2350	1690	1350	650	0	
53	2880	2660	2180	1820	1230	605	0

160 DCSSP 24000/32000/42000

BSP 150 mm (6X10)
Pumpset Code   : 9500000894 [24000/32000]
Pumpset Code   : 9500000961 [42000]
Chock Code   : Not Required
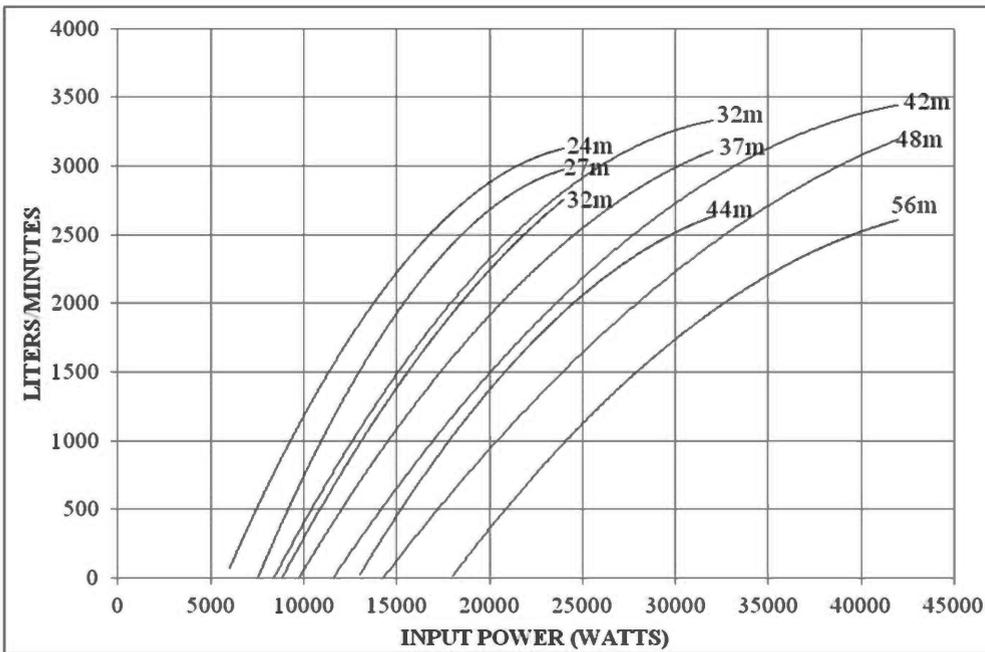
(A)	INPUT POWER(WATT)						
	24000	22000	20000	18000	10000	8000	6000
HEAD(M)	FLOW IN LPM						
32	2667	2550	2330	1980	0		
27	3050	2810	2630	2400	950	0	
24	3170	3020	2850	2620	1250	850	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13000	10000	9000
HEAD(M)	FLOW IN LPM						
44	2667	2310	1900	1450	0		
37	3120	2840	2420	1880	880	0	
32	3380	3100	2780	2300	1300	600	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	18000	14500	12000
HEAD(M)	FLOW IN LPM						
56	2667	2310	1780	1280	0		
48	3180	2980	2200	1750	900	0	
42	3500	3240	2680	2200	1280	600	0

215 DCSSP 24000/32000/42000

BSP 150 mm (6X12)
Pumpset Code : 9500000897 [24000/32000]
Pumpset Code : 9500000984 [42000]
Chock Code : Not Required
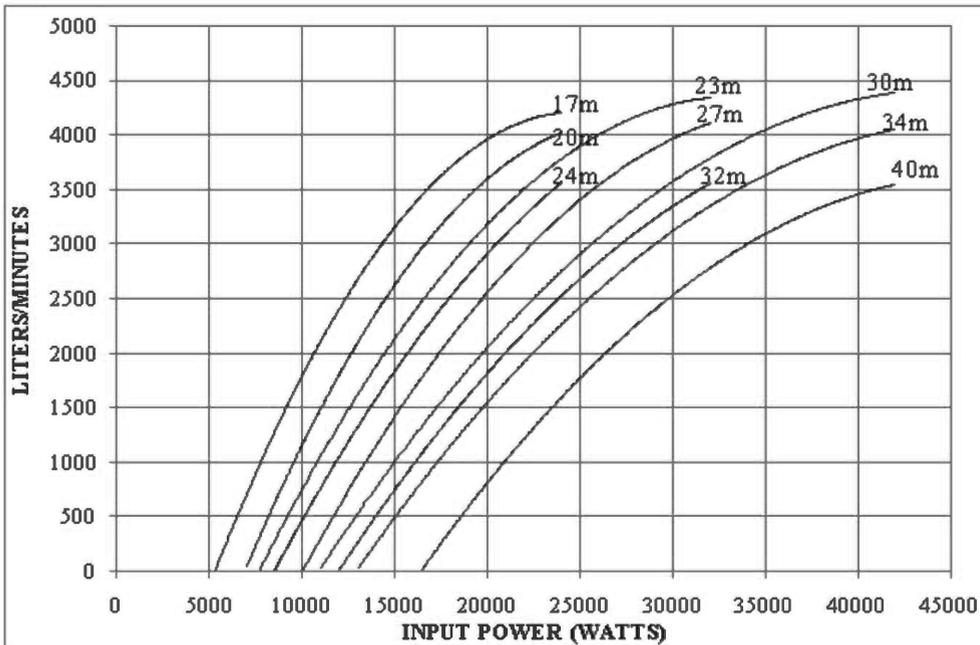
(A)	INPUT POWER(WATT)						
	24000	22000	20000	16000	8500	7000	6000
HEAD(M)	FLOW IN LPM						
24	3584	3250	2900	2100	0		
20	4080	3790	3550	2900	1000	0	
17	4300	4100	3840	3320	1450	900	0

(B)	INPUT POWER(WATT)						
	32000	28000	24000	20000	12000	10000	8500
HEAD(M)	FLOW IN LPM						
32	3584	3100	2470	1900	0		
27	4100	3800	3320	2510	900	0	
23	4400	4150	3750	3120	1500	1000	0

(C)	INPUT POWER(WATT)						
	42000	38000	30000	26000	16500	13000	11000
HEAD(M)	FLOW IN LPM						
40	3584	3300	2480	2020	0		
34	4100	3800	3120	2600	1000	0	
30	4450	4180	3600	3000	1600	800	0

17 DCSSP 32000/42000/55000

BSP 50 mm (6X6)
Pumpset Code : 9500000852 [32000]
Pumpset Code : 9500000566 [42000]
Pumpset Code : 9500000769 [55000]
Chock Code : 9000023895
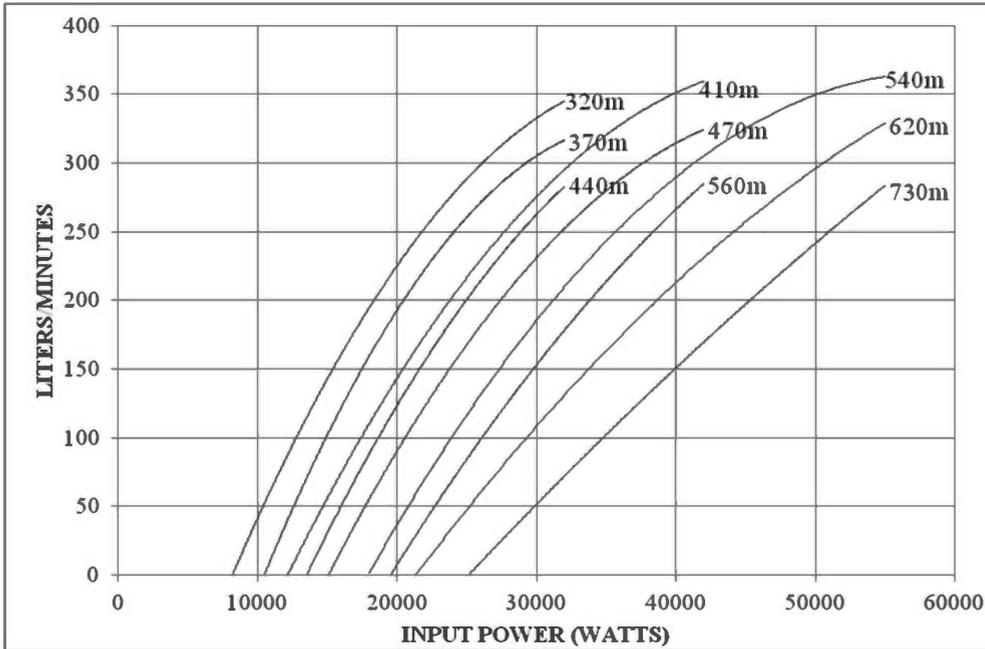
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13500	10500	8500
HEAD(M)	FLOW IN LPM						
440	283	240	185	125	0		
370	320	285	245	200	70	0	
320	345	320	275	220	120	60	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	19500	15000	12000
HEAD(M)	FLOW IN LPM						
560	283	250	170	100	0		
470	325	300	235	180	80	0	
410	360	320	274	220	150	50	0

| (C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	25000	21500	18000
HEAD(M)	FLOW IN LPM						
730	283	255	170	100	0		
620	330	280	250	120	60	0	
540	365	330	290	190	120	60	0

30 DCSSP 32000/42000/55000

BSP 75 mm (6X6)
Pumpset Code : 9500000861 [32000]
Pumpset Code : 9500000611 [42000]
Pumpset Code : 9500000783 [55000]
Chock Code : 9000023895
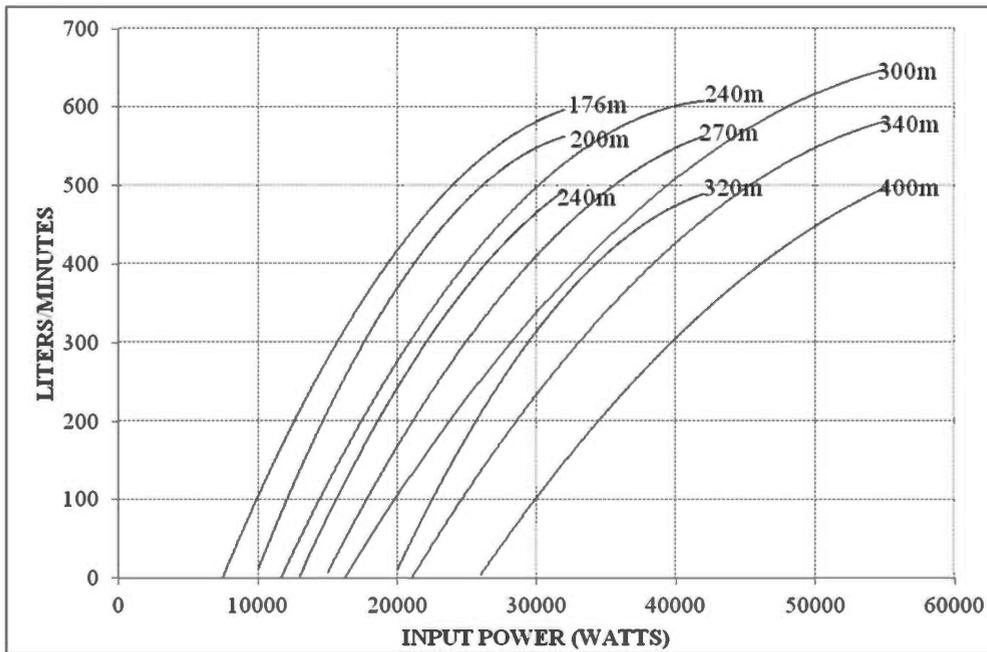
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13000	10000	8500
HEAD(M)	FLOW IN LPM						
240	500	420	350	250	0		
200	570	520	450	380	180	0	
176	605	560	485	410	240	130	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	20000	15000	12500
HEAD(M)	FLOW IN LPM						
320	500	440	300	240	0		
270	570	520	410	325	200	0	
240	620	580	470	390	270	150	0

| (C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	26000	21000	17000
HEAD(M)	FLOW IN LPM						
400	500	420	340	150	0		
340	590	520	450	260	200	0	
300	660	590	520	340	270	150	0

46 DCSSP 32000/42000/55000

BSP 100 mm (6X6)
Pumpset Code   : 9500000869 [32000]
Pumpset Code   : 9500000619 [42000]
Pumpset Code   : 9500000814 [55000]
Chock Code   : 9000023895
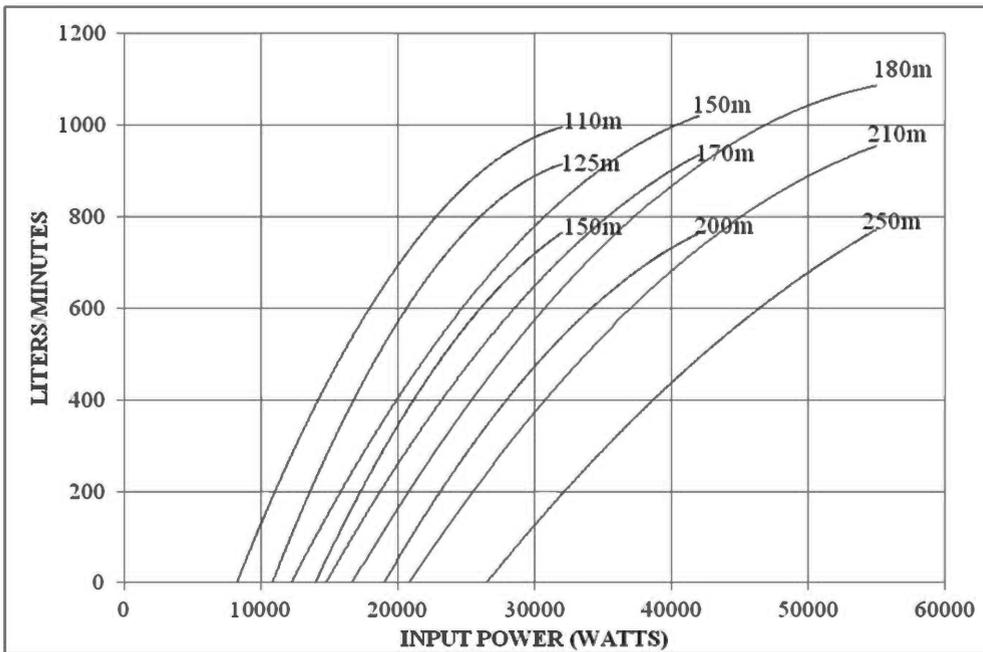
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	14000	11000	9000
HEAD(M)	FLOW IN LPM						
150	767	660	520	400	0		
125	920	840	740	560	330	0	
110	1010	940	800	690	420	250	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	19000	15000	12500
HEAD(M)	FLOW IN LPM						
200	767	675	480	360	0		
170	930	840	640	520	250	0	
150	1040	940	730	620	400	150	0

| (C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	26000	21000	17000
HEAD(M)	FLOW IN LPM						
250	767	640	500	100	0		
210	960	850	705	420	290	0	
180	1100	1000	880	580	440	250	0

60 DCSSP 32000/42000/55000

BSP 100 mm (6X6)
Pumpset Code   : 9500000877 [32000]
Pumpset Code   : 9500000627 [42000]
Pumpset Code   : 9500000935 [55000]
Chock Code   : 9000023895
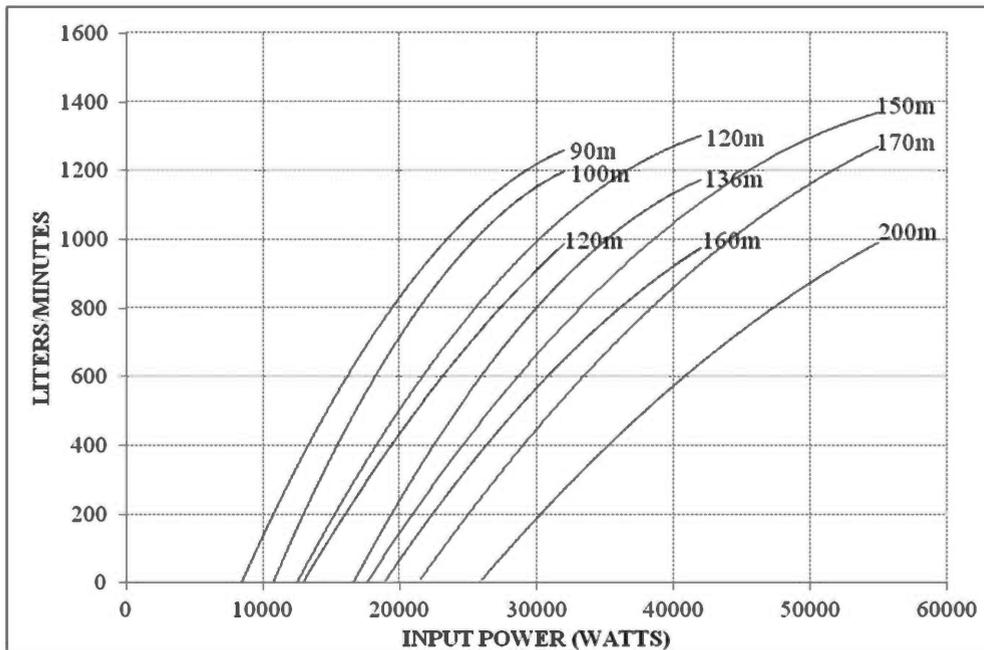
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13000	11000	9000
HEAD(M)	FLOW IN LPM						
120	1000	800	650	500	0		
100	1200	1090	940	700	280	0	
90	1280	1150	1000	830	420	250	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	19000	16500	13000
HEAD(M)	FLOW IN LPM						
160	1000	820	580	400	0		
136	1190	1060	790	640	300	0	
120	1300	1250	960	810	480	320	0

(C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	26000	21500	18000
HEAD(M)	FLOW IN LPM						
200	1000	800	650	220	0		
170	1280	1100	920	490	300	0	
150	1380	1170	1040	660	500	280	0

77 DCSSP 32000/42000/55000

BSP 125 mm (6X8)
Pumpset Code   : 9500000883 [32000]
Pumpset Code   : 9500000634 [42000]
Pumpset Code   : 9500000945 [55000]
Chock Code   : Not Required
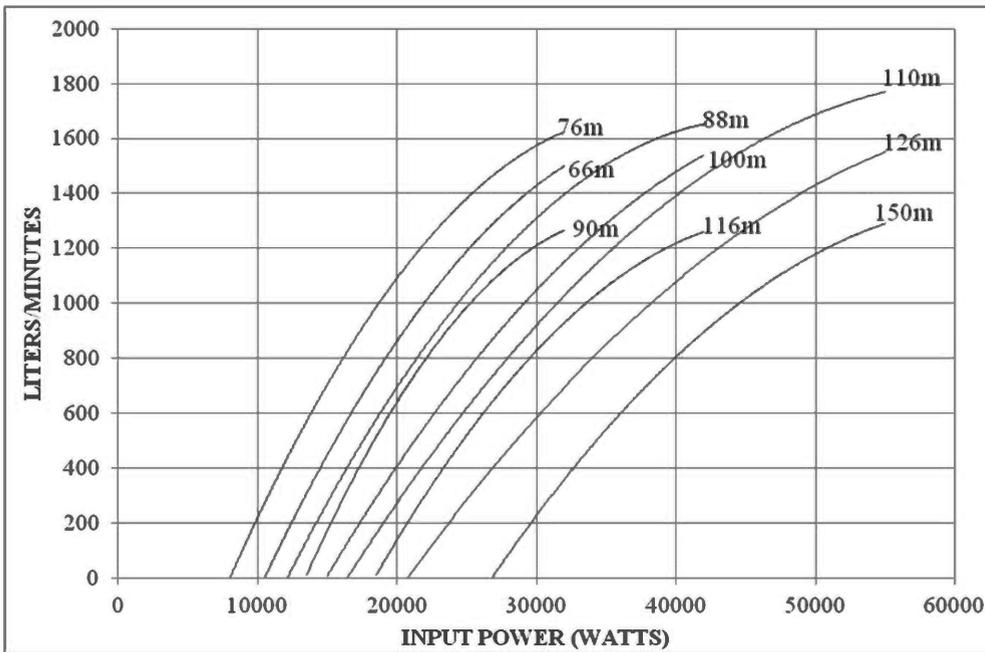
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13500	10500	8500
HEAD(M)	FLOW IN LPM						
90	1283	1110	910	680	0		
76	1520	1310	1120	900	400	0	
66	1650	1480	1330	1060	630	310	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	18500	15000	12500
HEAD(M)	FLOW IN LPM						
116	1283	1130	820	620	0		
100	1550	1400	1020	870	400	0	
88	1685	1550	1250	1032	605	350	0

(C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	26500	21000	17000
HEAD(M)	FLOW IN LPM						
150	1283	1132	900	200	0		
126	1560	1366	1140	700	500	0	
110	1795	1600	1370	900	740	600	0

95 DCSSP 32000/42000/55000

BSP 125 mm (6X8)
Pumpset Code : 9500000889 [32000]
Pumpset Code : 9500000657 [42000]
**Pumpset Code** : 9500000953 [55000]
Chock Code : 9000023895
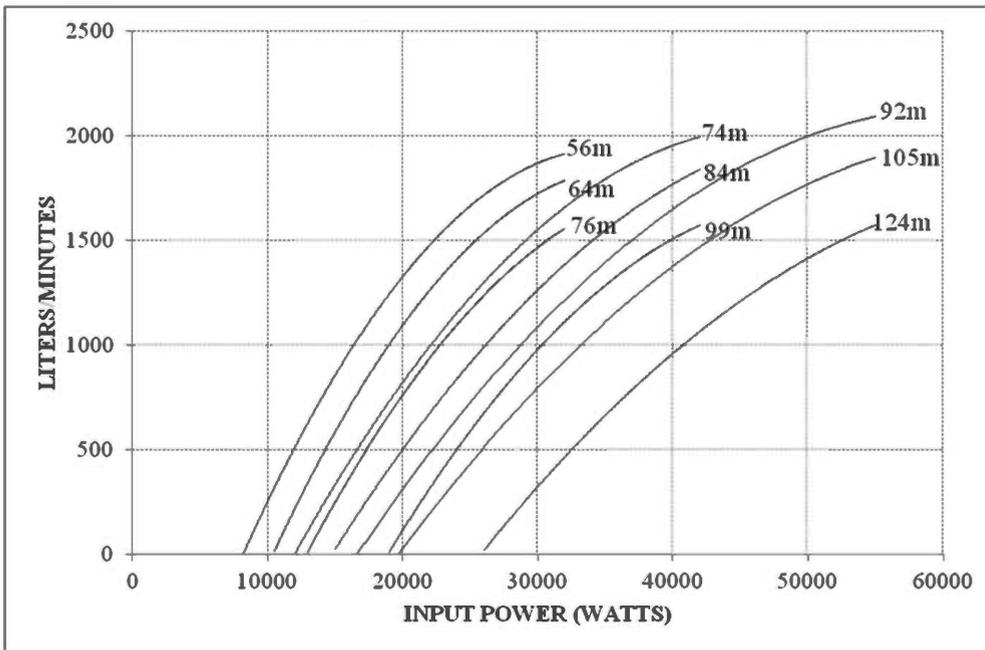
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13000	10500	9000
HEAD(M)	FLOW IN LPM						
76	1583	1316	1090	800	0		
64	1800	1621	1410	1100	460	0	
56	1953	1780	1550	1335	700	400	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	19000	15000	12500
HEAD(M)	FLOW IN LPM						
99	1583	1320	960	735	0		
84	1850	1680	1260	980	550	0	
74	2010	1890	1540	1290	740	400	0

(C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	26000	20000	17000
HEAD(M)	FLOW IN LPM						
124	1583	1328	1062	450	0		
105	1930	1680	1420	850	600	0	
92	2110	1925	1730	1100	900	430	0

125 DCSSP 32000/42000/55000

BSP 150 mm (6X10)
Pumpset Code : 9500000893 [32000]
Pumpset Code : 9500000664 [42000]
Pumpset Code : 9500000959 [55000]
Chock Code : 9000023895
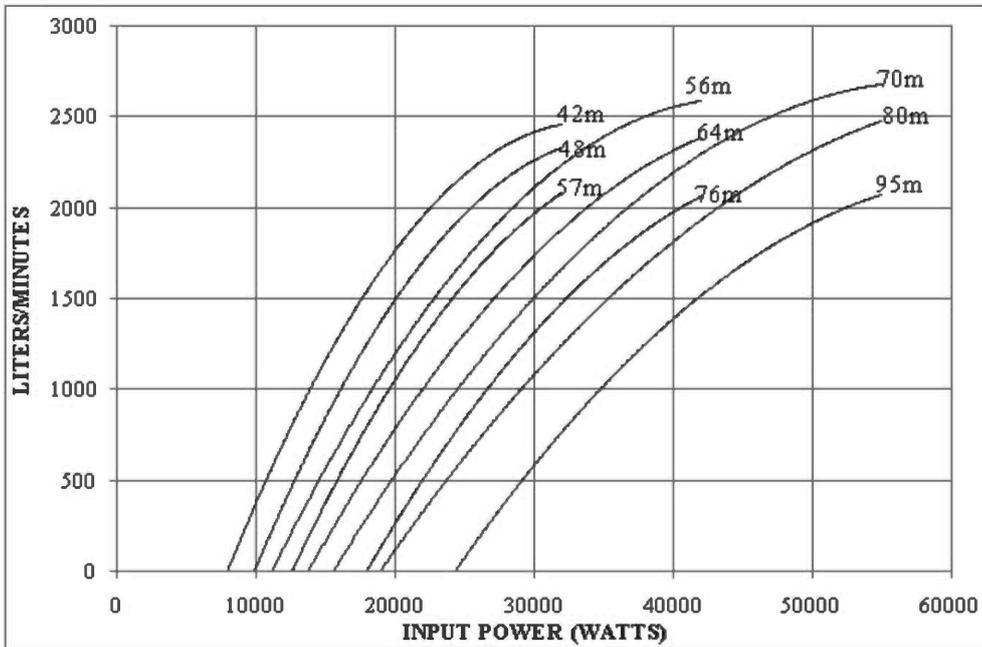
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	12500	10000	8500
HEAD(M)	FLOW IN LPM						
57	2083	1840	1510	1180	0		
48	2350	2150	1860	1520	650	0	
42	2510	2300	2080	1760	900	450	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	18000	14000	11500
HEAD(M)	FLOW IN LPM						
76	2083	1850	1280	1000	0		
64	2410	2200	1730	1400	600	0	
56	2610	2430	2000	1720	920	480	0

(C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	24500	19000	15500
HEAD(M)	FLOW IN LPM						
95	2080	1850	1480	640	0		
80	2500	2200	1940	1200	700	0	
70	2710	2500	2200	1500	1080	500	0

160 DCSSP 32000/42000/55000

BSP 150 mm (6X10)
Pumpset Code   : 9500000895 [32000]
Pumpset Code   : 9500000670 [42000]
Pumpset Code   : 9500000962 [55000]
Chock Code   : Not Required
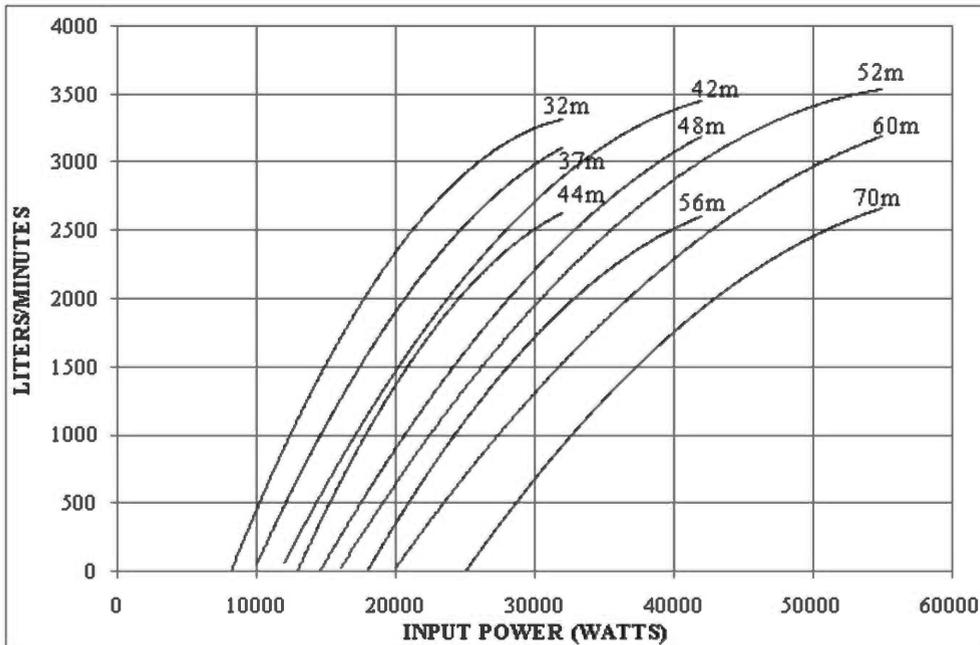
(A)	INPUT POWER(WATT)						
	32000	28000	24000	20000	13000	10000	9000
HEAD(M)	FLOW IN LPM						
44	2667	2310	1900	1450	0		
37	3120	2840	2420	1880	880	0	
32	3380	3100	2780	2300	1300	600	0

(B)	INPUT POWER(WATT)						
	42000	38000	30000	26000	18000	14500	12000
HEAD(M)	FLOW IN LPM						
56	2667	2310	1750	1280	0		
48	3180	2980	2200	1750	900	0	
42	3500	3240	2680	2200	1280	600	0

(C)	INPUT POWER(WATT)						
	55000	48000	42000	30000	25000	20000	16000
HEAD(M)	FLOW IN LPM						
70	2667	2350	1920	700	0		
60	3240	2810	2420	1500	900	0	
52	3580	3320	2920	1980	1480	800	0

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