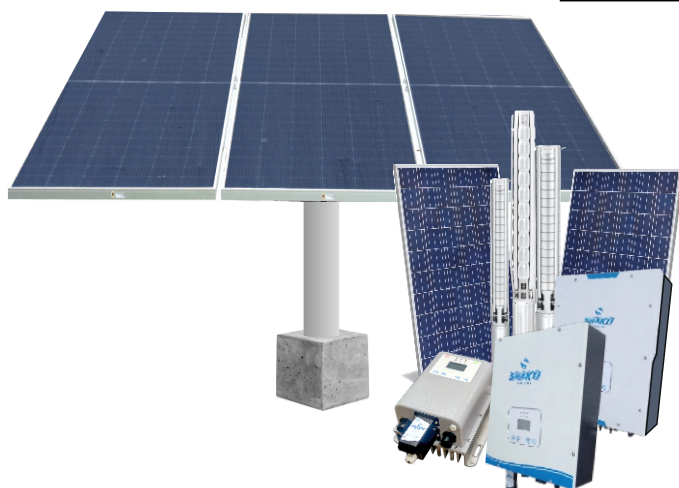




SOLAR PUMPS

DC SUBMERSIBLE



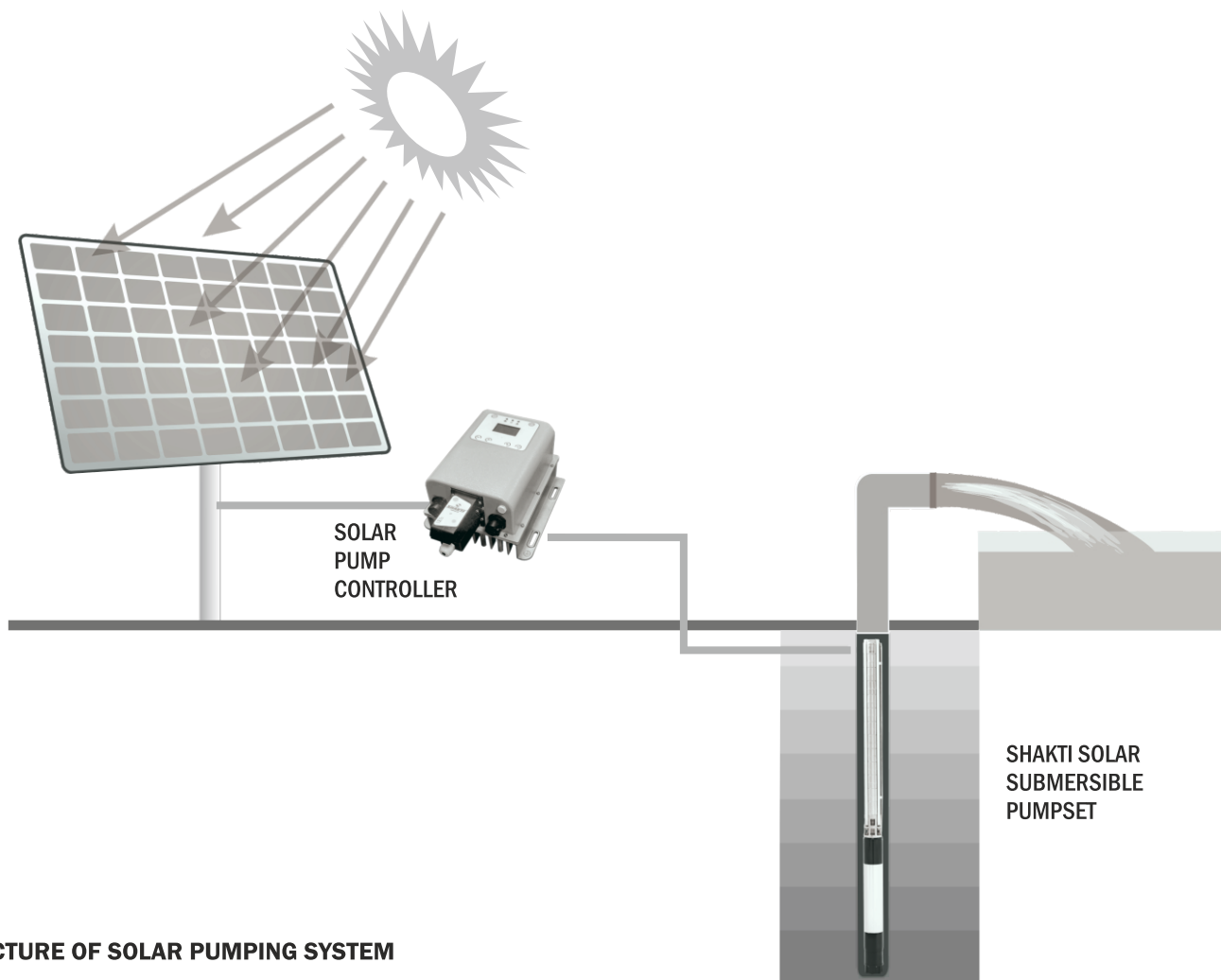
Shakti Solar Water Supply System

SOLAR PUMPING SYSTEM

CONTENT	PAGE NO.	CONTENT	PAGE NO.	CONTENT	PAGE NO.
INTRODUCTION	01	SOLAR 24 DCSSP 11250	59	SOLAR 53 DCSSP 54000	123
STRUCTURE OF SOLAR PUMPING SYSTEM	01	SOLAR 20 DCSSP 11250	60	SOLAR 42 DCSSP 54000	124
APPLICATION	02	SOLAR 16 DCSSP 11250	61	SOLAR DC SUBMERSIBLE	
FEATURE	02	SOLAR 12 DCSSP 11250	62	PUMPSET GA DRAWING (in mm)	125-126
IDENTIFICATION	03	SOLAR 139 DCSSP 13500	63	SOLAR DC CONTROLLER	
SOLAR PUMP CONTROLLER		SOLAR 86 DCSSP 13500	64	GA DRAWING (in mm)	127-128
SPECIFICATION	04	SOLAR 58 DCSSP 13500	65		
CHANGE OVER SWITCH	05	SOLAR 43 DCSSP 13500	66		
SHAKTI DU DT FILTER	05	SOLAR 30 DCSSP 13500	67		
SOLAR POWER SELECTION & CONFIGURATION	06	SOLAR 25 DCSSP 13500	68		
SOLAR 16.5 DCSSP 900	07	SOLAR 19 DCSSP 13500	69		
SOLAR 3.0 DCSSP 900	08	SOLAR 12 DCSSP 13500	70		
SOLAR 2.0 DCSSP 900	09	SOLAR 11 DCSSP 13500	71		
SOLAR 20.5 DCSSP 1200	10	SOLAR 240 DCSSP 18000	72		
SOLAR 10 DCSSP 1200	11	SOLAR 148 DCSSP 18000	73		
SOLAR 8 DCSSP 1200	12	SOLAR 129 DCSSP 18000	74		
SOLAR 3 DCSSP 1200	13	SOLAR 78 DCSSP 18000	75		
SOLAR 39 DCSSP 1800	14	SOLAR 53 DCSSP 18000	76		
SOLAR 19 DCSSP 1800	15	SOLAR 43 DCSSP 18000	77		
SOLAR 12 DCSSP 1800	16	SOLAR 32 DCSSP 18000	78		
SOLAR 6 DCSSP 1800	17	SOLAR 27 DCSSP 18000	79		
SOLAR 2 DCSSP 1800	18	SOLAR 20 DCSSP 18000	80		
SOLAR 1.5 DCSSP 1800	19	SOLAR 16 DCSSP 18000	81		
SOLAR 63 DCSSP 3000	20	SOLAR 13 DCSSP 18000	82		
SOLAR 30 DCSSP 3000	21	SOLAR 8 DCSSP 18000	83		
SOLAR 20 DCSSP 3000	22	SOLAR 156 DCSSP 22500	84		
SOLAR 12 DCSSP 3000	23	SOLAR 140 DCSSP 22500	85		
SOLAR 8 DCSSP 3000	24	SOLAR 93 DCSSP 22500	86		
SOLAR 5 DCSSP 3000	25	SOLAR 72 DCSSP 22500	87		
SOLAR 2 DCSSP 3000	26	SOLAR 48 DCSSP 22500	88		
SOLAR 3 DCSSP 3000	27	SOLAR 42 DCSSP 22500	89		
SOLAR 103 DCSSP 4800	28	SOLAR 35 DCSSP 22500	90		
SOLAR 55 DCSSP 4800	29	SOLAR 25 DCSSP 22500	91		
SOLAR 33 DCSSP 4800	30	SOLAR 19 DCSSP 22500	92		
SOLAR 20 DCSSP 4800	31	SOLAR 16 DCSSP 22500	93		
SOLAR 13 DCSSP 4800	32	SOLAR 121 DCSSP 27000	94		
SOLAR 10 DCSSP 4800	33	SOLAR 84 DCSSP 27000	95		
SOLAR 6 DCSSP 4800	34	SOLAR 64.5 DCSSP 27000	96		
SOLAR 5 DCSSP 4800	35	SOLAR 60 DCSSP 27000	97		
SOLAR 4.5 DCSSP 4800	36	SOLAR 43 DCSSP 27000	98		
SOLAR 3 DCSSP 4800	37	SOLAR 26 DCSSP 27000	99		
SOLAR 2.5 DCSSP 4800	38	SOLAR 23 DCSSP 27000	100		
SOLAR 137 DCSSP 6750	39	SOLAR 20 DCSSP 27000	101		
SOLAR 71 DCSSP 6750	40	SOLAR 14 DCSSP 27000	102		
SOLAR 50 DCSSP 6750	41	SOLAR 139 DCSSP 36000	103		
SOLAR 28 DCSSP 6750	42	SOLAR 119 DCSSP 36000	104		
SOLAR 19 DCSSP 6750	43	SOLAR 84 DCSSP 36000	105		
SOLAR 14 DCSSP 6750	44	SOLAR 69 DCSSP 36000	106		
SOLAR 11 DCSSP 6750	45	SOLAR 57 DCSSP 36000	107		
SOLAR 10 DCSSP 6750	46	SOLAR 44 DCSSP 36000	108		
SOLAR 5 DCSSP 6750	47	SOLAR 27 DCSSP 36000	109		
SOLAR 188 DCSSP 9000	48	SOLAR 25 DCSSP 36000	110		
SOLAR 103 DCSSP 9000	49	SOLAR 19 DCSSP 36000	111		
SOLAR 64 DCSSP 9000	50	SOLAR 150 DCSSP 45000	112		
SOLAR 41 DCSSP 9000	51	SOLAR 135 DCSSP 45000	113		
SOLAR 27 DCSSP 9000	52	SOLAR 110 DCSSP 45000	114		
SOLAR 19 DCSSP 9000	53	SOLAR 87 DCSSP 45000	115		
SOLAR 16 DCSSP 9000	54	SOLAR 70 DCSSP 45000	116		
SOLAR 12 DCSSP 9000	55	SOLAR 53 DCSSP 45000	117		
SOLAR 9 DCSSP 9000	56	SOLAR 42 DCSSP 45000	118		
SOLAR 48 DCSSP 11250	57	SOLAR 148 DCSSP 54000	119		
SOLAR 34 DCSSP 11250	58	SOLAR 126 DCSSP 54000	120		
		SOLAR 113 DCSSP 54000	121		
		SOLAR 64 DCSSP 54000	122		

INTRODUCTION

Nowdays 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 center 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.



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 help 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 filling and significant water output.
- Proven motor and pump technology for long-term reliability
- Pumpset can start at low radiations.
- 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 controller 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 controller 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 controller
- Cable
- Pipes
- Variety of flow rates available in: 32 to 4000 LPM.
- Motor and controller ratings available in: 900 to 54000 Watt

IDENTIFICATION

DCSSP SERIES

Type designation

Disc. (M³/ hr.)

Solar DC Submersible Pumpset

Input Power (Watts)

55

- DCSSP -

3000

* Note: Input Power at Motor

The Solar high efficient pump-set comprises centrifugal pump technologies

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.

SOLAR PUMP CONTROLLER SPECIFICATION

OVERVIEW

The controller starts the pumps slowly and adjust it 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) throughout all conditions.

The Shakti Solar controller is designed with the high standard of reliability expected of Shakti products. The controller attempts to controller 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.

CONTROLLER CODE	DESCRIPTION	VFD VOLTAGE RANGE (VDC)		VFD MAX OUTPUT CURRENT (AMP.)	MAX EFFICIENCY %	NET WEIGHT (KG)	SOLAR POWER RANGE
		MIN (V)	MAX (V)				
9600000126	SIMHA UNIVERSAL DRIVE+3P 15A 450VDC	30	450	15	93	5.5	900W - 3000W
9600000127	SIMHA UNIVERSAL DRIVE+3P 15A 850VDC	200	850	15	96	5.5	4800W - 6750W
9600000143	SIMHA UNIVERSAL DRIVE+3P 15A 850V-HV	200	850	15	96	5.5	9000W
9600000073	NANDI UNIVERSAL DRIVE 3P 25A 850 VDC	200	850	30	96	10.8	11250W - 13500W
9600000066	NANDI UNIVERSAL DRIVE 3P 38A 850 VDC	200	850	38	96	15.0	18000W - 22500W
9600000067	NANDI UNIVERSAL DRIVE 3P 50A 850 VDC	200	850	50	96	15.0	27000W
9600000068	NANDI UNIVERSAL DRIVE 3P 70A 850 VDC	200	850	60	96	15.0	36000W
9600000106	NANDI UNIVERSAL DRIVE 3P 135A 850VDC	200	850	135	96	28.5	45000W - 54000W

DESCRIPTIONS AND FEATURES

The Shakti Solar 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)
- Controller can be Operated by mobile application.

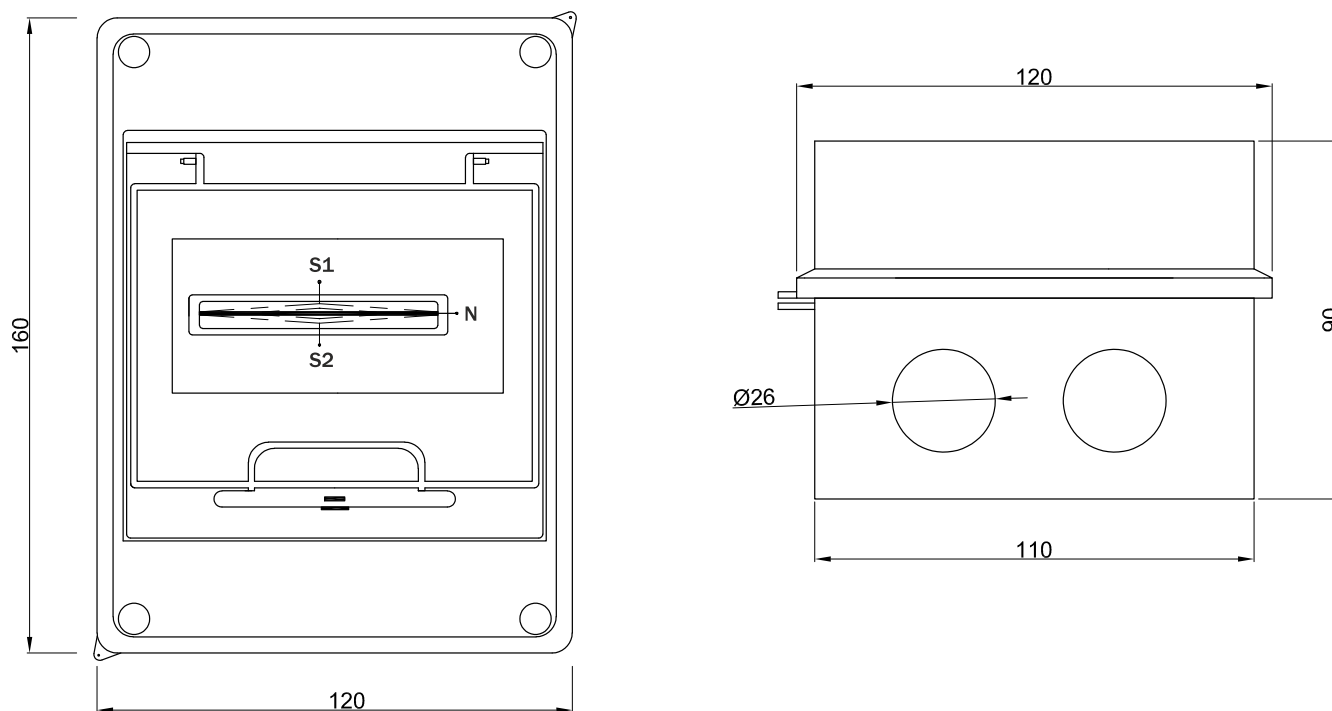
PROTECTION FEATURES

- Dry run Protection
- Overload Protection
- Open Circuit Protection
- Short Circuit Protection
- Over Heat
- Ingress protection IP65

CHANGE OVER SWITCH

A change-over switch is a dual input single output device, which is used to change the input power source to the controller. It is generally used with controllers/drives which have options to run from solar as well as from grid. There are three operative positions in change-over switch corresponding to S1, S2, (Up and Down) & N (Middle). In case of S1 and S2 positions the corresponding sources are connected to output whereas in N position none of the sources are connected to output. Conventionally the name of the sources is marked in S1 and S2 position for convenience of the user. These change-over switches are provided in a dust and rainproof boxes.

Note: It should be noted that while changing the power source through changeover the N position should be used until the display of the controller turns off. This intermediate use of N position avoids inrush currents through the changeover switch & improves its life.



SHAKTI DU/DT FILTER

The applications involving long connecting cables (typically 100 m and above) between the VFD (Variable Frequency Drive) output and motor terminal, high voltage spikes are observed at receiving/motor end. The magnitude of these voltage spikes may go up to double the DC bus voltage of VFD depending on length of the cable. The high du/dt at the controller output is the primary reason for these voltage spikes. These high voltage spikes may lead to insulation failure in the connected motor or cable. This problem can be resolved using an appropriate du/dt filter at the output of the controller.

Conventionally used first order filter reduces this problem however; the second order Shakti du/dt filter mitigates this problem to a greater extent. It is a unique product which is designed, developed and manufactured by Shakti Pumps (India) Ltd. The IP54 design eliminates the requirement of outer casing and provides a fair protection against dust and water. This product comes with a wide variety of distinguished features such as: compact size, shock-proof plug and play connectors, capability to operate in wide temperature range and harsh environments.

APPLICATION

Reduces voltage spikes, common mode & bearing current.

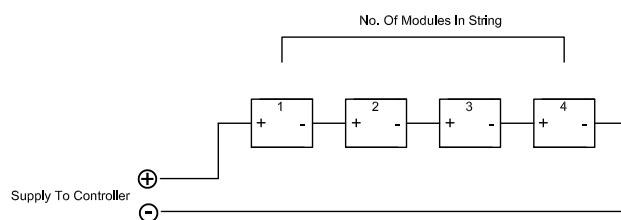
SOLAR POWER SELECTION & CONFIGURATION

S. No.	Motor Input Power (W)		Pv Module Wattage (W)	Total No. of Modules Required	Module Configuration		Structure Configuration	
	Min	Max			No. of Module In String	No. of Parallel String	2-Pl. Qty	3-Pl. Qty
1	900	1070	535	2	2	1	1	0
2	1200	1605	535	3	3	1	0	1
3	1800	2140	535	4	4	1	2	0
4	3000	3210	535	6	6	1	3	0
5	4800	4815	535	9	9	1	3	1
6	6750	6955	535	13	13	1	5	1
7	9000	9095	535	17	17	1	7	1
8	11250	11770	535	22	11	2	11	0
9	13500	13910	535	26	13	2	13	0
10	18000	18190	535	34	17	2	17	0
11	22500	23540	535	44	11	4	22	0
12	27000	27285	535	51	17	3	24	1
13	36000	36380	535	68	17	4	34	0
14	45000	45475	535	85	17	5	41	1
15	54000	54570	535	102	17	6	51	0

Example :

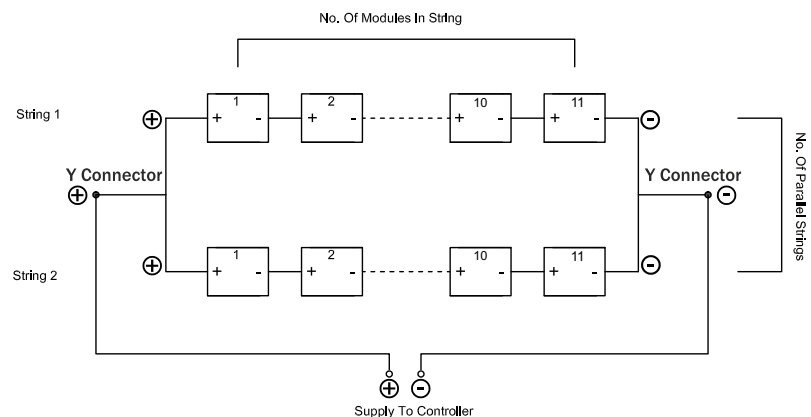
SERIES CONNECTION

Module Configuration For 1800 watt



PARALLEL CONNECTION

Module Configuration For 11250 watt



SOLAR PUMPING SYSTEM



SOLAR 16.5 DCSSP 900

BSP 50 mm (4X6)

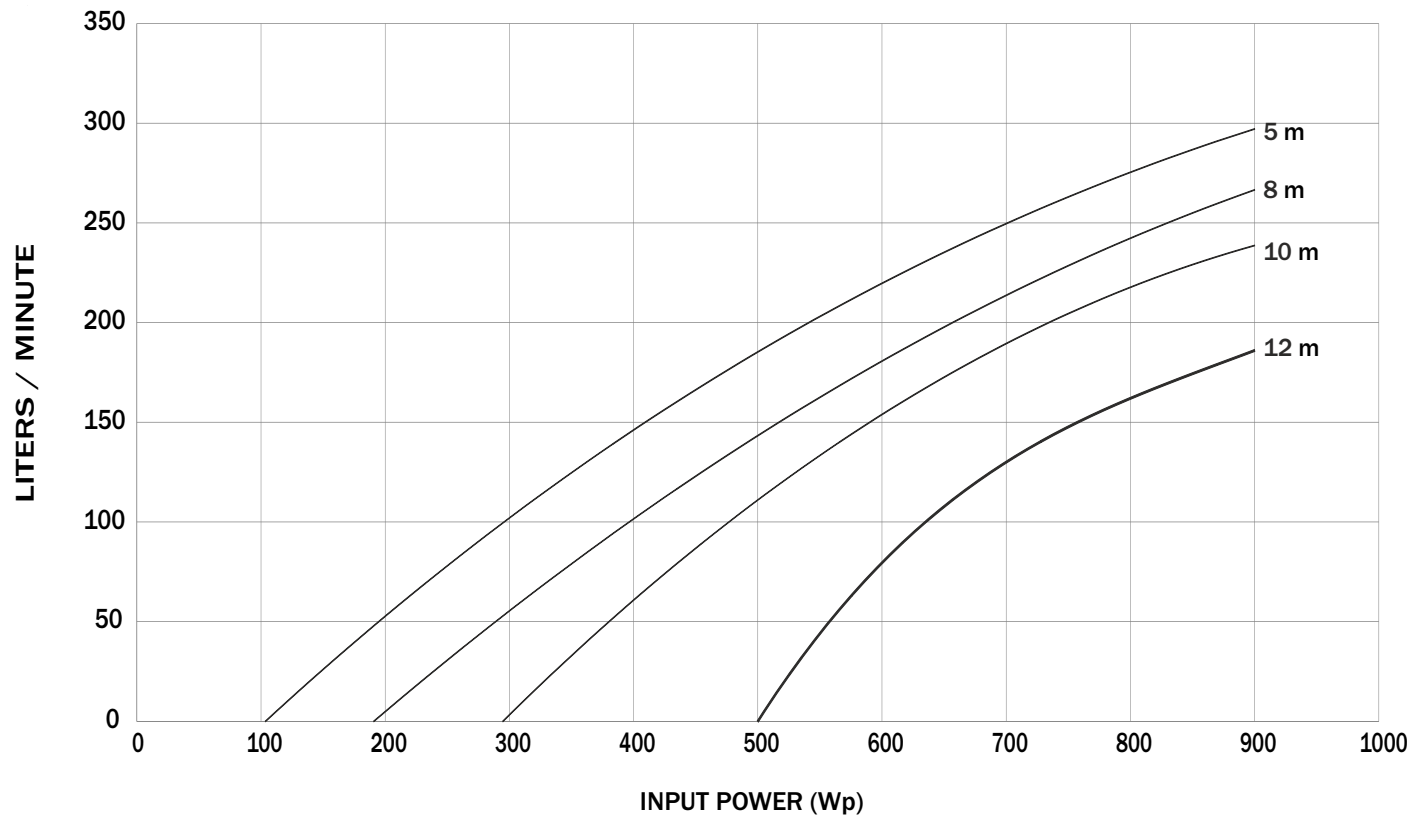
PUMP SET CODE : 9500000828

PUMP CODE : 9000017895

DISCHARGE (LPD) : 81000

DISCHARGE (LPW) : 90.0

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	900	800	700	500	300	200	100
HEAD (m)	FLOW IN LPM						
12	186	162	130	0			
10	244	212	184	120	0		
8	273	237	206	150	60	0	
5	300	270	250	190	100	50	0

SOLAR PUMPING SYSTEM



SOLAR 3.0 DCSSP 900

BSP 32 mm (4X4)

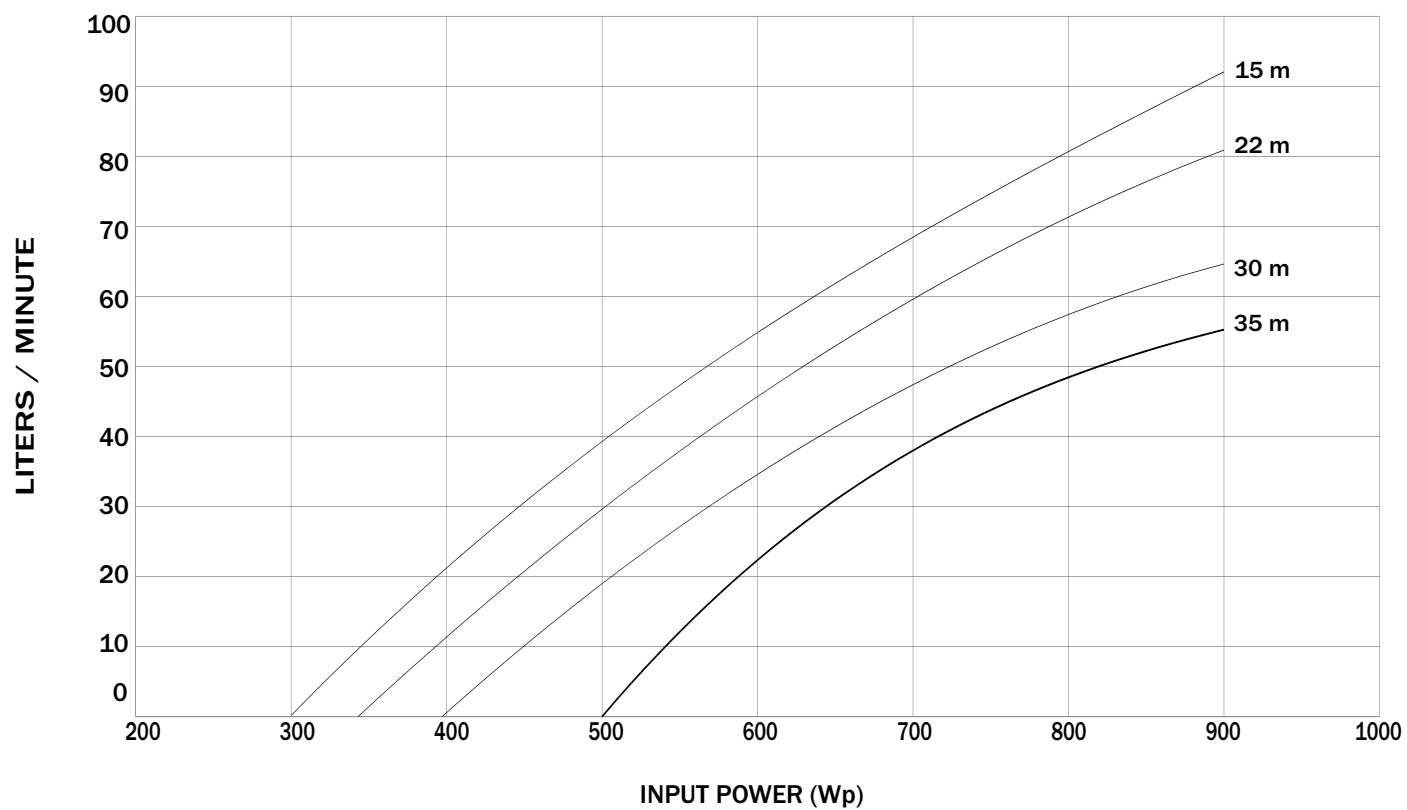
PUMP SET CODE : 9500001982

PUMP CODE : 9000030394

DISCHARGE (LPD) : 23000

DISCHARGE (LPW) : 25.6

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	900	800	700	500	400	350	300
HEAD (m)	FLOW IN LPM						
35	55	48	38	0			
30	65	57	47	20	0		
22	81	71	59	30	13	0	
15	92	81	68	40	20	12	0

SOLAR PUMPING SYSTEM



SOLAR 2.0 DCSSP 900

BSP 32 mm (4X4)

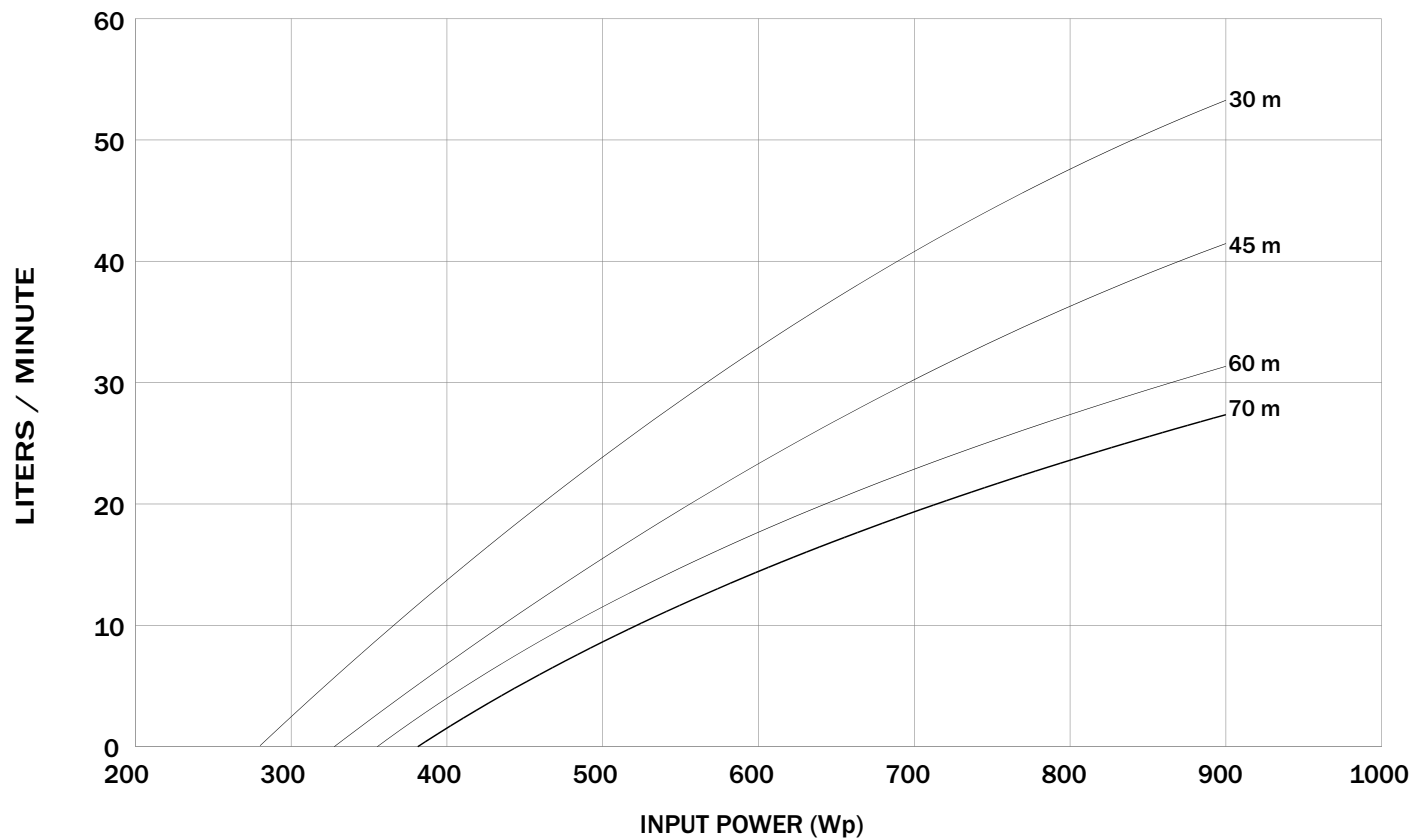
PUMP SET CODE : 9500001949

PUMP CODE : 9000030266

DISCHARGE (LPD) : 11700

DISCHARGE (LPW) : 13.0

DUTY HEAD : 60 METER



	INPUT POWER (Wp)						
	900	720	540	373	356	340	280
HEAD (m)	FLOW IN LPM						
70	28	20	10	0			
60	32	23	14	2	0		
45	42	30	20	5	3	0	
30	54	40	30	10	8	8	0

SOLAR PUMPING SYSTEM



SOLAR 20.5 DCSSP 1200

BSP 50 mm (4X6)

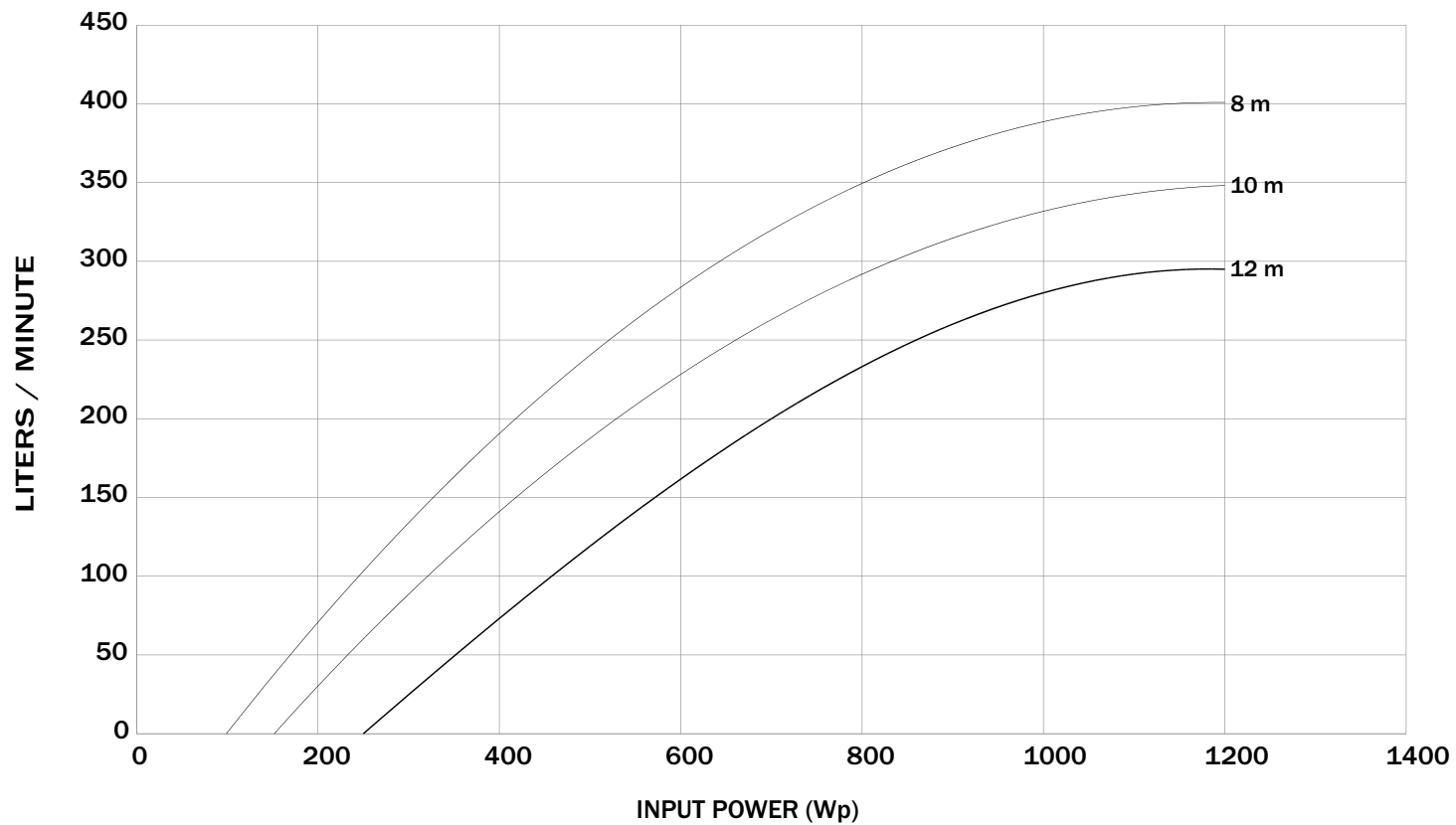
PUMP SET CODE : 9500001597

PUMP CODE : 9000020417

DISCHARGE (LPD) : 154800

DISCHARGE (LPW) : 129

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	1200	1000	700	250	150	100	
HEAD (m)	FLOW IN LPM						
12	295	280	200	0			
10	347	334	262	59	0		
8	400	390	320	100	40	0	

SOLAR PUMPING SYSTEM



SOLAR 10 DCSSP 1200

BSP 50 mm (4X4)

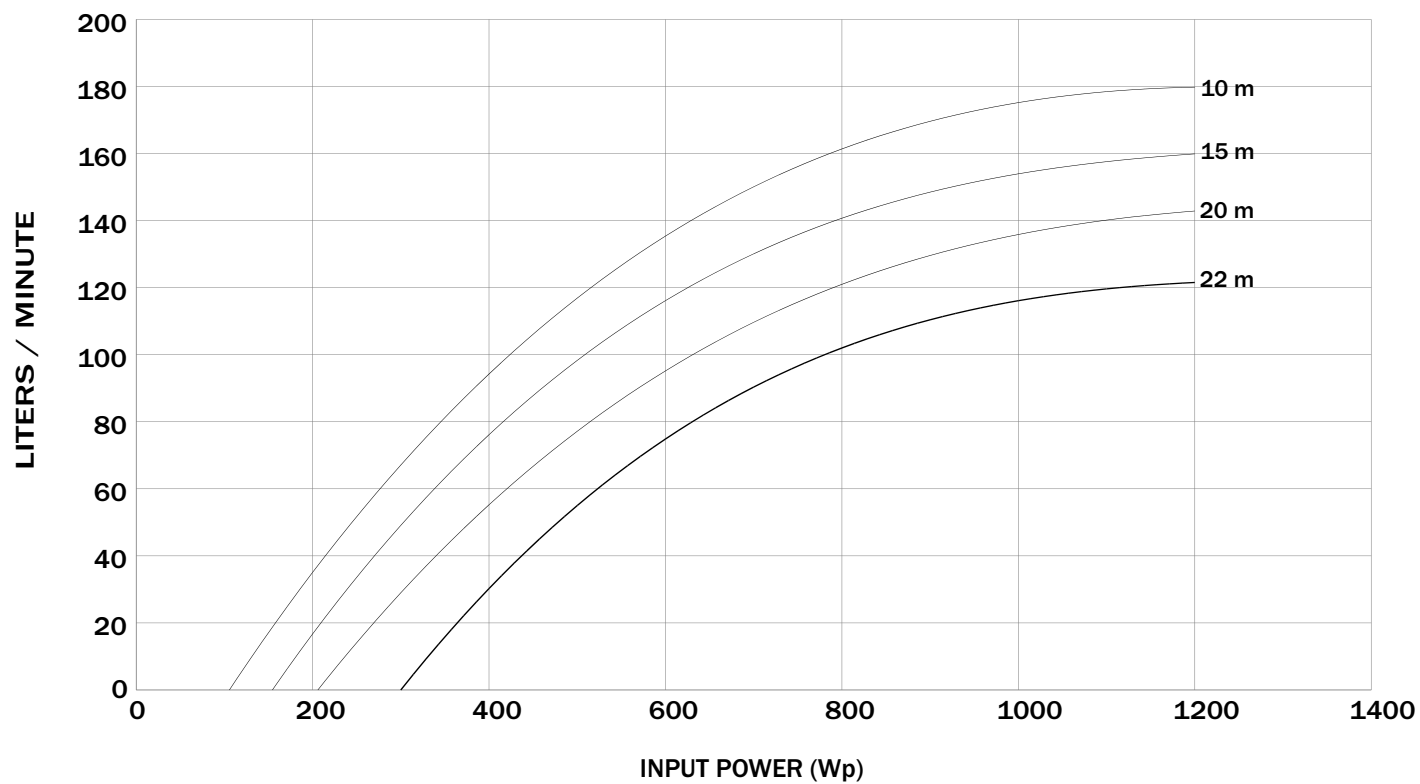
PUMP SET CODE : 9500000819

PUMP CODE : 9000029941

DISCHARGE (LPD) : 73560

DISCHARGE (LPW) : 61.3

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	1200	800	500	300	200	150	100
HEAD (m)	FLOW IN LPM						
22	122	102	55	0			
20	143	120	80	25	0		
15	160	140	100	48	15	0	
10	180	160	120	65	35	15	0

SOLAR PUMPING SYSTEM



SOLAR 8 DCSSP 1200

BSP 40 mm (4X4)

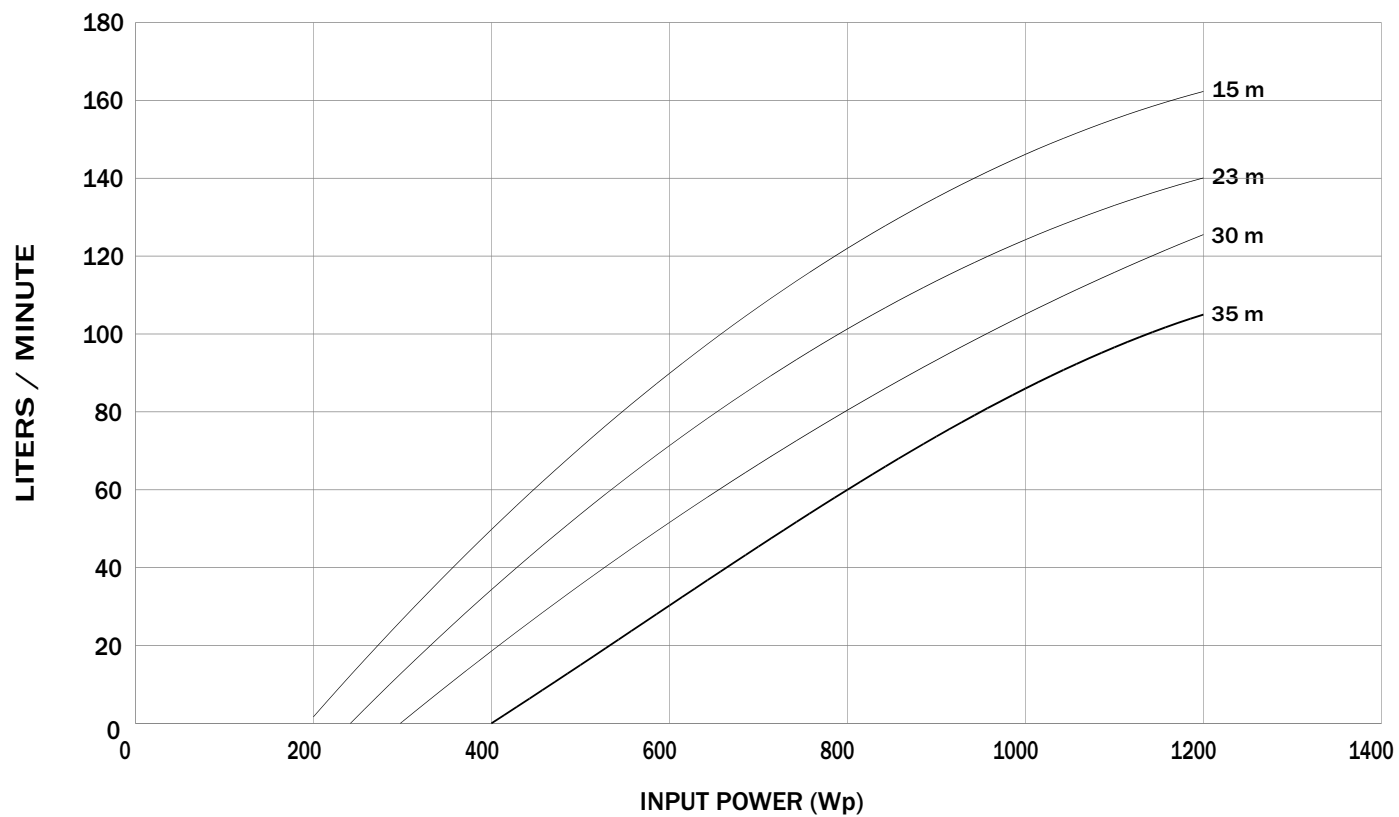
PUMP SET CODE : 9500002259

PUMP CODE : 9000030111

DISCHARGE (LPD) : 47400

DISCHARGE (LPW) : 39.5

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	1200	1000	800	400	300	250	200
HEAD (m)	FLOW IN LPM						
35	105	86	60	0			
30	126	104	81	19	0		
23	140	125	100	35	15	0	
15	163	145	122	50	28	15	0

SOLAR PUMPING SYSTEM



SOLAR 3 DCSSP 1200

BSP 32 mm (4X4)

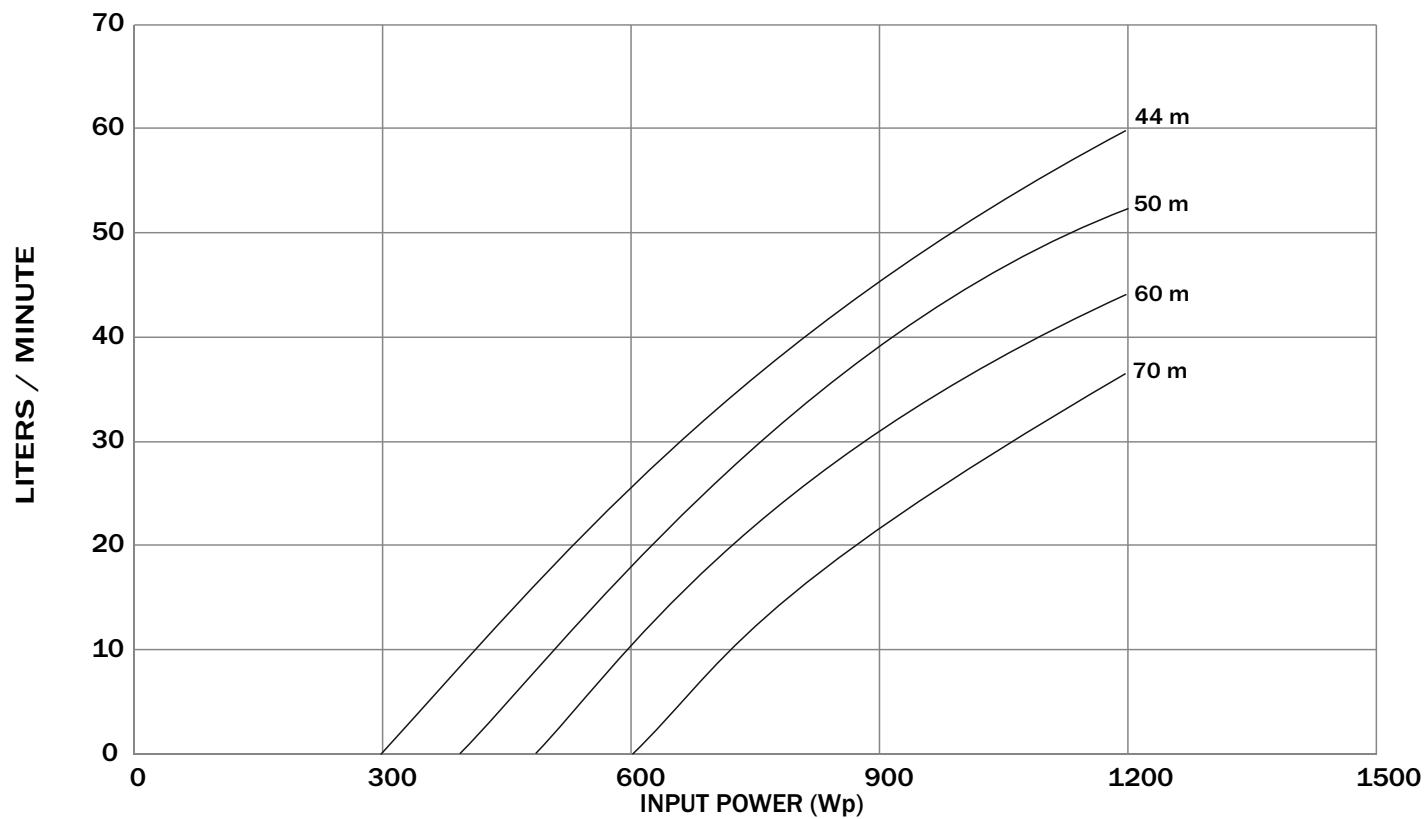
PUMP SET CODE : 9500002626

PUMP CODE : 9000032726

DISCHARGE (LPD) : 14400

DISCHARGE (LPW) : 12.0

DUTY HEAD : 60 METER



	INPUT POWER (Wp)						
	1200	1100	950	600	500	400	300
HEAD (m)	FLOW IN LPM						
70	37	31	24	0			
60	44	39	34	12	0		
50	53	49	41	20	10	0	
44	60	56	47	26	17	9	0

SOLAR PUMPING SYSTEM



SOLAR 39 DCSSP 1800

BSP 75 mm (4X6)

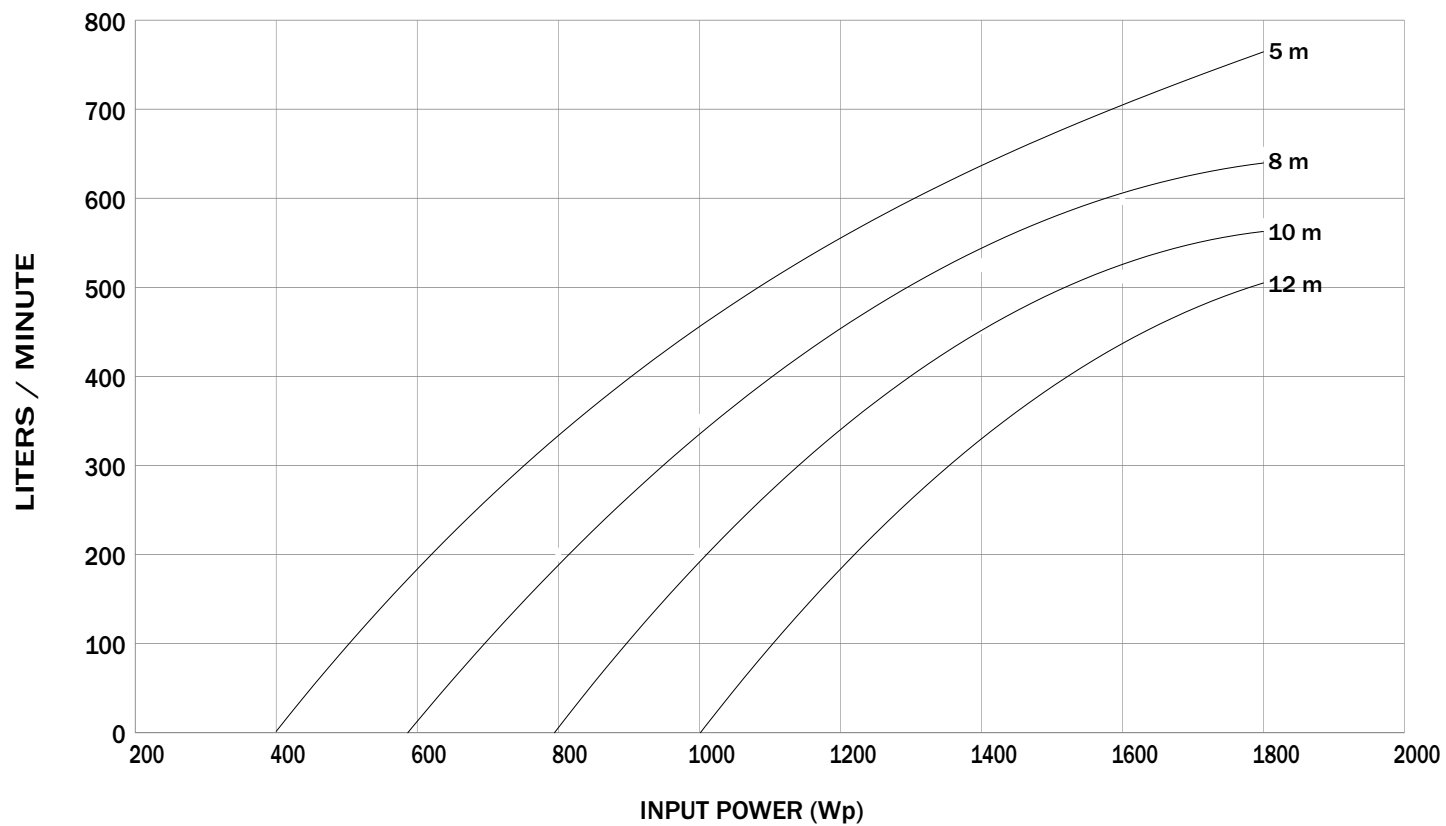
PUMP SET CODE : 9500002245

PUMP CODE : 9000029285

DISCHARGE (LPD) : 237600

DISCHARGE (LPW) : 132.0

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	1800	1600	1400	1000	800	600	400
HEAD (m)	FLOW IN LPM						
12	500	450	320	0			
10	570	512	455	200	0		
8	650	600	525	350	200	0	
5	760	720	620	470	320	190	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 1800

BSP 50mm (4X4)

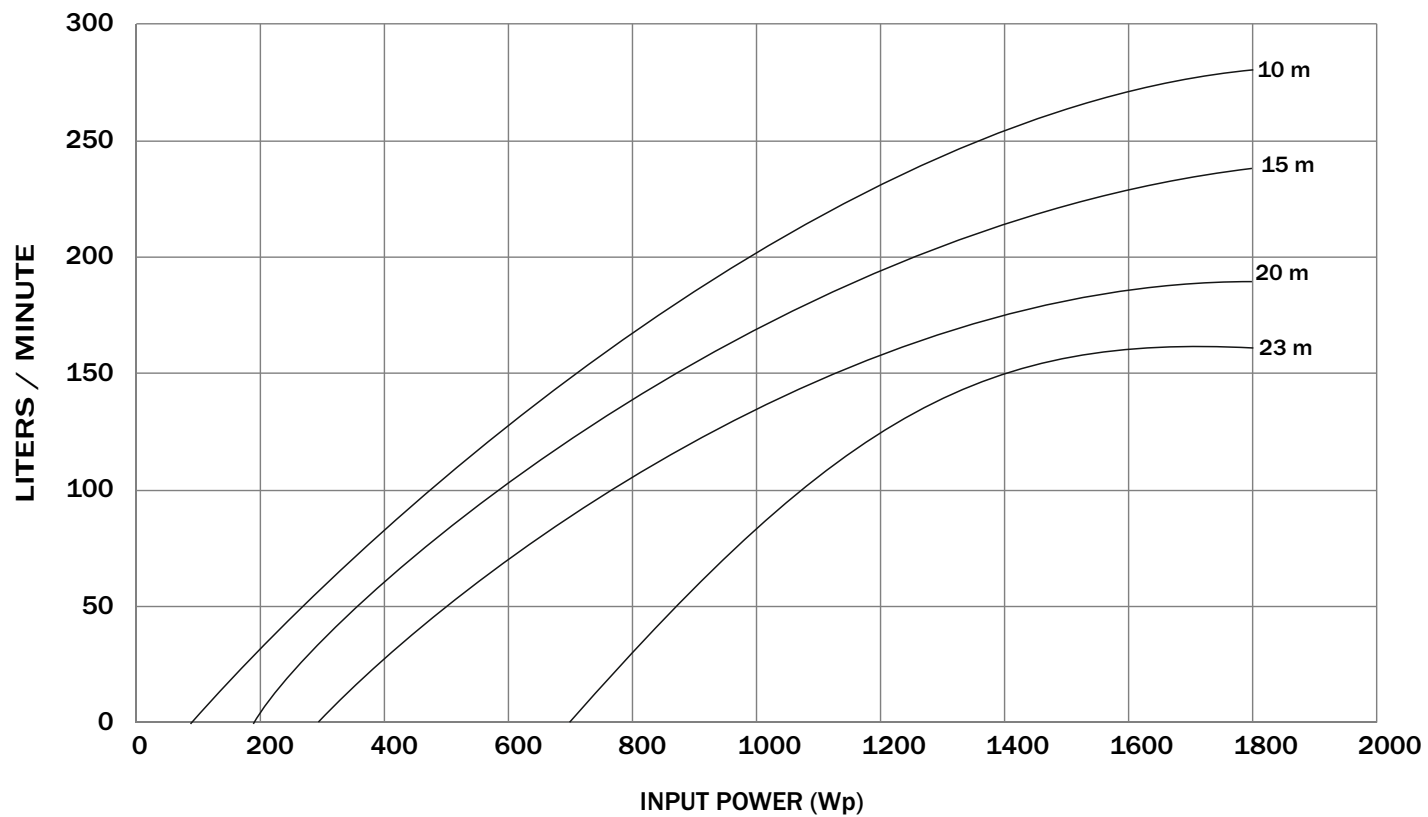
PUMP SET CODE : 9500002246

PUMP CODE : 9000033009

DISCHARGE (LPD) : 104400

DISCHARGE (LPW) : 58.0

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	1800	1400	1100	700	300	200	100
HEAD (m)	FLOW IN LPM						
23	162	147	108	0			
20	190	173	146	90	0		
15	238	216	183	120	35	0	
10	280	255	219	146	60	32	0

SOLAR PUMPING SYSTEM



SOLAR 12 DCSSP 1800

BSP 50 mm (4X4)

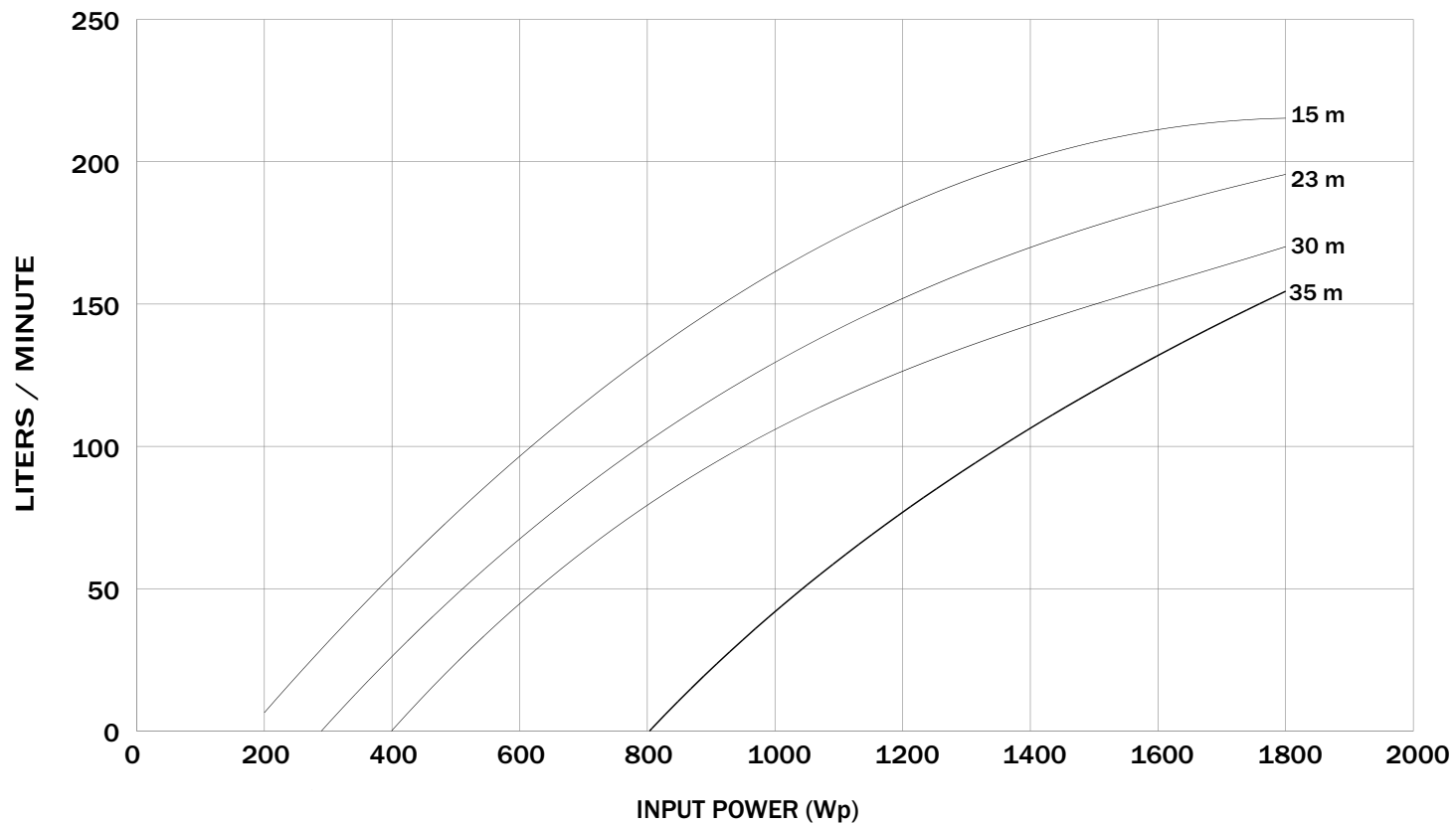
PUMP SET CODE : 9500002257

PUMP CODE : 9000029943

DISCHARGE (LPD) : 72000

DISCHARGE (LPW) : 40.0

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	1800	1600	1400	800	400	300	200
HEAD (m)	FLOW IN LPM						
35	152	140	100	0			
30	169	160	140	80	0		
23	195	185	170	100	30	0	
15	217	210	200	130	60	35	0

SOLAR PUMPING SYSTEM



SOLAR 6 DCSSP 1800

BSP 40 mm (4X4)

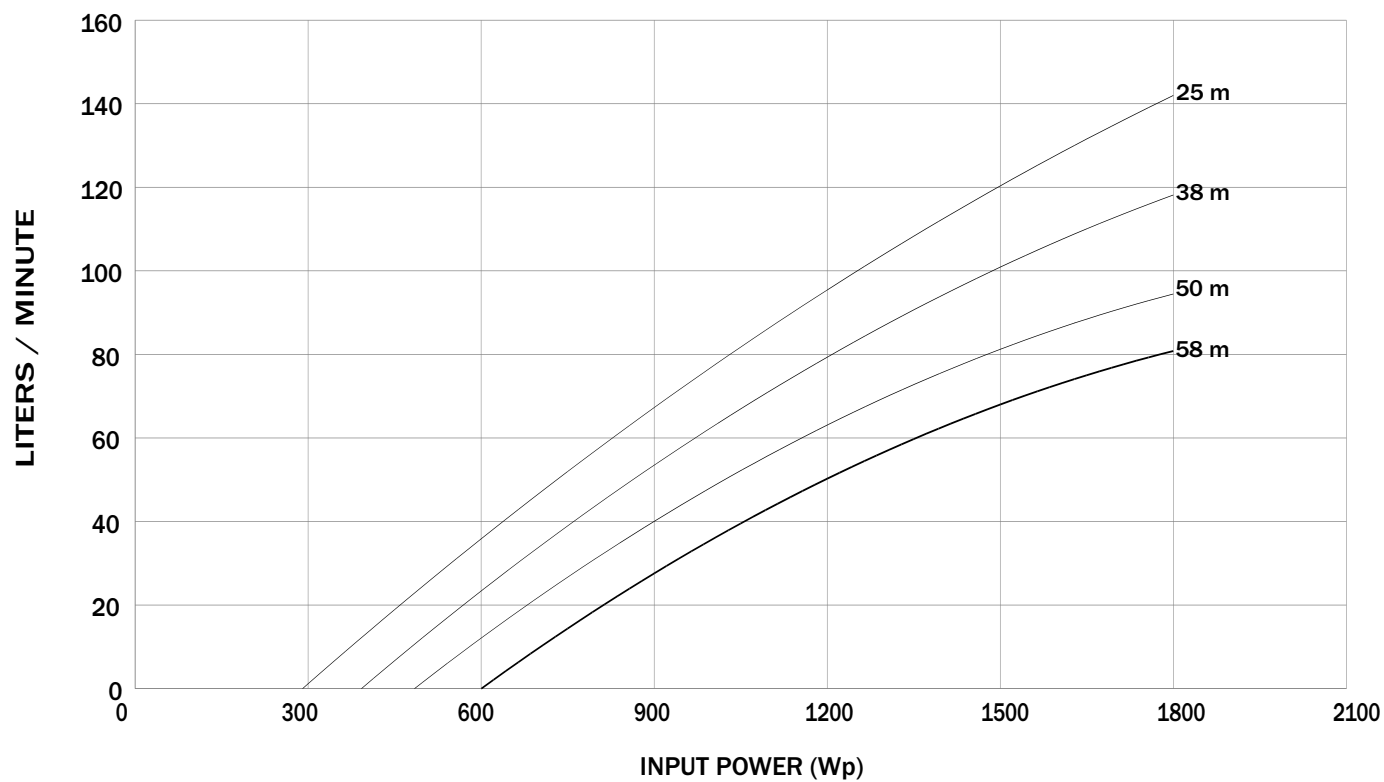
PUMP SET CODE : 9500002214

PUMP CODE : 9000023439

DISCHARGE (LPD) : 36000

DISCHARGE (LPW) : 20.0

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	1800	1400	1200	600	500	400	300
HEAD (m)	FLOW IN LPM						
58	81	63	50	0			
50	95	74	64	14	0		
38	119	93	80	25	12	0	
25	143	111	96	35	27	13	0

SOLAR PUMPING SYSTEM



SOLAR 2 DCSSP 1800

BSP 32 mm (4X4)

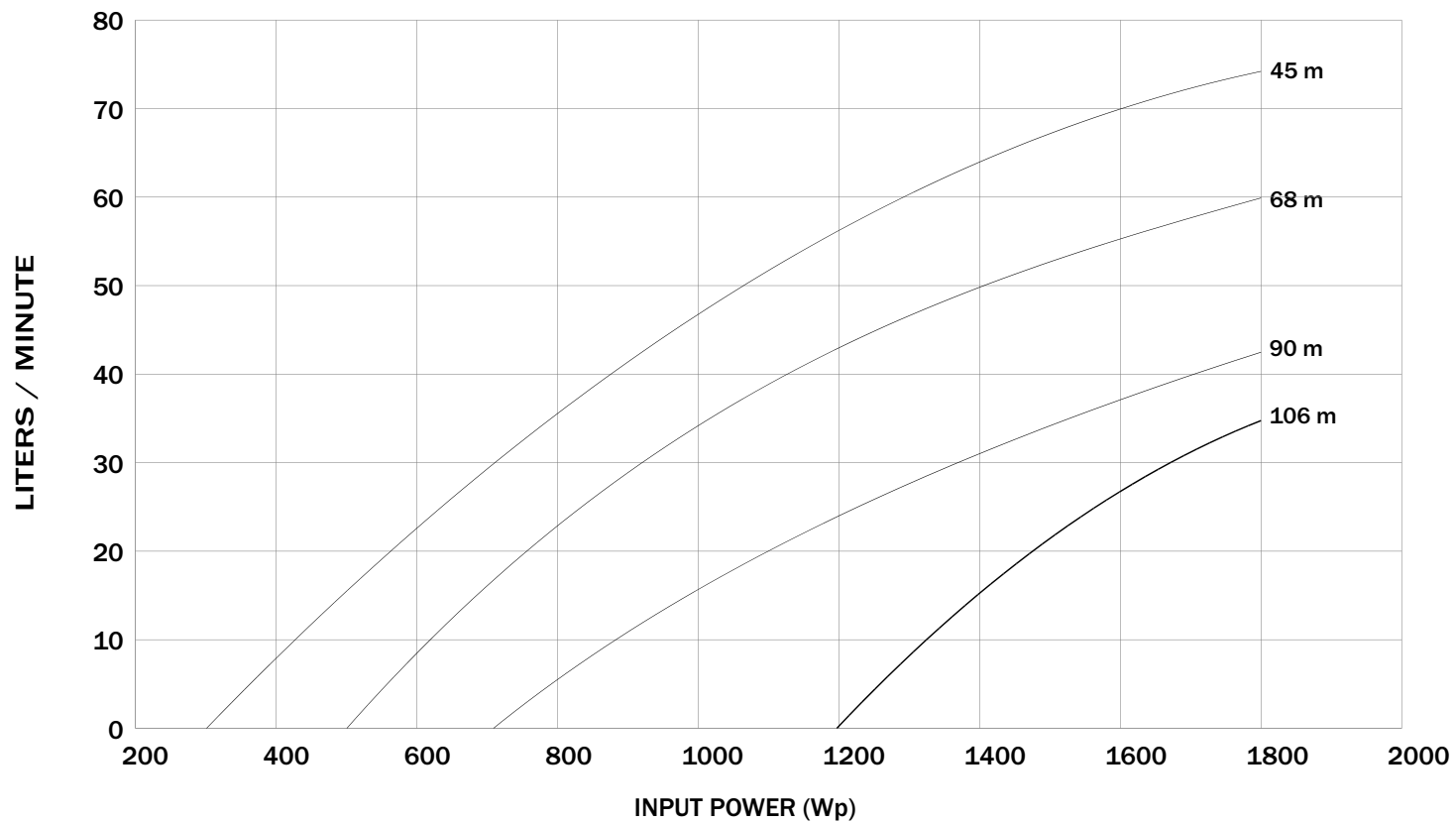
PUMP SET CODE : 9500002248

PUMP CODE : 9000030391

DISCHARGE (LPD) : 16000

DISCHARGE (LPW) : 8.9

DUTY HEAD : 90 METER



	INPUT POWER (Wp)						
	1800	1600	1400	1200	700	500	300
HEAD (m)	FLOW IN LPM						
106	35	26	16	0			
90	43	38	30	23	0		
68	60	55	50	43	16	0	
45	74	70	65	55	30	15	0

SOLAR PUMPING SYSTEM



SOLAR 1.5 DCSSP 1800

BSP 32 mm (4X4)

PUMP SET CODE : 9500002249

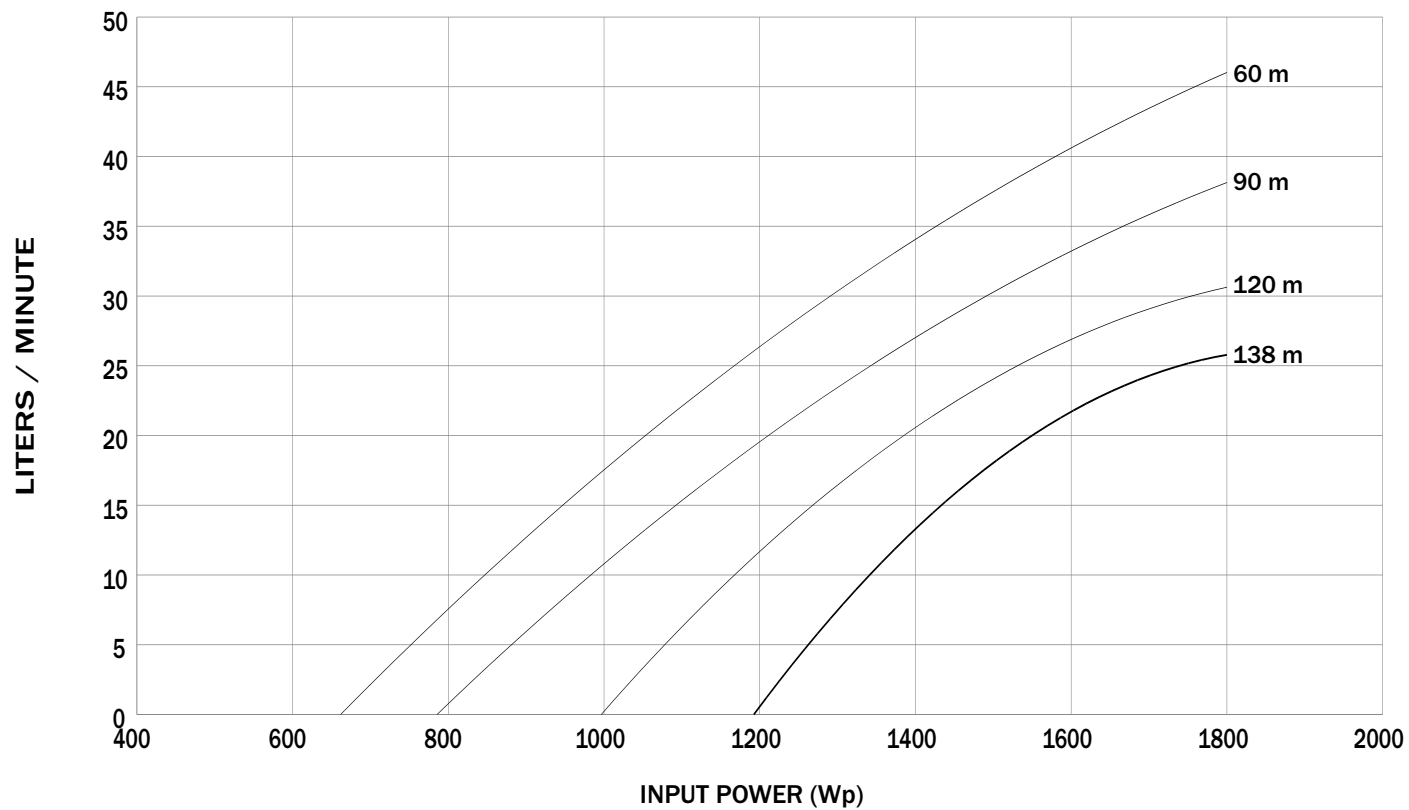
PUMP CODE : 9000029447

DISCHARGE (LPD) : 10080

DISCHARGE (LPW) : 5.6

DUTY HEAD : 120 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	1800	1600	1400	1200	1000	800	650
HEAD (m)	FLOW IN LPM						
138	26	20	15	0			
120	31	26	21	12	0		
90	39	33	26	20	12	0	
60	47	39	35	28	16	7	0

SOLAR PUMPING SYSTEM



SOLAR 63 DCSSP 3000

BSP 75 mm (4X6)

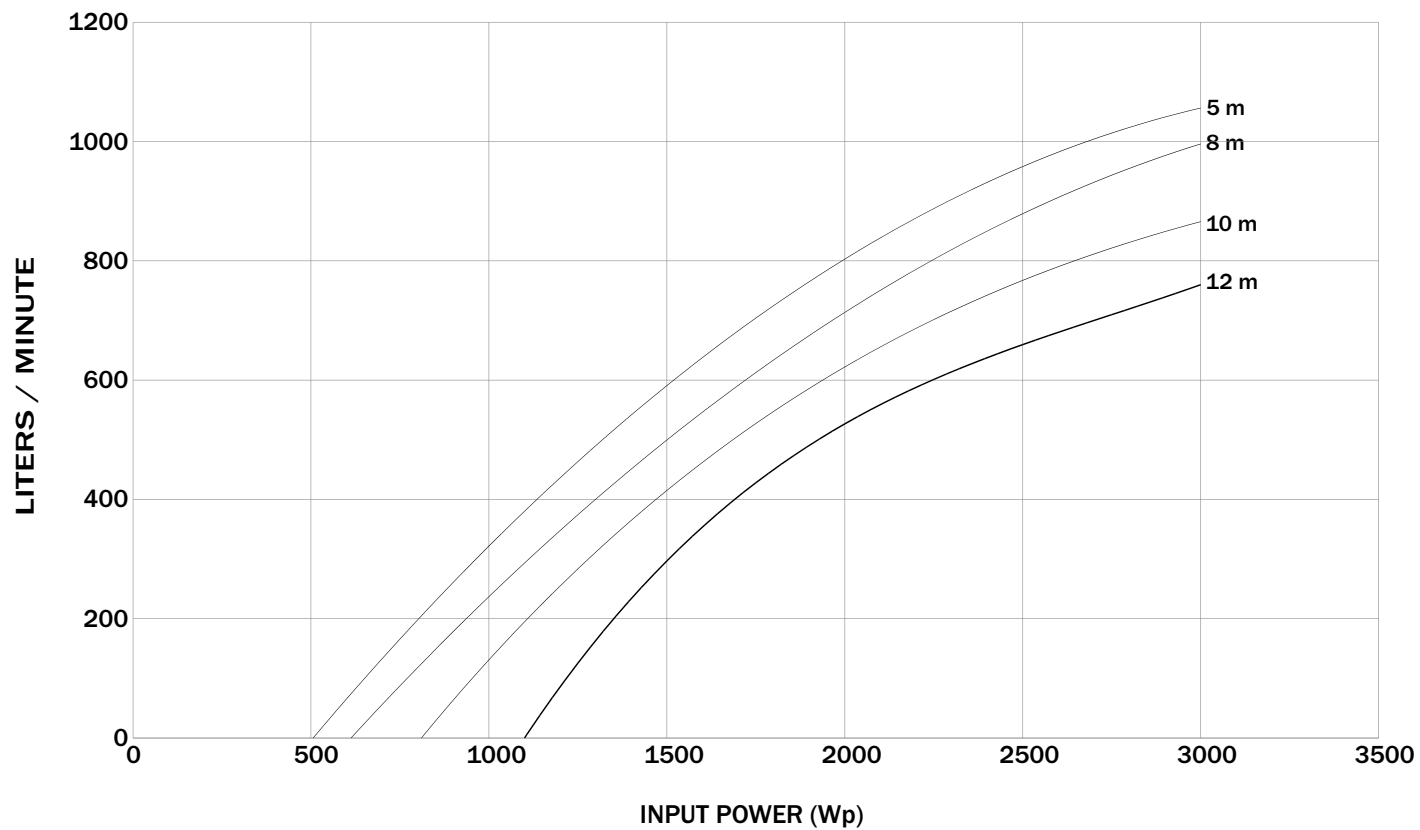
PUMP SET CODE : 9500002081

PUMP CODE : 9000032623

DISCHARGE (LPD) : 237600

DISCHARGE (LPW) : 118.8

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	3000	2700	1800	1100	800	600	500
HEAD (m)	FLOW IN LPM						
12	760	700	450	0			
10	872	800	560	180	0		
8	1005	920	630	320	90	0	
5	1060	1000	720	400	180	65	0

SOLAR PUMPING SYSTEM



SOLAR 30 DCSSP 3000

BSP 63 mm (4X6)

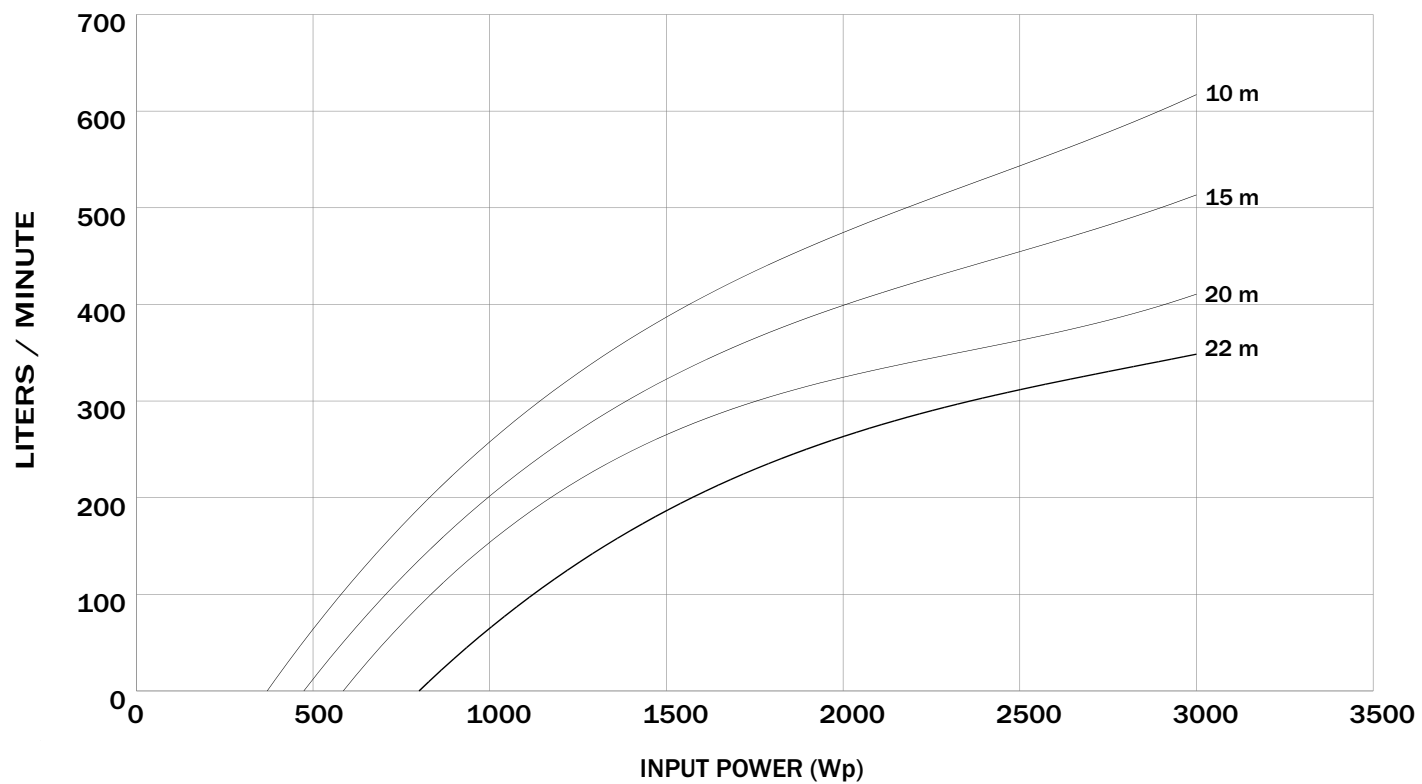
PUMP SET CODE : 9500002082

PUMP CODE : 9000029694

DISCHARGE (LPD) : 237600

DISCHARGE (LPW) : 58.3

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	3000	2400	1200	800	600	500	400
HEAD (m)	FLOW IN LPM						
22	349	303	120	0			
20	410	357	200	100	0		
15	513	446	250	140	70	0	
10	615	536	300	200	120	70	0

SOLAR PUMPING SYSTEM



SOLAR 20 DCSSP 3000

BSP 50 mm (4X6)

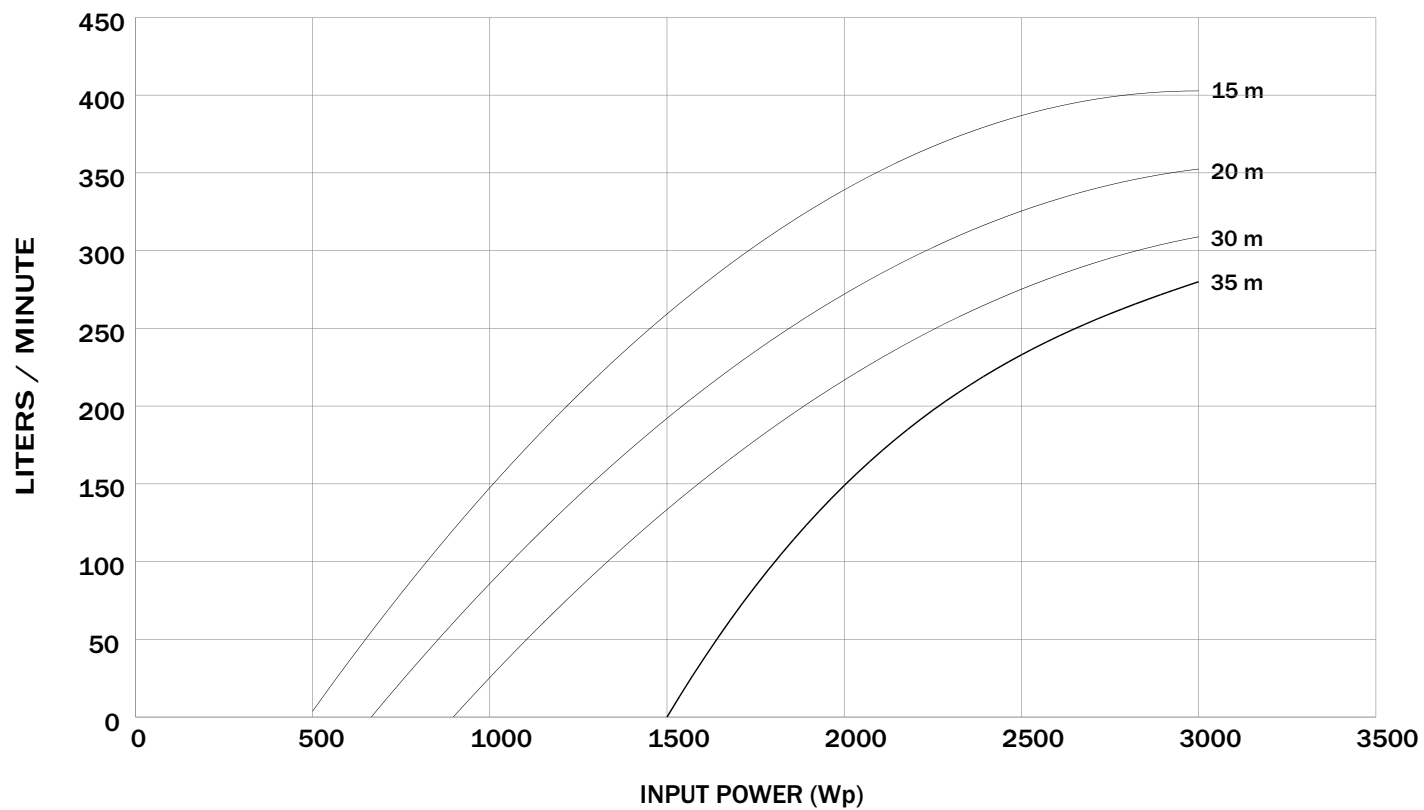
PUMP SET CODE : 9500002083

PUMP CODE : 9000030120

DISCHARGE (LPD) : 121800.0

DISCHARGE (LPW) : 40.6

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	3000	2400	2100	1500	900	700	500
HEAD (m)	FLOW IN LPM						
35	280	220	170	0			
30	310	262	232	135	0		
20	357	310	280	200	70	0	
15	405	373	355	260	120	70	0

SOLAR PUMPING SYSTEM



SOLAR 12 DCSSP 3000

BSP 50 mm (4X4)

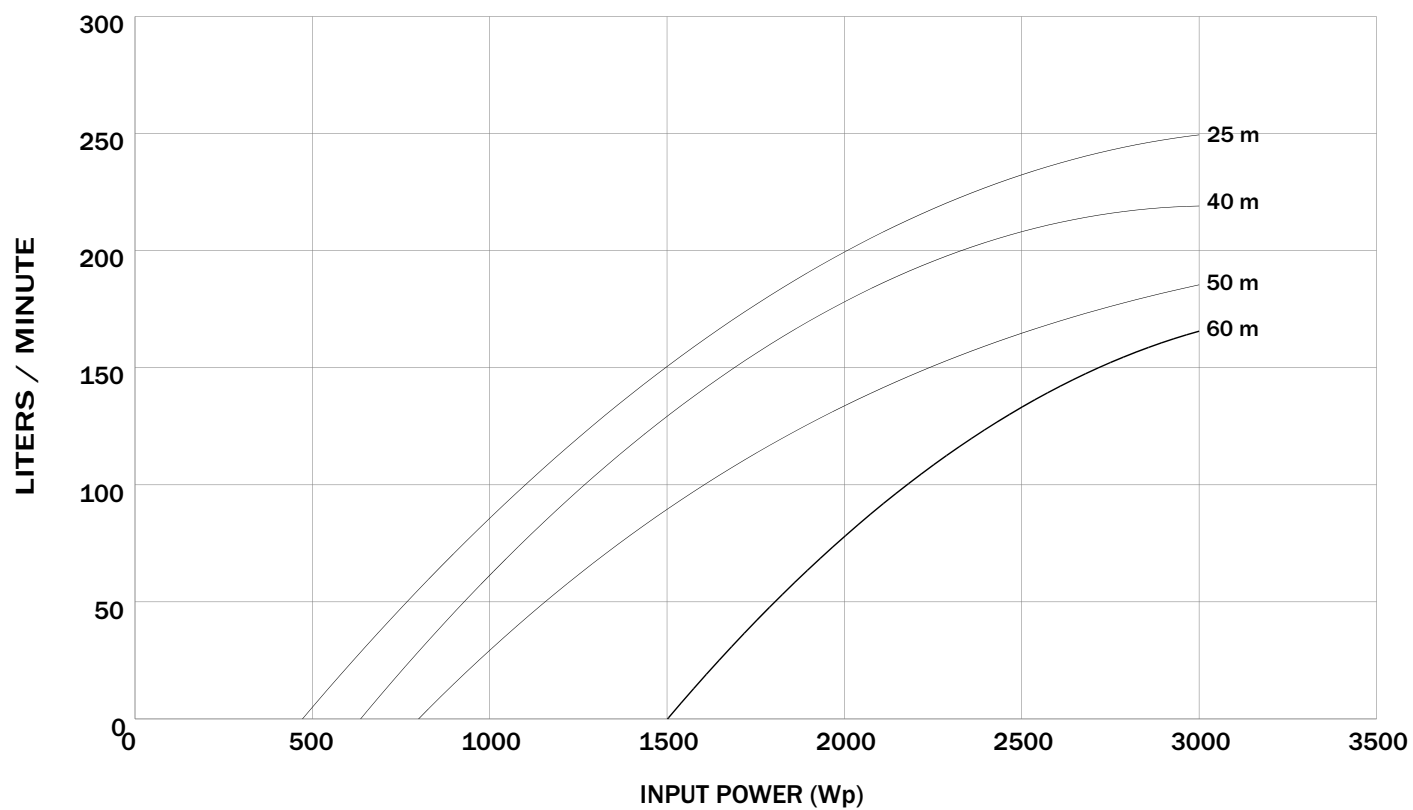
PUMP SET CODE : 9500002062

PUMP CODE : 9000032808

DISCHARGE (LPD) : 74400

DISCHARGE (LPW) : 24.8

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	3000	2700	2100	1500	800	600	400
HEAD (m)	FLOW IN LPM						
60	165	150	90	0			
50	185	175	140	90	0		
40	221	210	190	130	20	0	
25	248	240	210	160	35	20	0

SOLAR PUMPING SYSTEM



SOLAR 8 DCSSP 3000

BSP 50 mm (4X4)

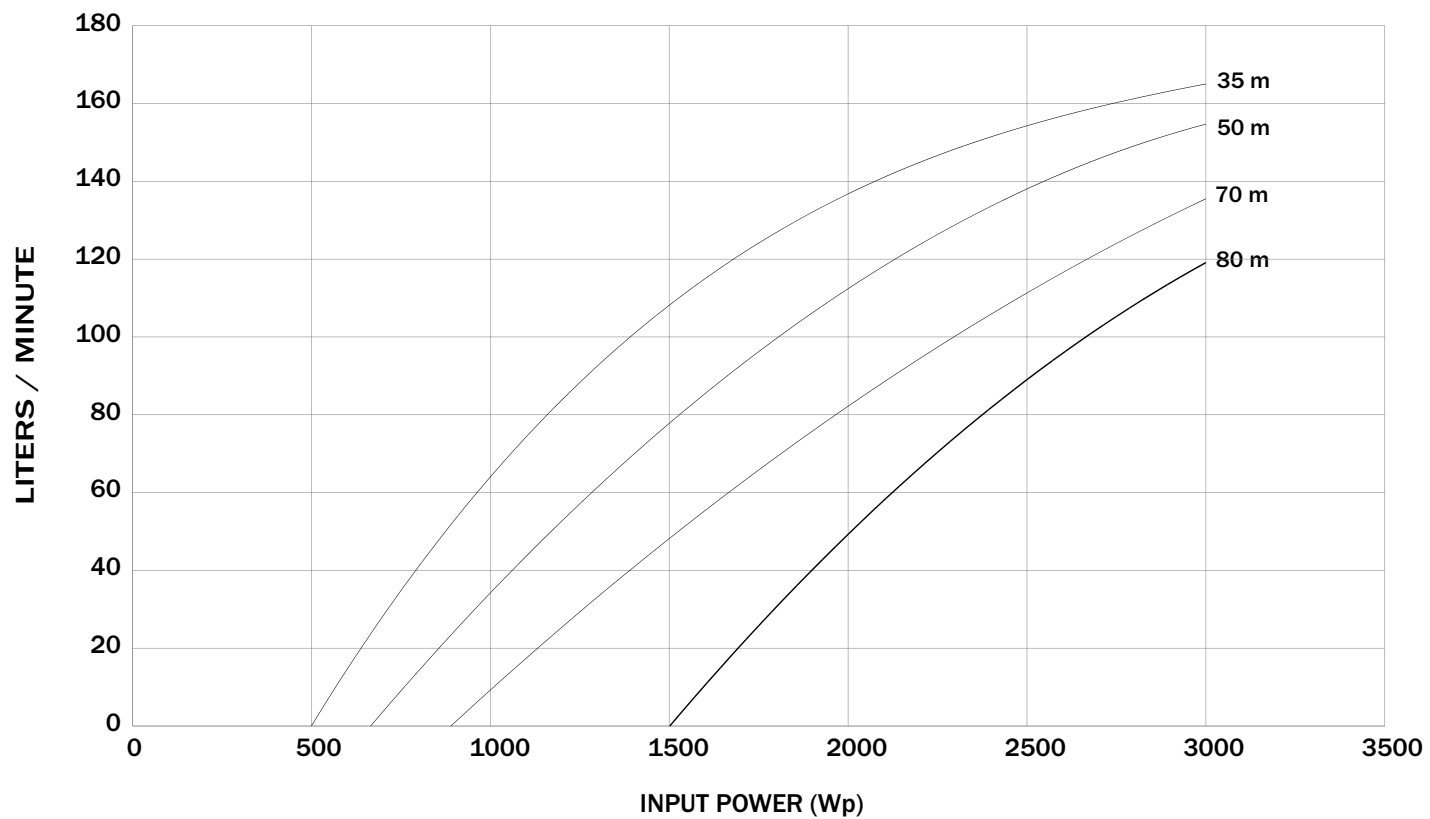
PUMP SET CODE : 9500002063

PUMP CODE : 9000029699

DISCHARGE (LPD) : 49500.0

DISCHARGE (LPW) : 16.5

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	3000	2700	2400	1500	900	700	500
HEAD (m)	FLOW IN LPM						
80	118	105	80	0			
70	137	120	105	50	0		
50	157	145	130	80	28	0	
35	165	160	150	110	50	30	0

SOLAR PUMPING SYSTEM



SOLAR 5 DCSSP 3000

BSP 40 mm (4X4)

PUMP SET CODE : 9500002031

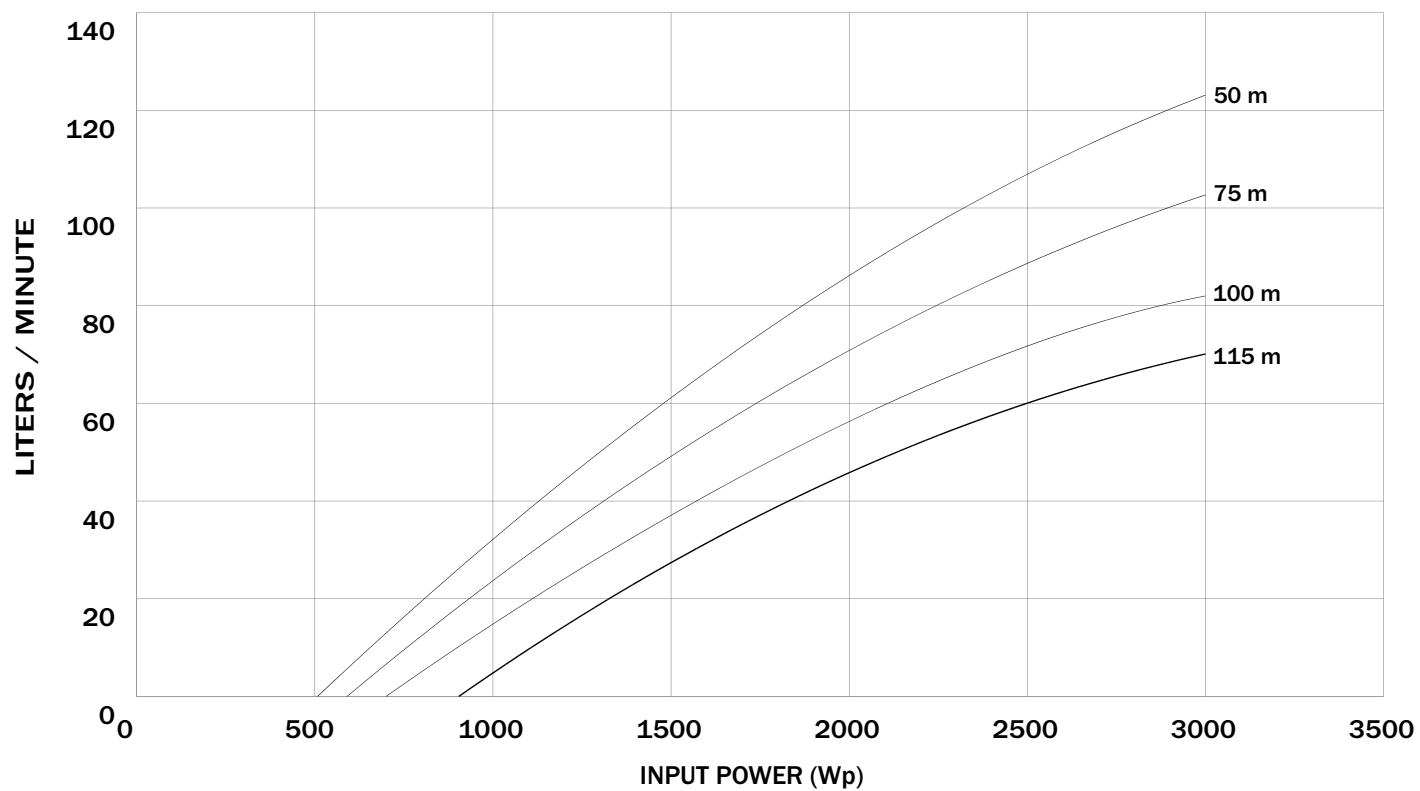
PUMP CODE : 9000030615

DISCHARGE (LPD) : 33000.0

DISCHARGE (LPW) : 11.0

DUTY HEAD : 100 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	3000	2400	1800	900	700	600	500
HEAD (m)	FLOW IN LPM						
115	70	59	38	0			
100	82	69	49	10	0		
75	103	86	61	20	6	0	
50	123	104	76	28	10	7	0

SOLAR PUMPING SYSTEM



SOLAR 2 DCSSP 3000

BSP 32 mm (4X4)

PUMP SET CODE : 9500002427

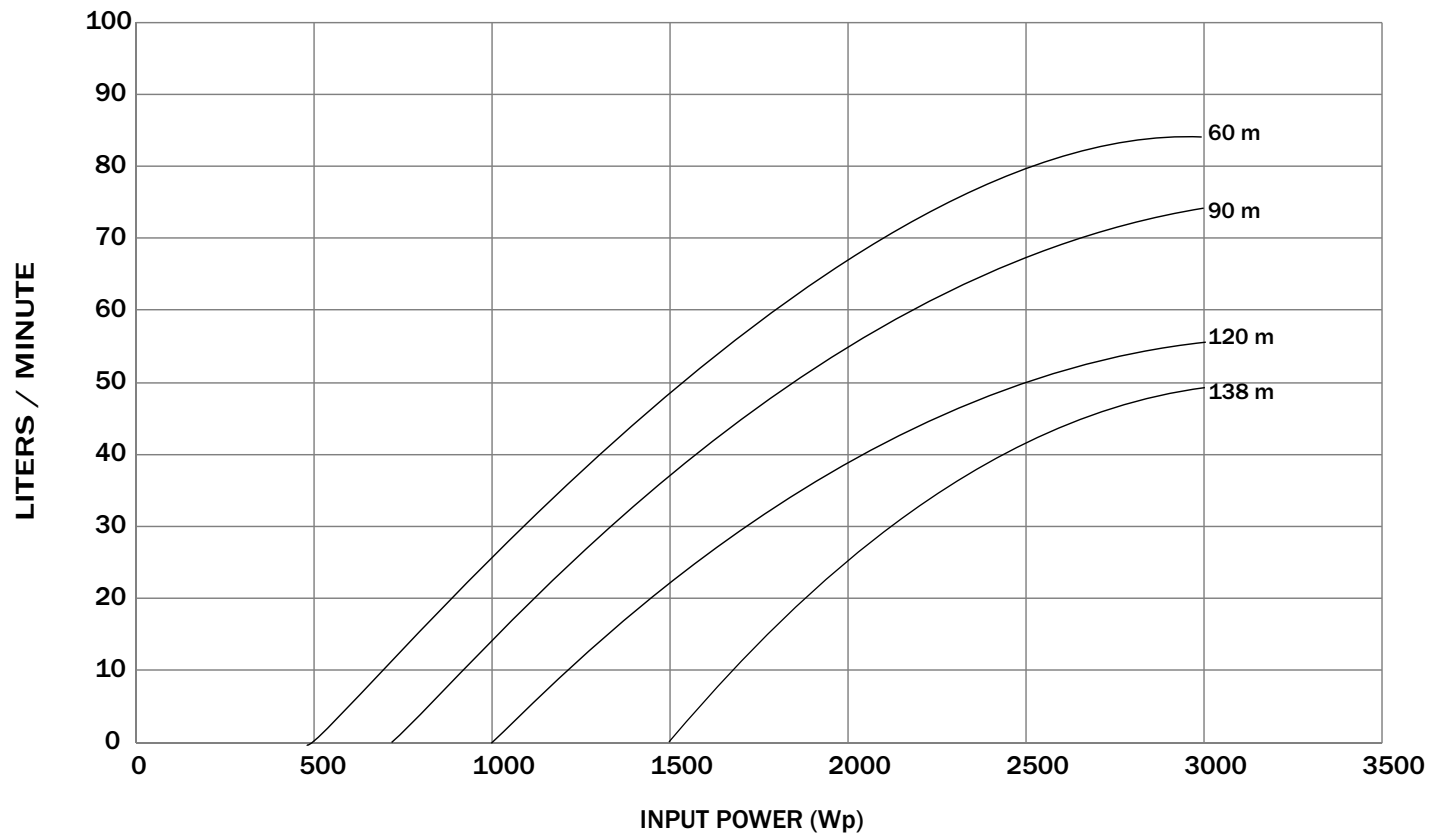
PUMP CODE : 9000031806

DISCHARGE (LPD) : 19800.0

DISCHARGE (LPW) : 6.6

DUTY HEAD : 120 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	3000	2700	2400	1500	1000	700	450
HEAD (m)	FLOW IN LPM						
138	50	45	40	0			
120	56	53	47	23	0		
90	74	70	65	38	12	0	
60	86	81	75	55	20	10	0

SOLAR PUMPING SYSTEM



SOLAR 3 DCSSP 3000

BSP 32 mm (4X4)

PUMP SET CODE : 9500002407

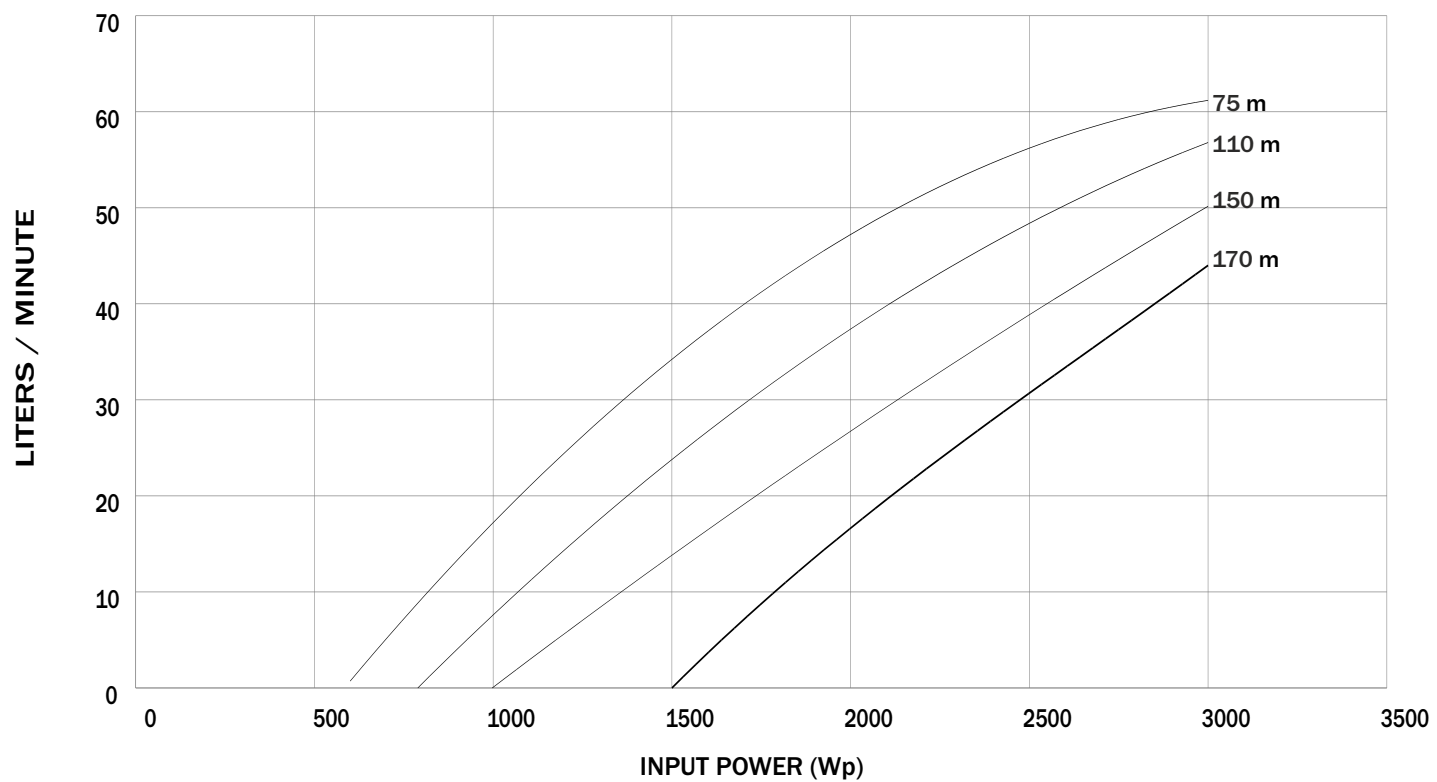
PUMP CODE : 9000023430

DISCHARGE (LPD) : 17100.0

DISCHARGE (LPW) : 5.7

DUTY HEAD : 150 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	3000	2700	2400	1500	1000	800	600
HEAD (m)	FLOW IN LPM						
170	44	36	28	0			
150	50	44	36	14	0		
110	57	52	46	24	8	0	
75	62	58	54	35	17	10	0

SOLAR PUMPING SYSTEM



SOLAR 103 DCSSP 4800

BSP 100 mm (4X6)

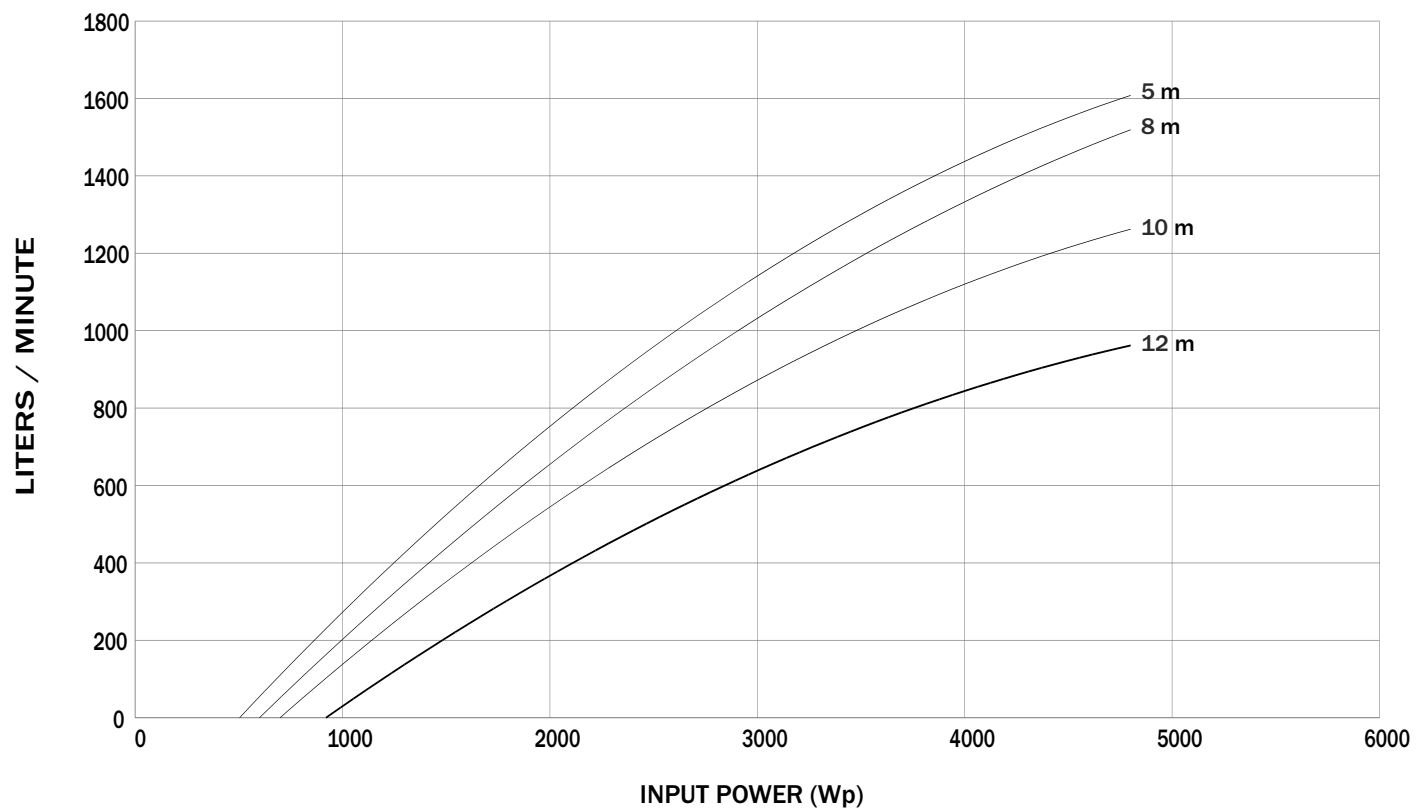
PUMP SET CODE : 9500002109

PUMP CODE : 9000023656

DISCHARGE (LPD) : 571200.0

DISCHARGE (LPW) : 119.0

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	4800	4000	2000	900	700	600	500
HEAD (m)	FLOW IN LPM						
12	950	865	350	0			
10	1252	1138	530	100	0		
8	1500	1366	636	130	80	0	
5	1600	1450	750	200	110	70	0

SOLAR PUMPING SYSTEM



SOLAR 55 DCSSP 4800

BSP 75 mm (4X6)

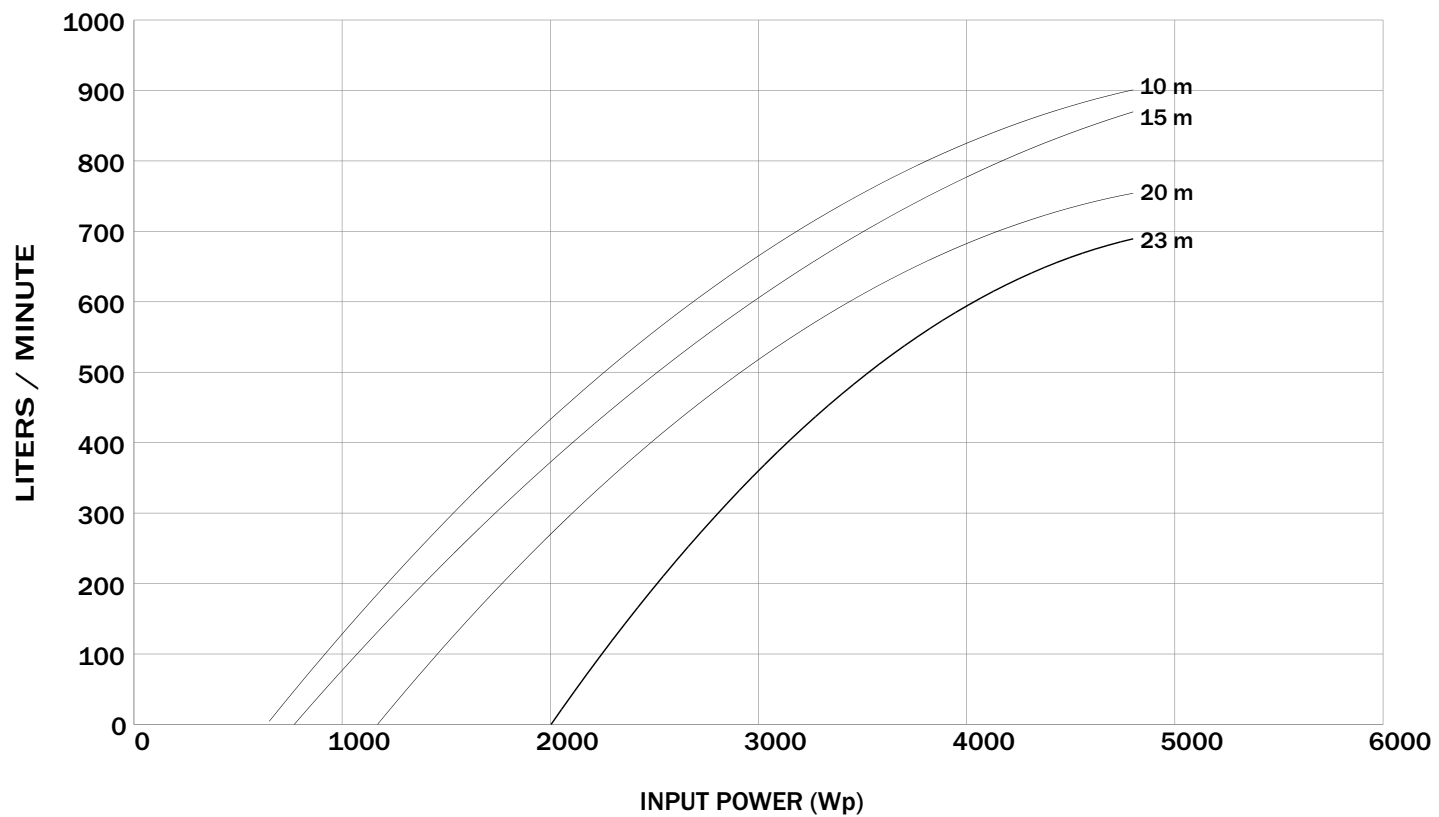
PUMP SET CODE : 9500002084

PUMP CODE : 9000029691

DISCHARGE (LPD) : 323520.0

DISCHARGE (LPW) : 67.4

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	4800	4000	3500	2000	1200	800	650
HEAD (m)	FLOW IN LPM						
23	685	610	480	0			
20	762	674	602	290	0		
15	875	774	690	380	150	0	
10	911	810	750	450	190	60	0

SOLAR PUMPING SYSTEM



SOLAR 33 DCSSP 4800

BSP 63 mm (4X6)

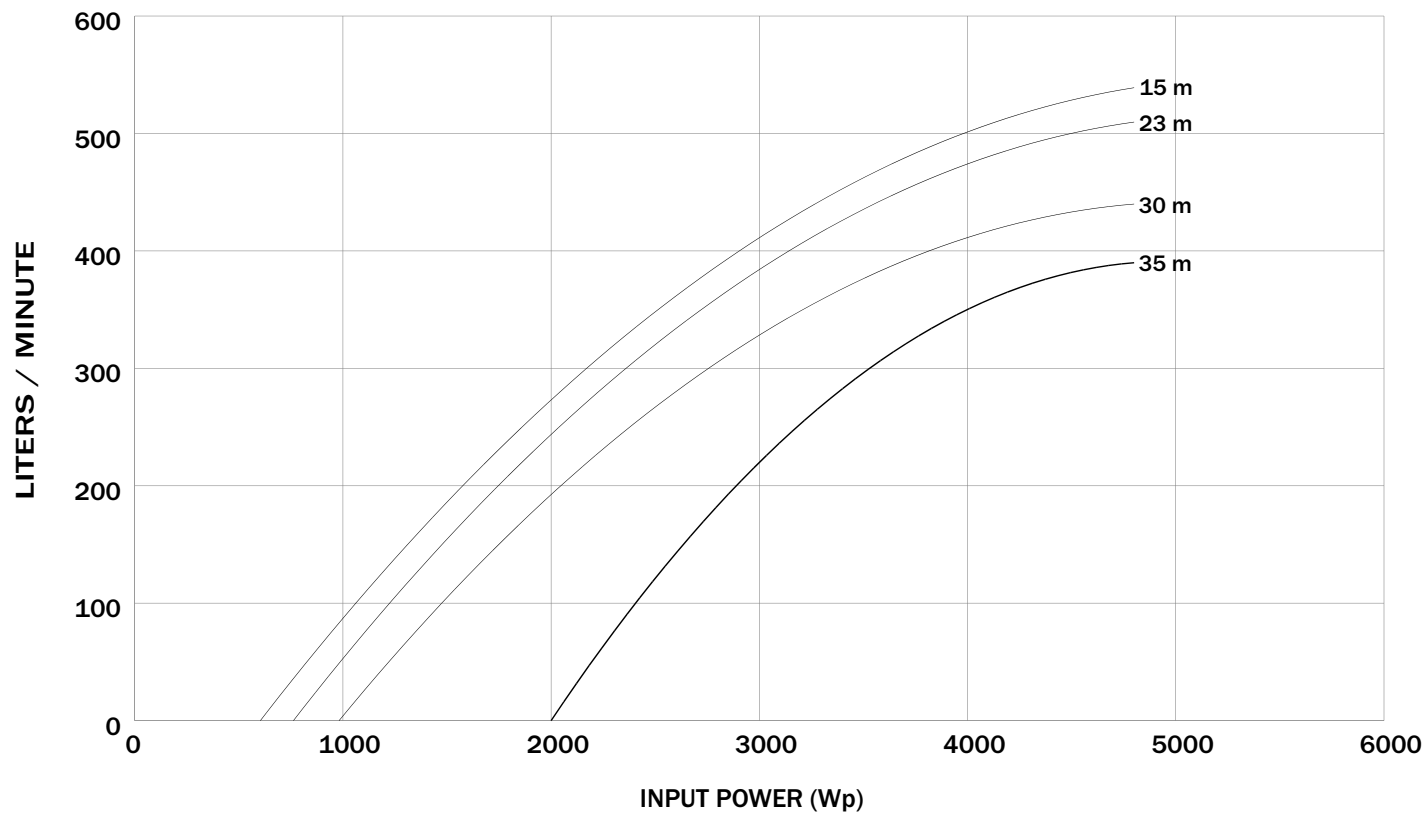
PUMP SET CODE : 9500002085

PUMP CODE : 9000032800

DISCHARGE (LPD) : 192000.0

DISCHARGE (LPW) : 40.0

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	4800	4000	3000	2000	1000	800	600
HEAD (m)	FLOW IN LPM						
35	390	350	220	0			
30	446	400	330	200	0		
23	513	470	380	250	60	0	
15	540	500	410	275	90	40	0

SOLAR PUMPING SYSTEM



SOLAR 20 DCSSP 4800

BSP 50 mm (4X6)

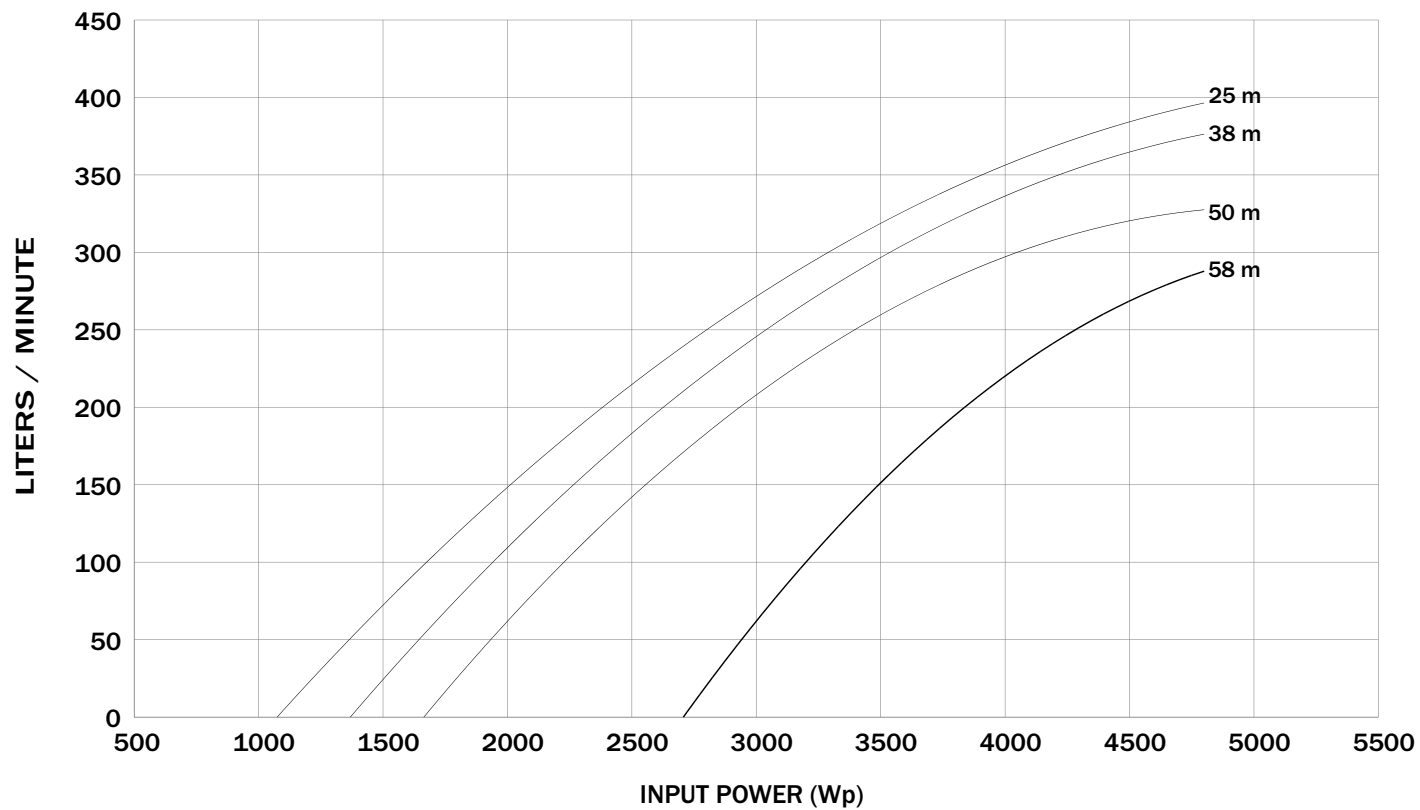
PUMP SET CODE : 9500002064

PUMP CODE : 9000032802

DISCHARGE (LPD) : 116640.0

DISCHARGE (LPW) : 24.3

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	4800	4200	3600	2700	1700	1400	1100
HEAD (m)	FLOW IN LPM						
58	285	250	160	0			
50	336	299	256	190	0		
38	386	340	290	230	60	0	
25	405	360	315	255	100	60	0

SOLAR PUMPING SYSTEM



SOLAR 13 DCSSP 4800

BSP 50 mm (4X4)

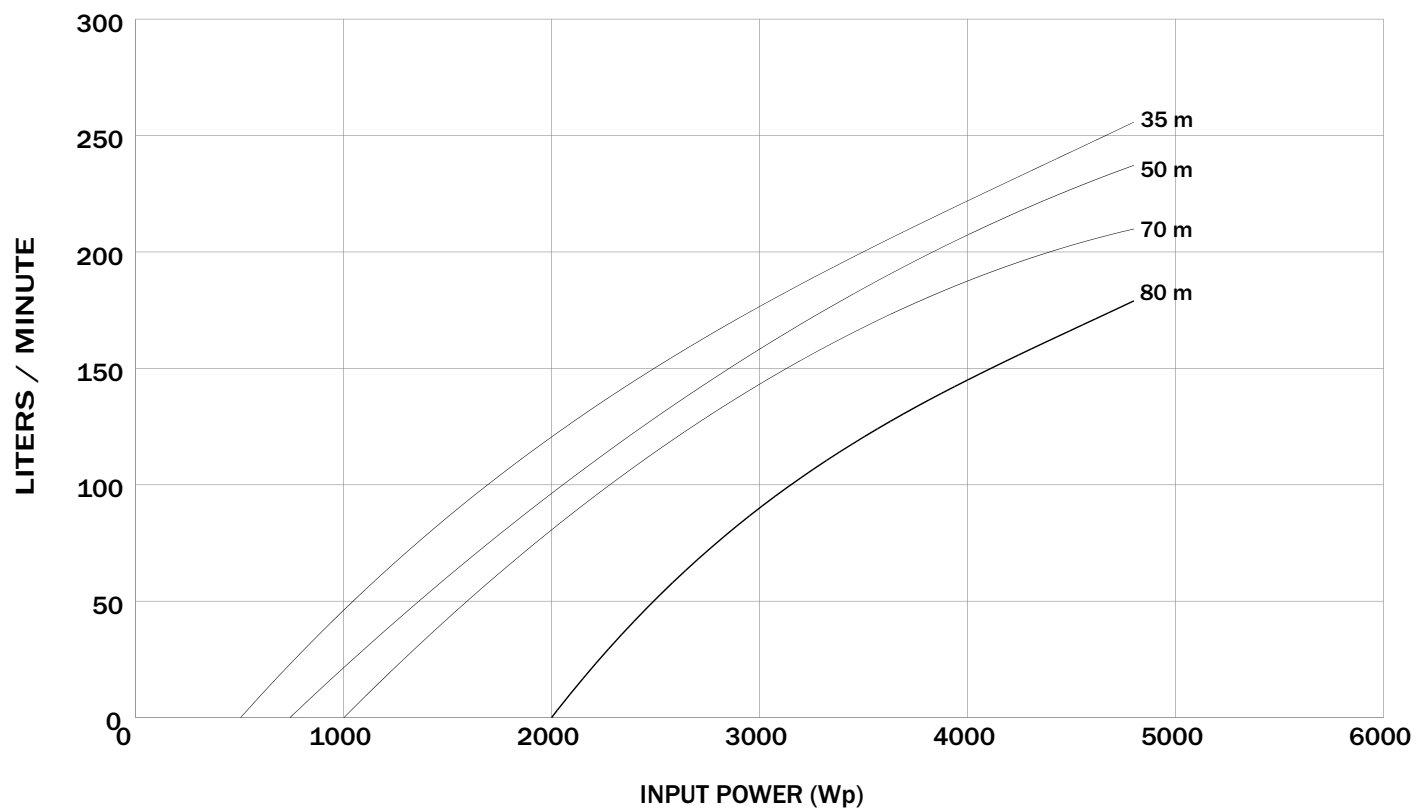
PUMP SET CODE : 9500002065

PUMP CODE : 9000032796

DISCHARGE (LPD) : 89280.0

DISCHARGE (LPW) : 18.6

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	4800	4000	3000	2000	1000	750	550
HEAD (m)	FLOW IN LPM						
80	179	145	90	0			
70	210	187	144	80	0		
50	241	200	160	100	20	0	
35	255	224	175	120	45	30	0

SOLAR PUMPING SYSTEM



SOLAR 10 DCSSP 4800

BSP 50 mm (4X4)

PUMP SET CODE : 9500002033

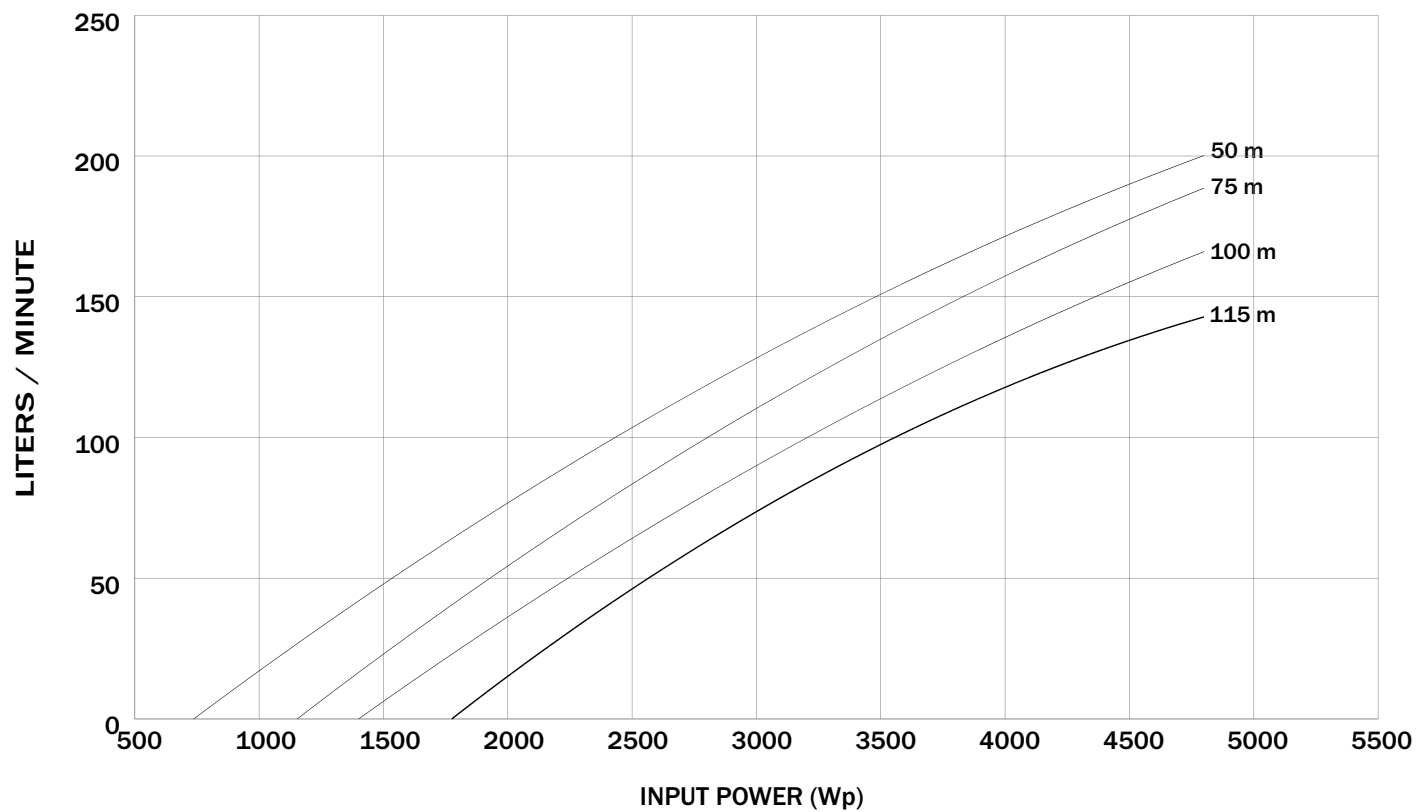
PUMP CODE : 9000032799

DISCHARGE (LPD) : 55200

DISCHARGE (LPW) : 11.5

DUTY HEAD : 100 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	4000	3000	1800	1400	1200	800
HEAD (m)	FLOW IN LPM						
115	146	110	80	0			
100	165	138	88	25	0		
75	190	155	110	45	18	0	
50	202	170	124	70	45	30	0

SOLAR PUMPING SYSTEM



SOLAR 6 DCSSP 4800

BSP 40 mm (4X4)

PUMP SET CODE : 9500002542

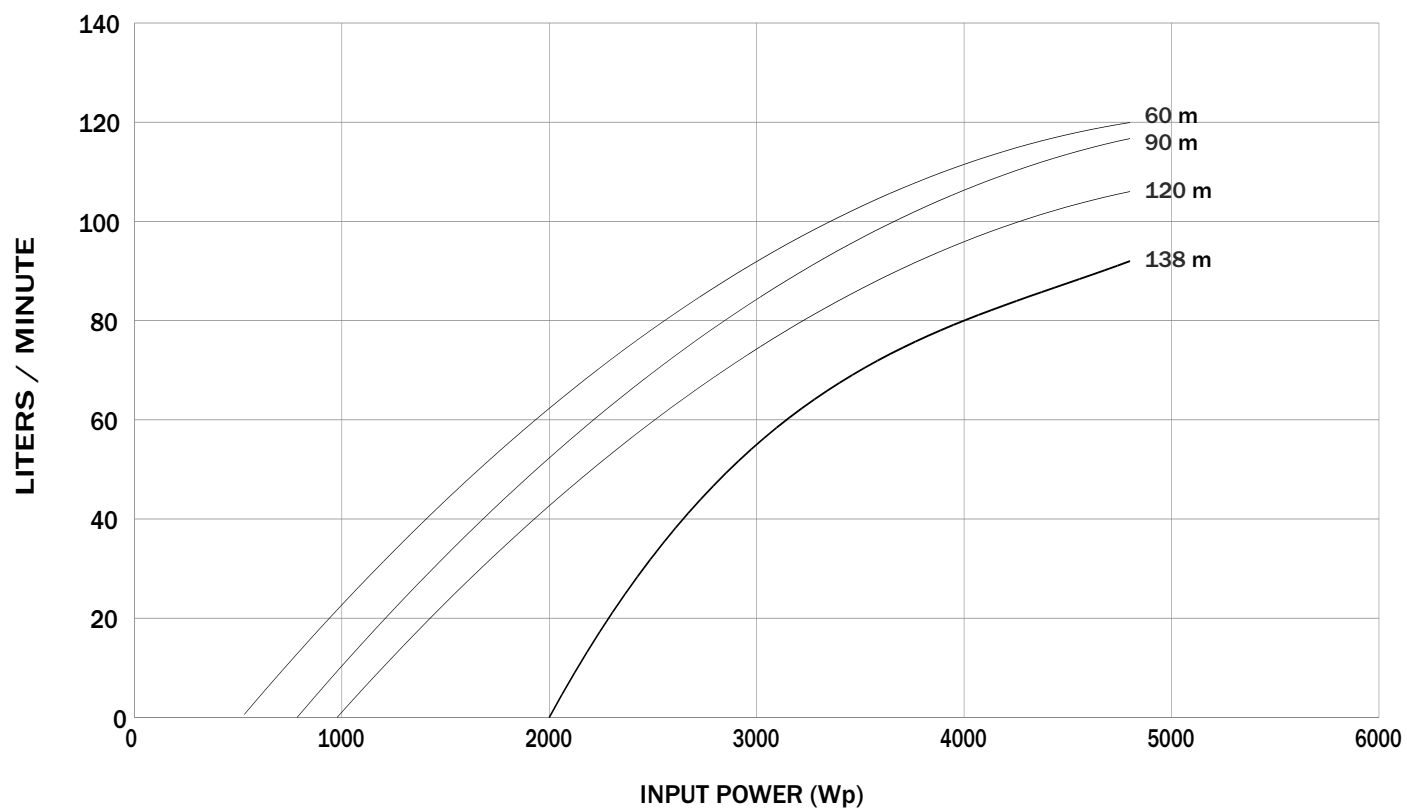
PUMP CODE : 9000023437

DISCHARGE (LPD) : 48000.0

DISCHARGE (LPW) : 10.0

DUTY HEAD : 120 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	4000	3500	2000	1000	800	600
HEAD (m)	FLOW IN LPM						
138	92	80	70	0			
120	107	95	85	45	0		
90	118	105	95	55	10	0	
60	122	110	100	65	25	15	0

SOLAR PUMPING SYSTEM



SOLAR 5 DCSSP 4800

BSP 40 mm (4X4)

PUMP SET CODE : 9500002162

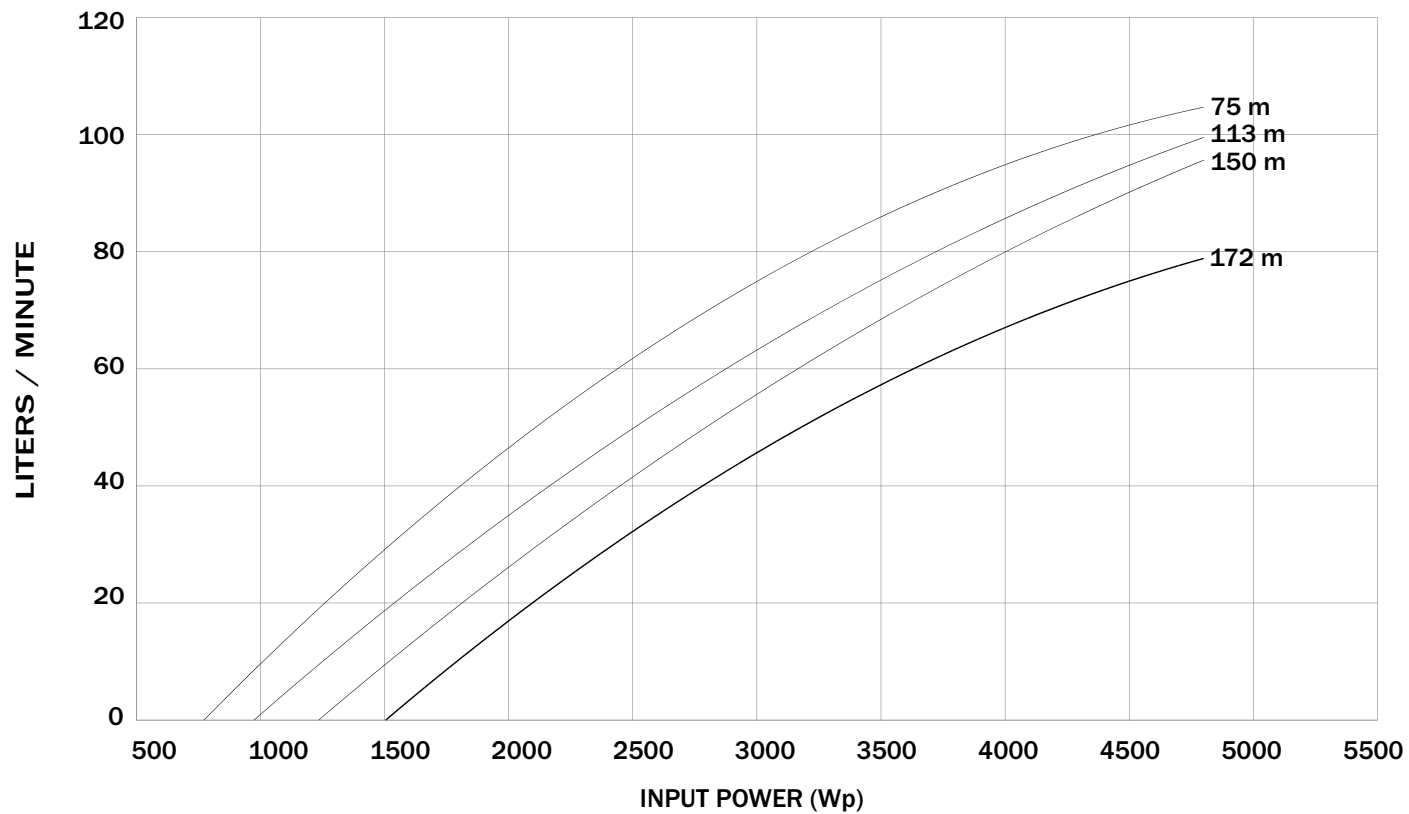
PUMP CODE : 9000032987

DISCHARGE (LPD) : 33600

DISCHARGE (LPW) : 7.0

DUTY HEAD : 150 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	4000	3500	1500	1250	1000	800
HEAD (m)							
172	78	70	55	0			
150	96	79	69	10	0		
113	100	85	75	20	10	0	
75	105	95	85	30	20	10	0

SOLAR PUMPING SYSTEM



SOLAR 4.5 DCSSP 4800

BSP 40 mm (4X4)

PUMP SET CODE : 9500001768

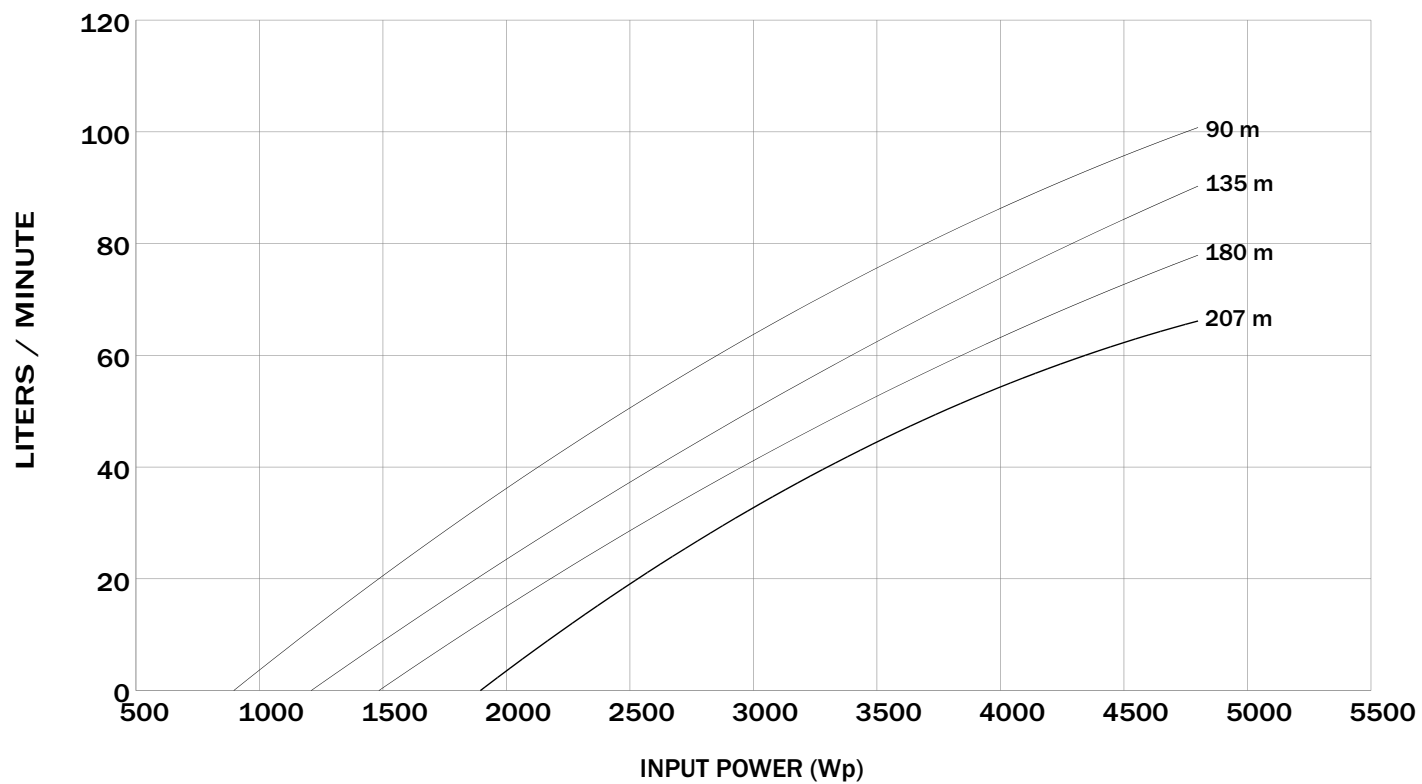
PUMP CODE : 9000029451

DISCHARGE (LPD) : 28800

DISCHARGE (LPW) : 6.0

DUTY HEAD : 180 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	3800	2800	1900	1500	1200	900
HEAD (m)	FLOW IN LPM						
207	66	50	28	0			
180	78	59	36	13	0		
135	90	70	45	20	9	0	
90	100	84	58	32	20	12	0

SOLAR PUMPING SYSTEM



SOLAR 3 DCSSP 4800

BSP 32 mm (4X4)

PUMP SET CODE : 9500002408

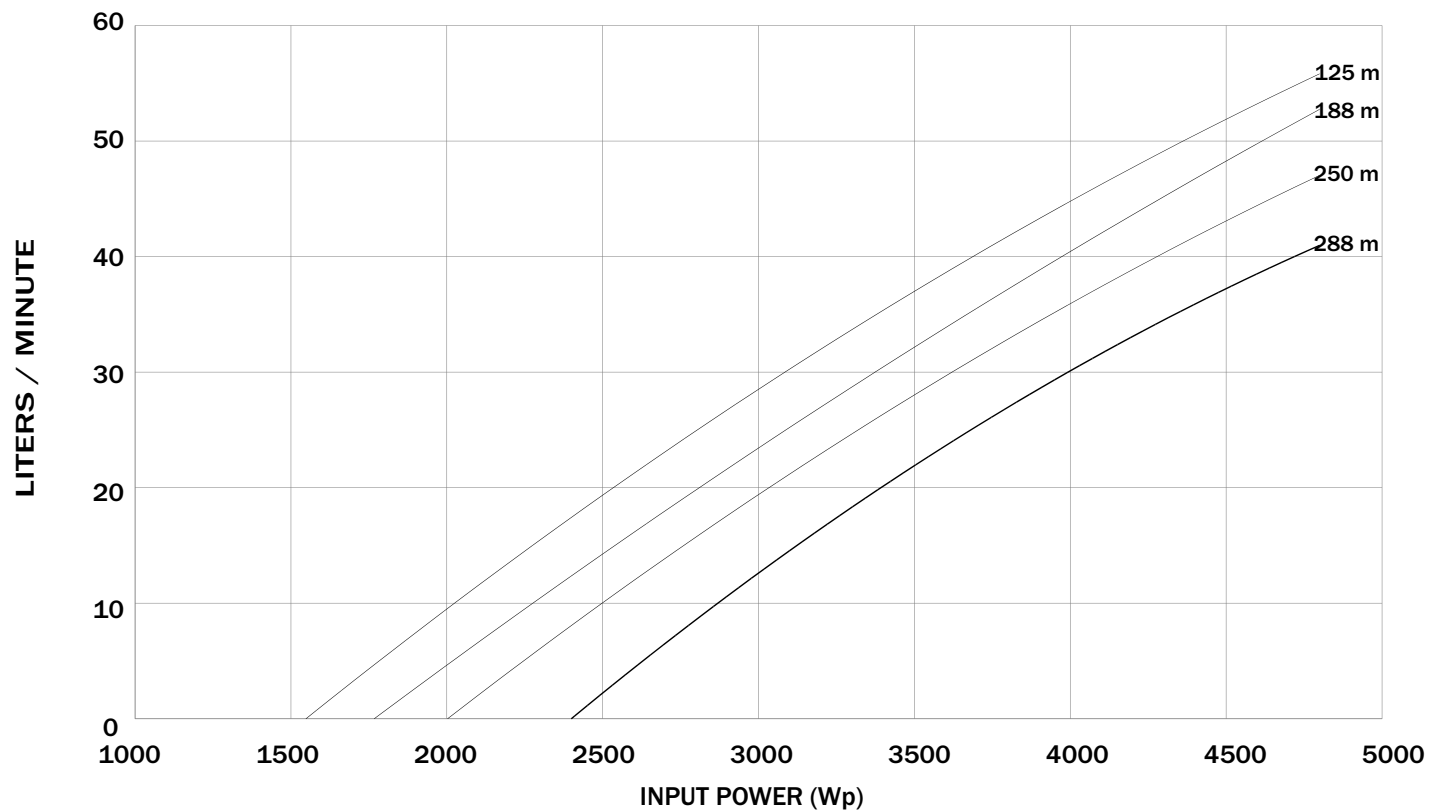
PUMP CODE : 9000030727

DISCHARGE (LPD) : 14400.0

DISCHARGE (LPW) : 3.0

DUTY HEAD : 250 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	4000	3500	2400	2000	1800	1600
HEAD (m)	FLOW IN LPM						
288	41	30	22	0			
250	47	36	28	8	0		
188	53	40	32	13	5	0	
125	56	45	36	18	10	6	0

SOLAR PUMPING SYSTEM



SOLAR 2.5 DCSSP 4800

BSP 32 mm (4X4)

PUMP SET CODE : 9500002348

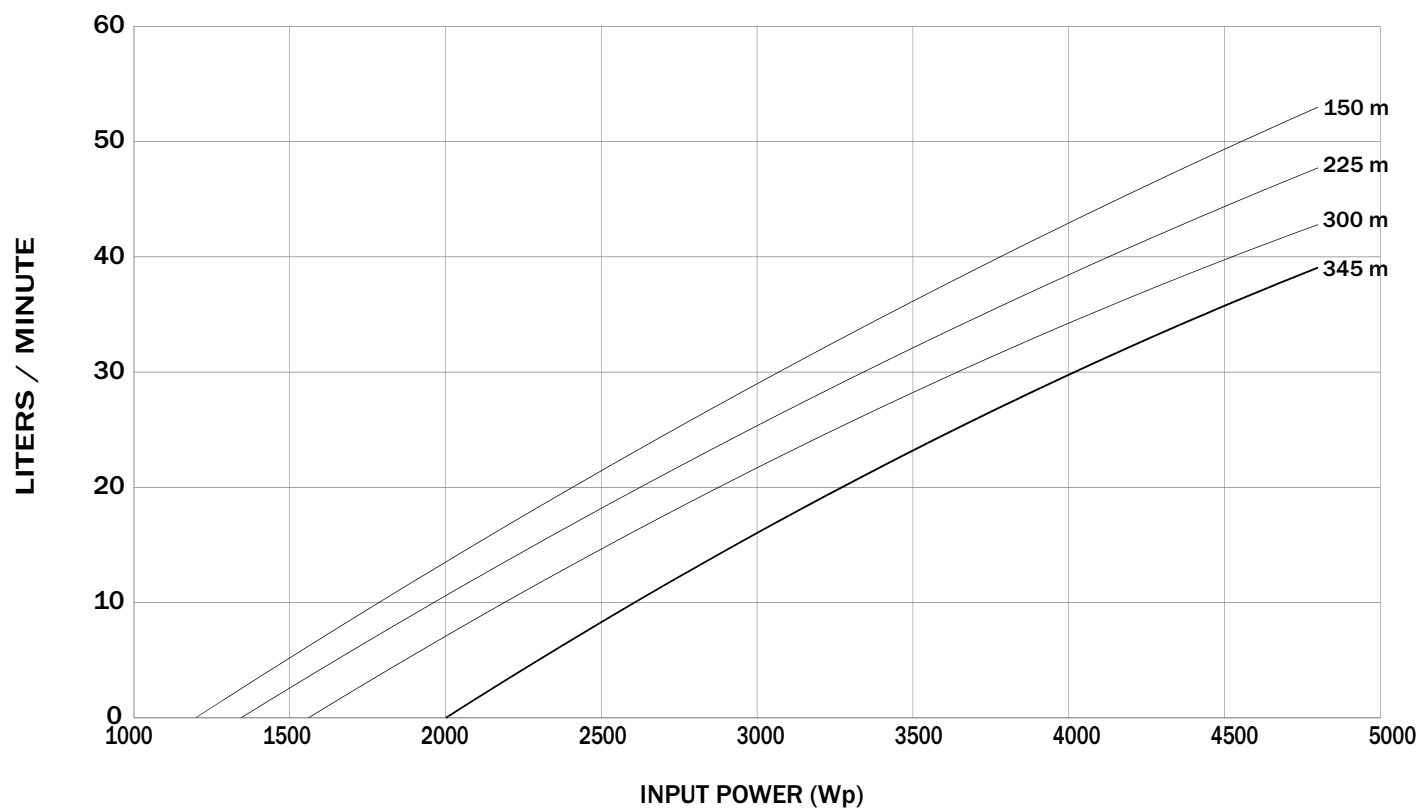
PUMP CODE : 9000031620

DISCHARGE (LPD) : 13440.0

DISCHARGE (LPW) : 2.8

DUTY HEAD : 300 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	4800	4000	3500	2000	1600	1400	1200
HEAD (m)	FLOW IN LPM						
345	39	30	23	0			
300	43	34	28	8	0		
225	48	38	32	11	5	0	
150	53	43	36	14	6	4	0

SOLAR PUMPING SYSTEM



SOLAR 137 DCSSP 6750

BSP 100 mm (6X6)

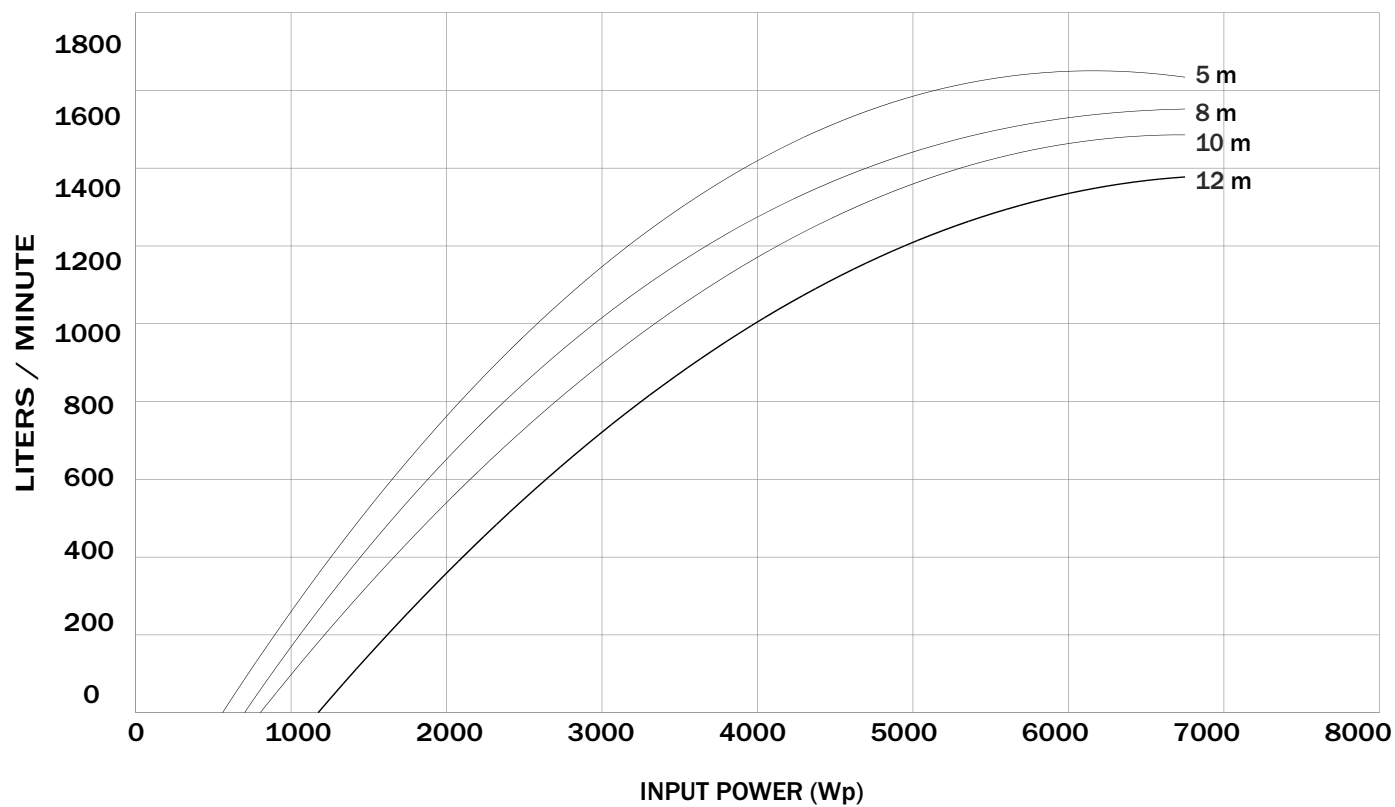
PUMP SET CODE : 9500002110

PUMP CODE : 9000018437

DISCHARGE (LPD) : 822825.0

DISCHARGE (LPW) : 121.9

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	6750	5000	3000	1200	850	750	600
HEAD (m)	FLOW IN LPM						
12	1390	1175	755	0			
10	1490	1350	900	220	0		
8	1550	1450	1000	300	100	0	
5	1630	1600	1120	400	200	100	0

SOLAR PUMPING SYSTEM



SOLAR 71 DCSSP 6750

BSP 75 mm (6X6)

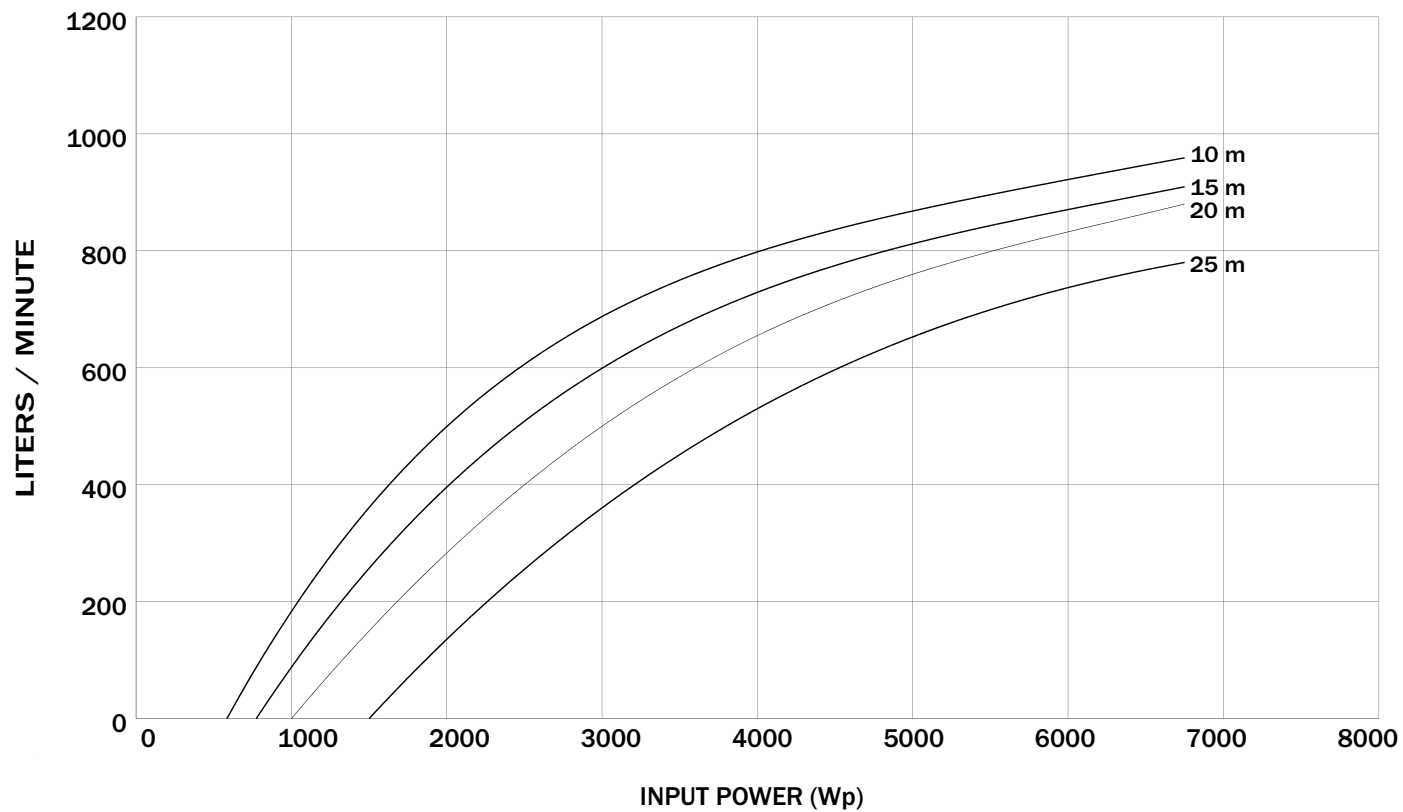
PUMP SET CODE : 9500002086

PUMP CODE : 9000032988

DISCHARGE (LPD) : 432000

DISCHARGE (LPW) : 64

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	6750	6200	4000	1500	1000	800	600
HEAD (m)	FLOW IN LPM						
25	780	750	530	0			
20	880	845	655	150	0		
15	910	880	730	250	105	0	
10	960	930	800	350	200	100	0

SOLAR PUMPING SYSTEM



SOLAR 50 DCSSP 6750

BSP 75 mm (6X6)

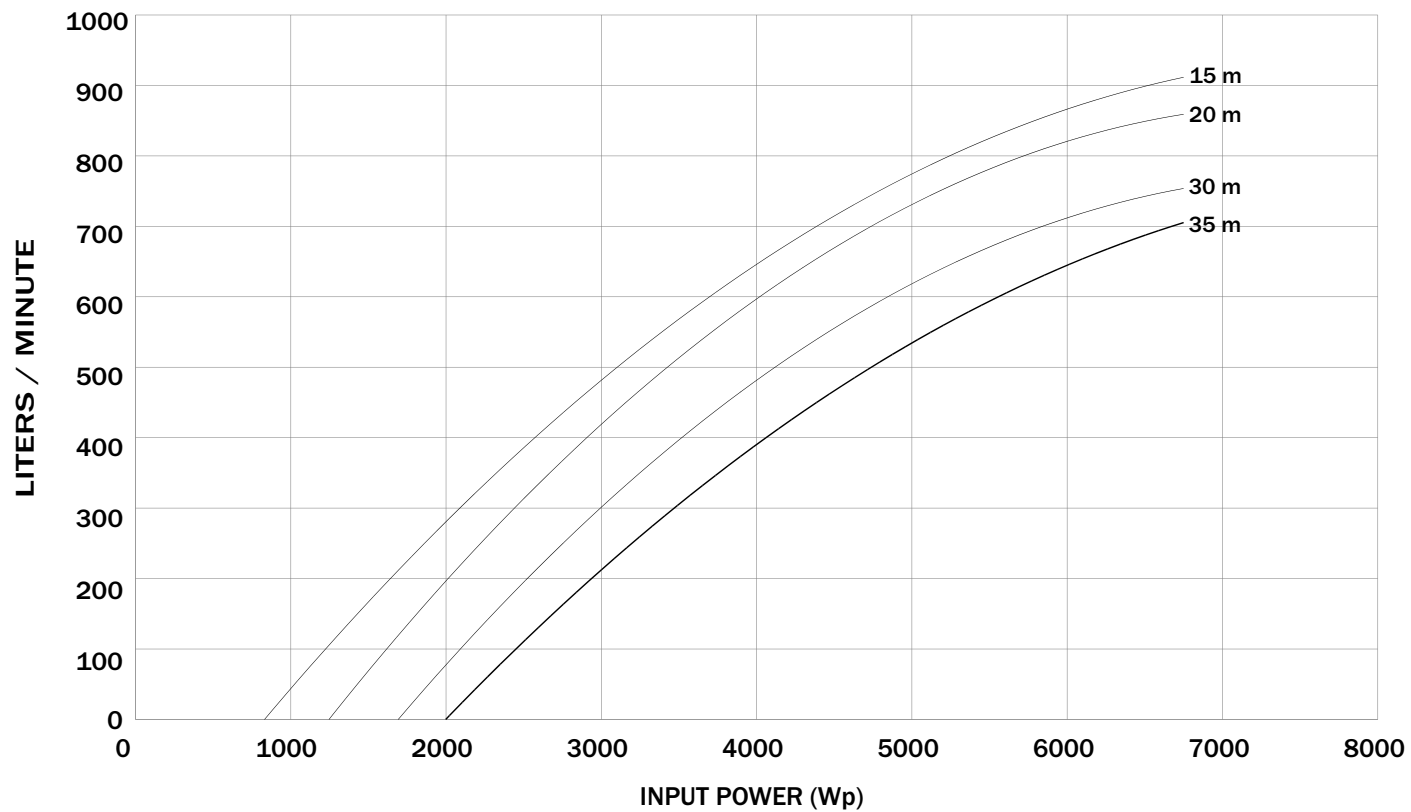
PUMP SET CODE : 9500002087

PUMP CODE : 9000029692

DISCHARGE (LPD) : 299025.0

DISCHARGE (LPW) : 44.3

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	6750	6000	5000	2000	1700	1250	800
HEAD (m)	FLOW IN LPM						
35	710	635	540	0			
30	755	710	619	80	0		
20	860	820	730	200	120	0	
15	910	865	780	280	210	100	0

SOLAR PUMPING SYSTEM



SOLAR 28 DCSSP 6750

BSP 63 mm (6X6)

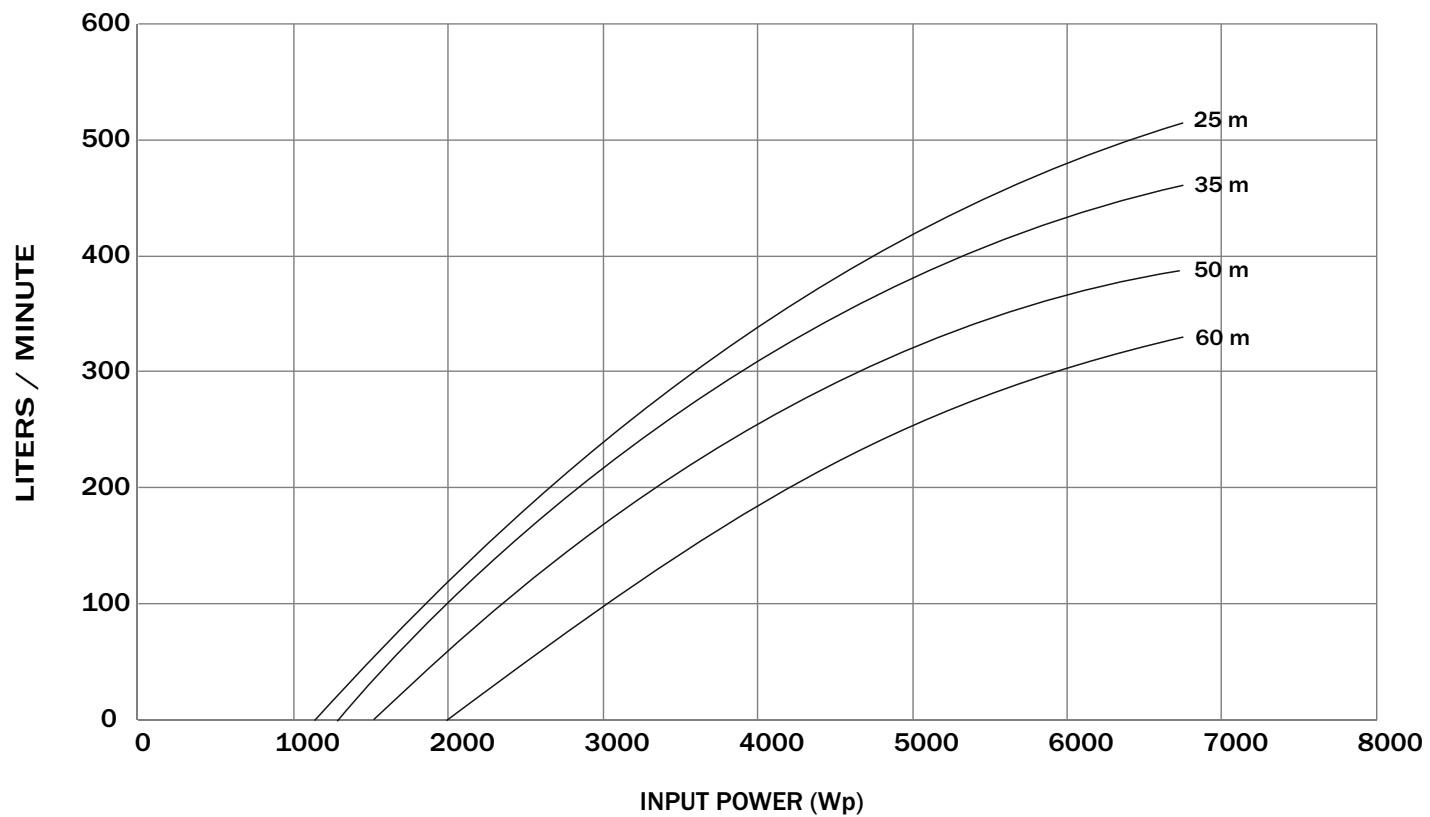
PUMP SET CODE : 9500002066

PUMP CODE : 9000029683

DISCHARGE (LPD) : 162000

DISCHARGE (LPW) : 24

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	6750	6000	5000	2000	1500	1300	1200
HEAD (m)	FLOW IN LPM						
60	330	302	250	0			
50	390	362	322	60	0		
35	461	430	380	100	35	0	
25	520	475	420	125	60	25	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 6750

BSP 50 mm (6X6)

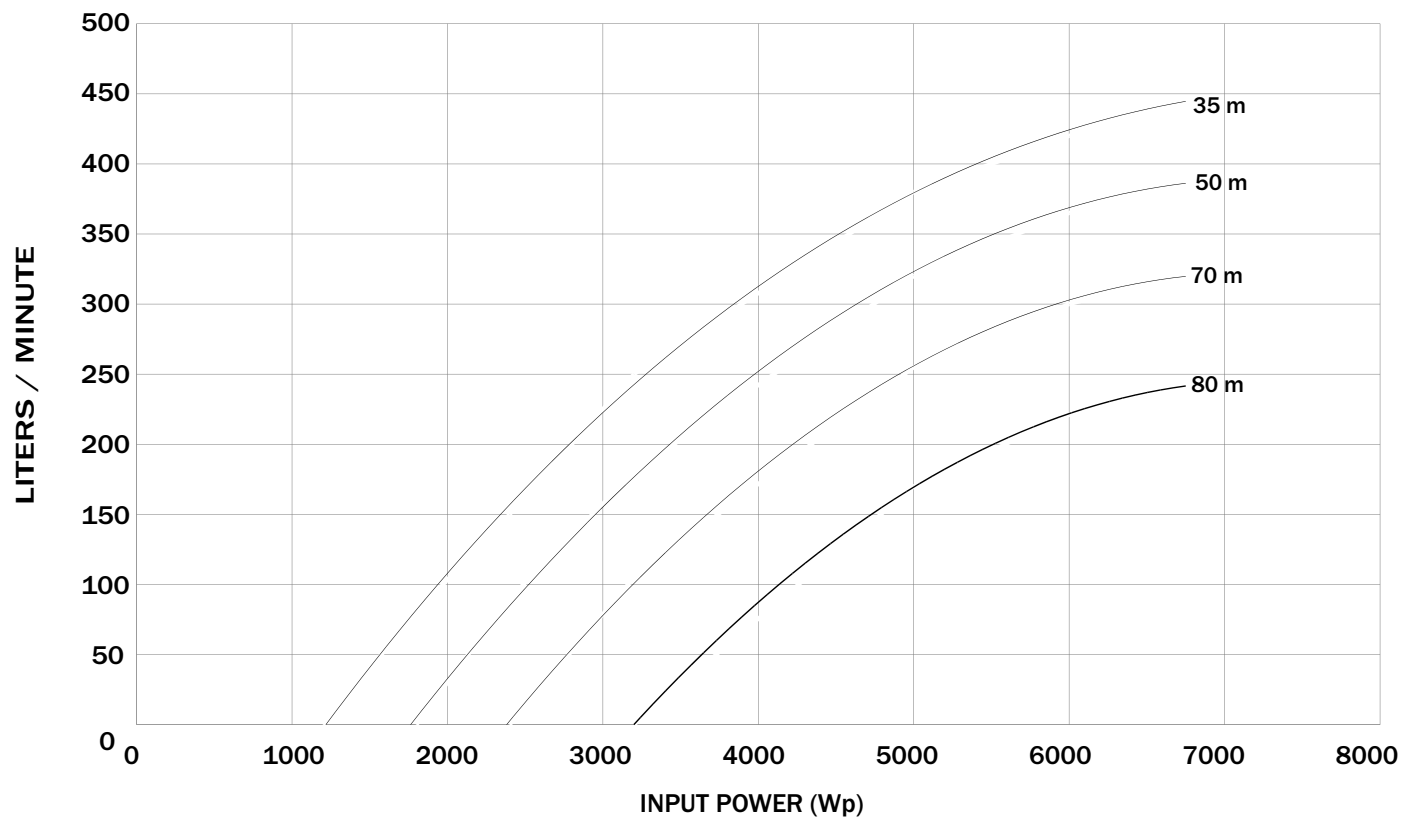
PUMP SET CODE : 9500002067

PUMP CODE : 9000030108

DISCHARGE (LPD) : 114750.0

DISCHARGE (LPW) : 17.0

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	6750	6000	5000	3200	2400	1800	1200
HEAD (m)	FLOW IN LPM						
80	242	221	170	0			
70	322	300	255	105	0		
50	390	365	320	180	90	0	
35	447	420	380	250	150	80	0

SOLAR PUMPING SYSTEM



SOLAR 14 DCSSP 6750

BSP 50 mm (6X4)

PUMP SET CODE : 9500002035

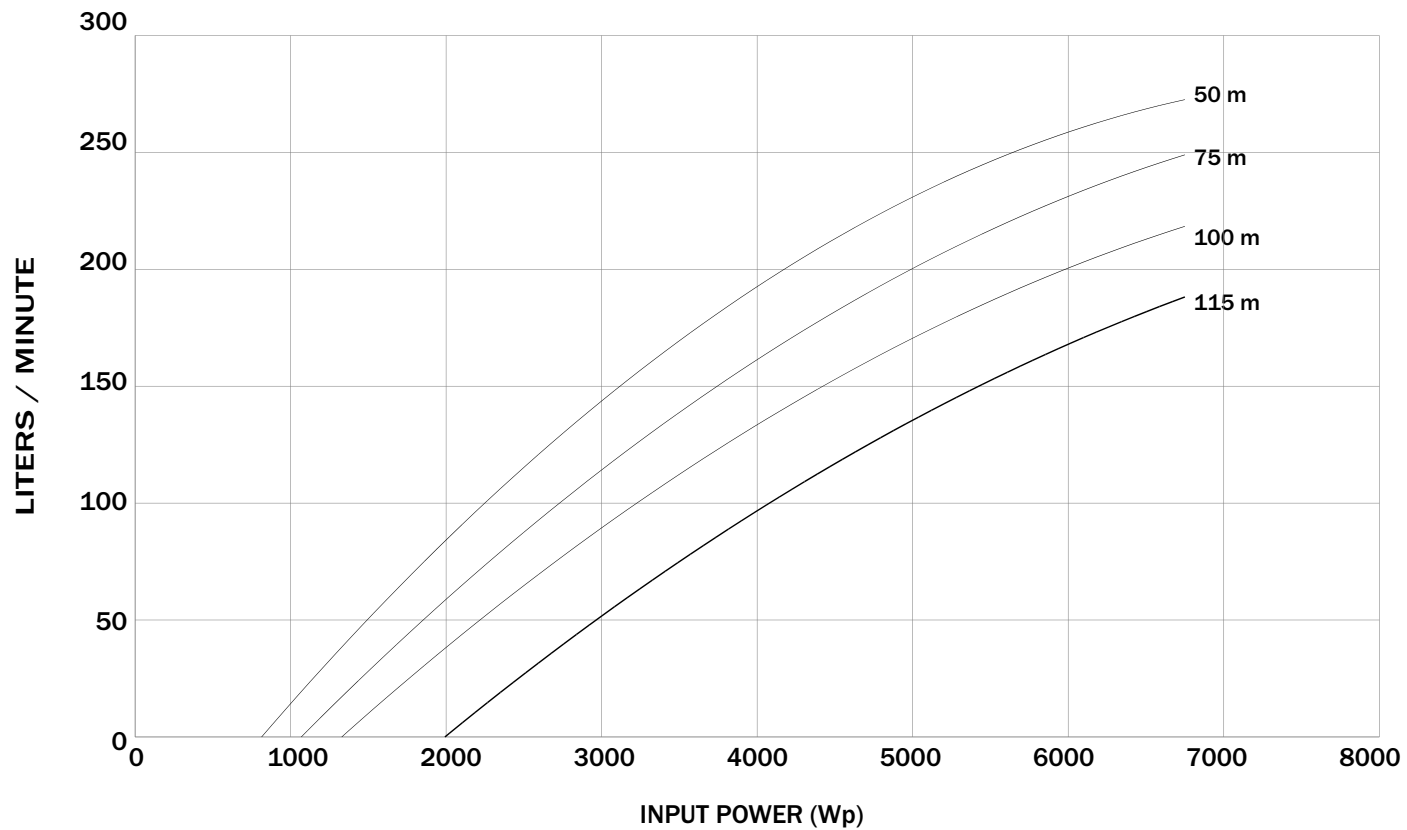
PUMP CODE : 9000029686

DISCHARGE (LPD) : 84375.0

DISCHARGE (LPW) : 12.5

DUTY HEAD : 100 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	6750	6000	5000	2000	1350	1100	800
HEAD (m)	FLOW IN LPM						
115	192	160	140	0			
100	219	200	170	40	0		
75	250	230	200	60	20	0	
50	272	260	230	85	40	20	0

SOLAR PUMPING SYSTEM



SOLAR 11 DCSSP 6750

BSP 50 mm (6X4)

PUMP SET CODE : 9500002396

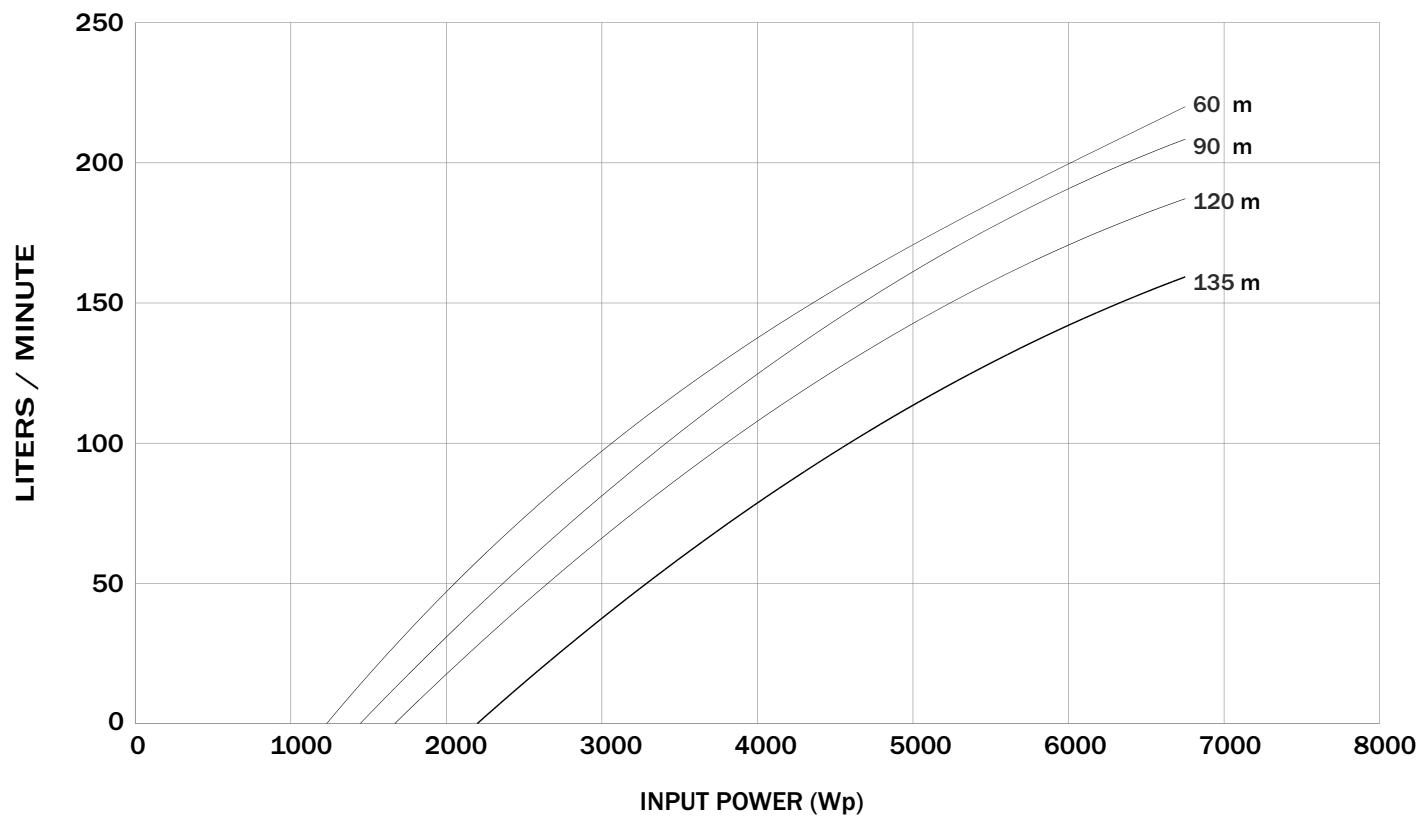
PUMP CODE : 9000026230

DISCHARGE (LPD) : 69525.0

DISCHARGE (LPW) : 10.3

DUTY HEAD : 120 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	6750	6000	5500	2200	1700	1500	1200
HEAD (m)	FLOW IN LPM						
135	160	140	130	0			
120	188	170	157	30	0		
90	210	190	175	45	15	0	
60	220	200	185	60	28	15	0

SOLAR PUMPING SYSTEM



SOLAR 10 DCSSP 6750

BSP 50 mm (6X4)

PUMP SET CODE : 9500002208

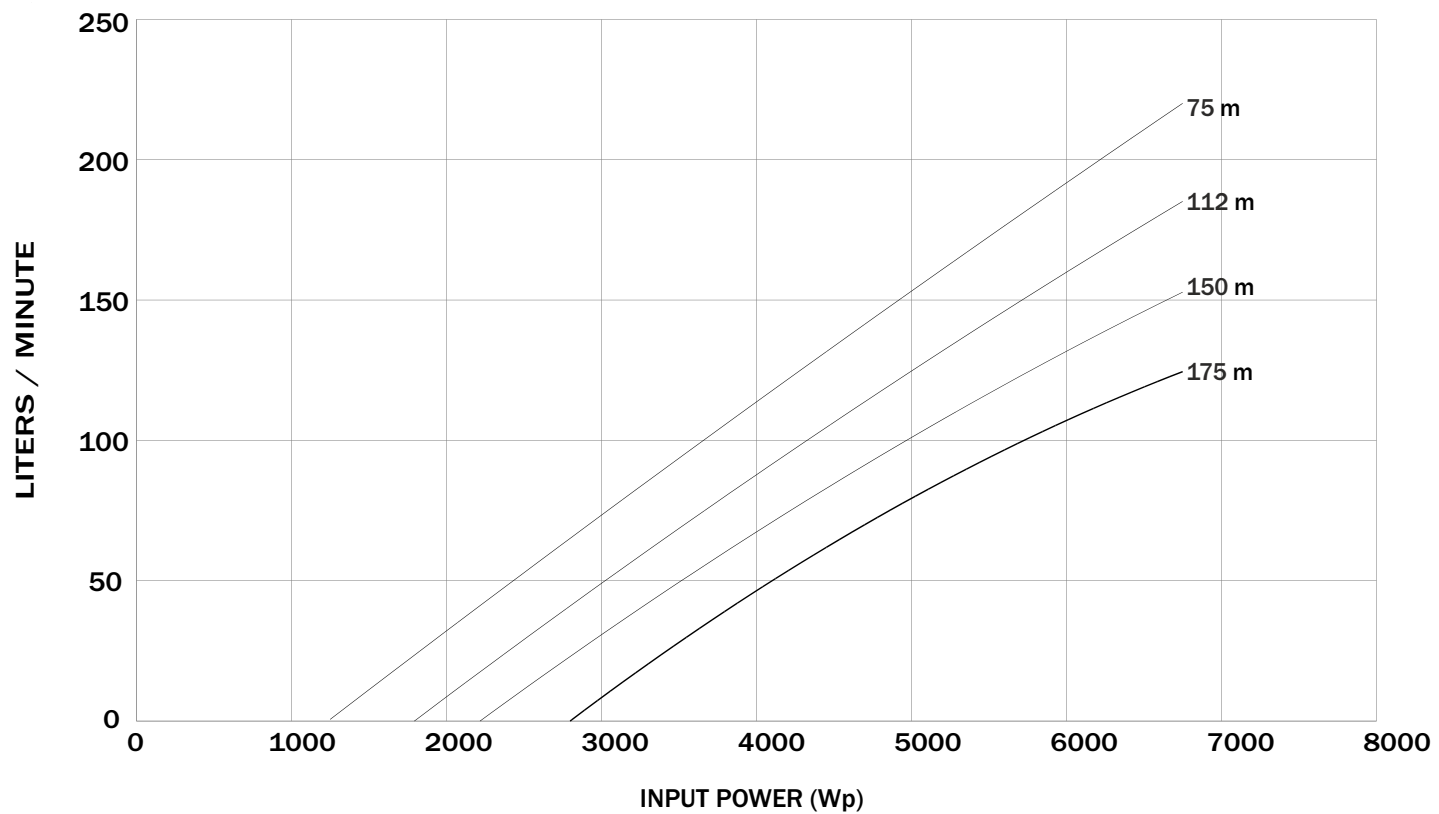
PUMP CODE : 9000023415

DISCHARGE (LPD) : 54000.0

DISCHARGE (LPW) : 8.0

DUTY HEAD : 150 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	6750	6000	5000	2800	2250	1800	1250
HEAD (m)	FLOW IN LPM						
175	125	106	80	0			
150	153	132	100	25	0		
112	185	160	125	40	20	0	
75	220	192	153	65	42	25	0

SOLAR PUMPING SYSTEM



SOLAR 5 DCSSP 6750

BSP 40 mm (6X4)

PUMP SET CODE : 9500002207

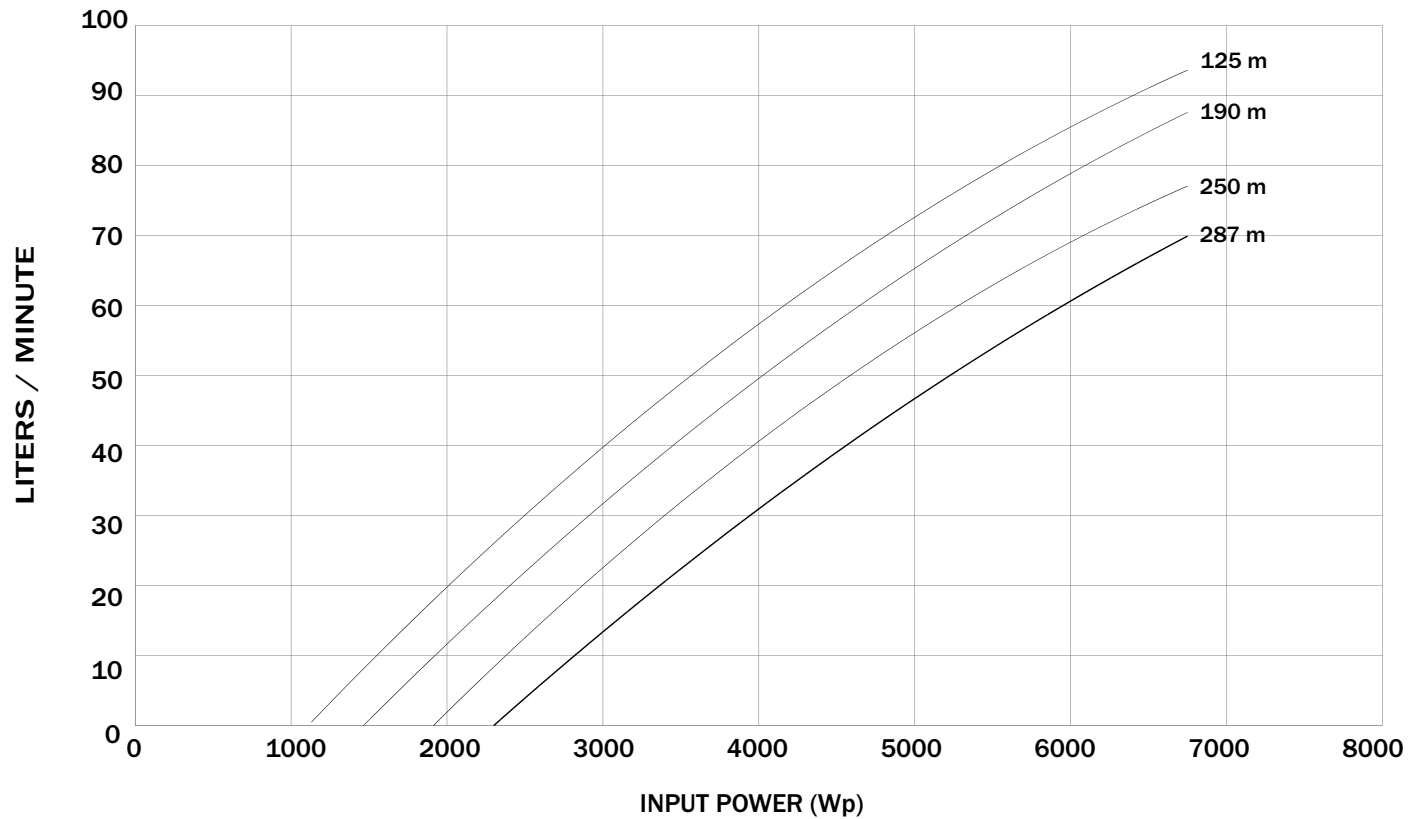
PUMP CODE : 9000030930

DISCHARGE (LPD) : 29025.0

DISCHARGE (LPW) : 4.3

DUTY HEAD : 250 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	6750	6200	5500	2300	1975	1500	1200
HEAD (m)	FLOW IN LPM						
287	70	63	54	0			
250	77	72	62	10	0		
190	88	81	72	18	12	0	
125	95	87	78	27	20	10	0

SOLAR PUMPING SYSTEM



SOLAR 188 DCSSP 9000

BSP 100 mm (6X8)

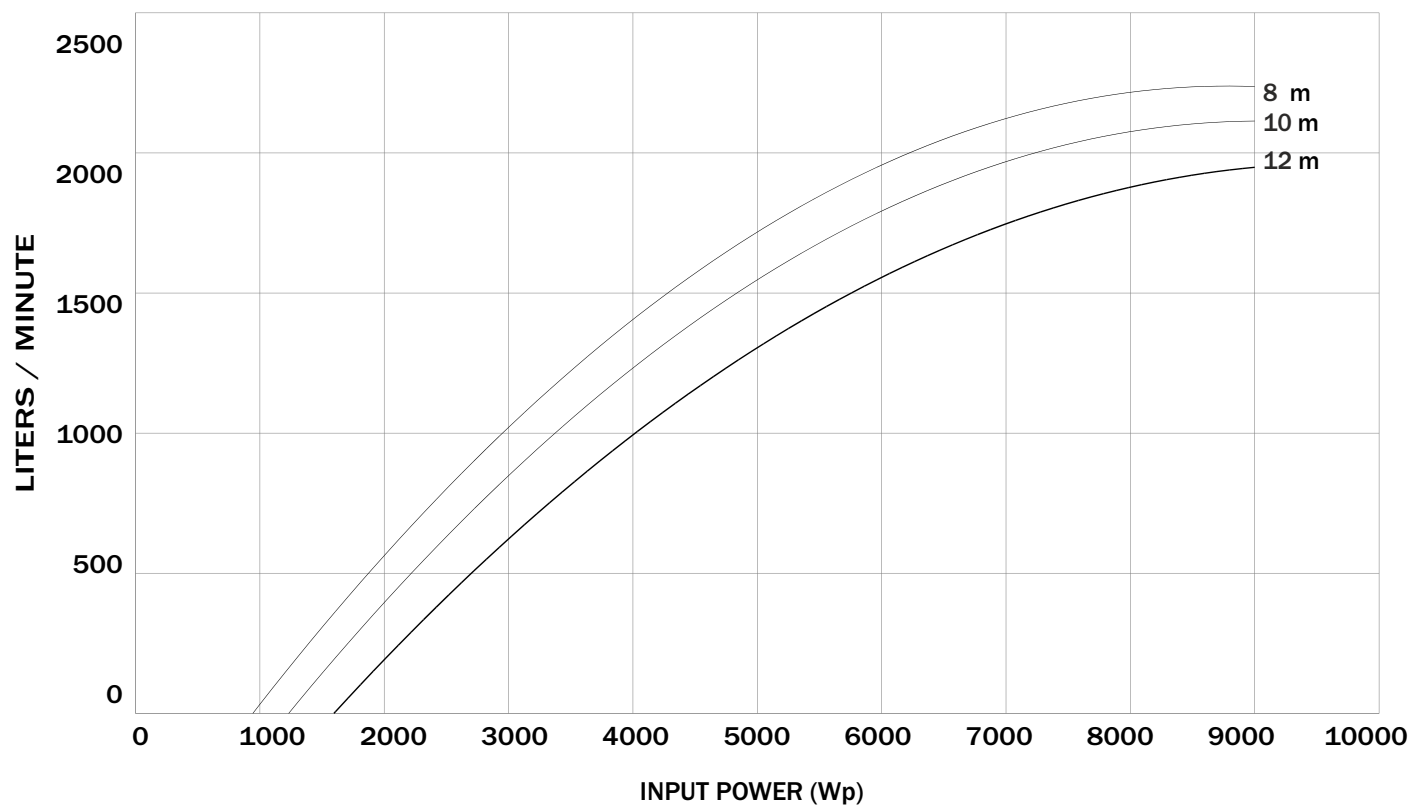
PUMP SET CODE : 9500002111

PUMP CODE : 9000018677

DISCHARGE (LPD) : 1132200.0

DISCHARGE (LPW) : 125.8

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	9000	6000	4000	1600	1300	1000	
HEAD (m)	FLOW IN LPM						
12	1950	1550	1000	0			
10	2120	1770	1250	230	0		
8	2240	1950	1400	400	200	0	

SOLAR PUMPING SYSTEM



SOLAR 103 DCSSP 9000

BSP 100 mm (6X6)

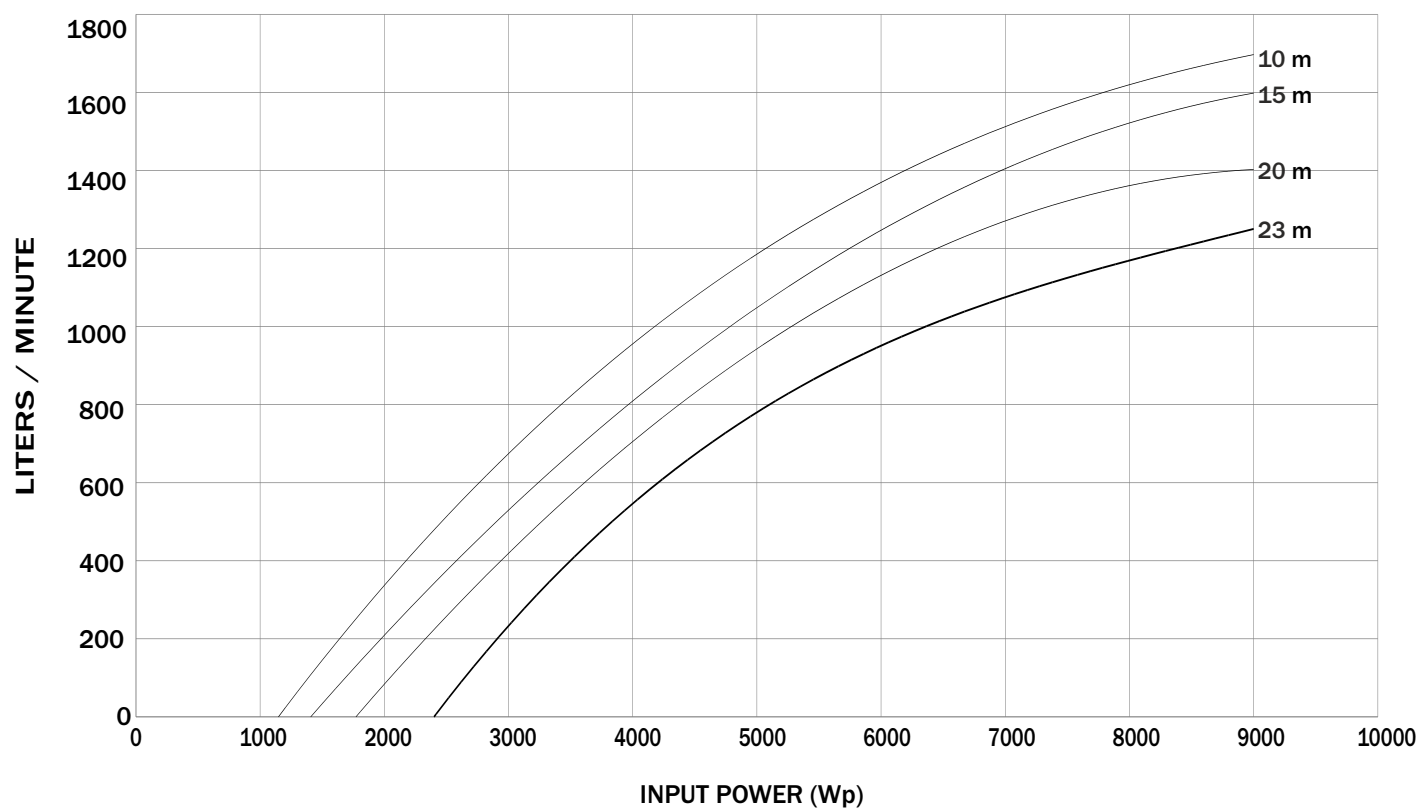
PUMP SET CODE : 9500002112

PUMP CODE : 9000028881

DISCHARGE (LPD) : 621000.0

DISCHARGE (LPW) : 69.0

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	9000	7000	5000	2400	1800	1400	1100
HEAD (m)	FLOW IN LPM						
23	1250	1075	780	0			
20	1400	1280	930	240	0		
15	1600	1400	1050	350	130	0	
10	1700	1500	1200	480	250	90	0

SOLAR PUMPING SYSTEM



SOLAR 64 DCSSP 9000

BSP 100 mm (6X6)

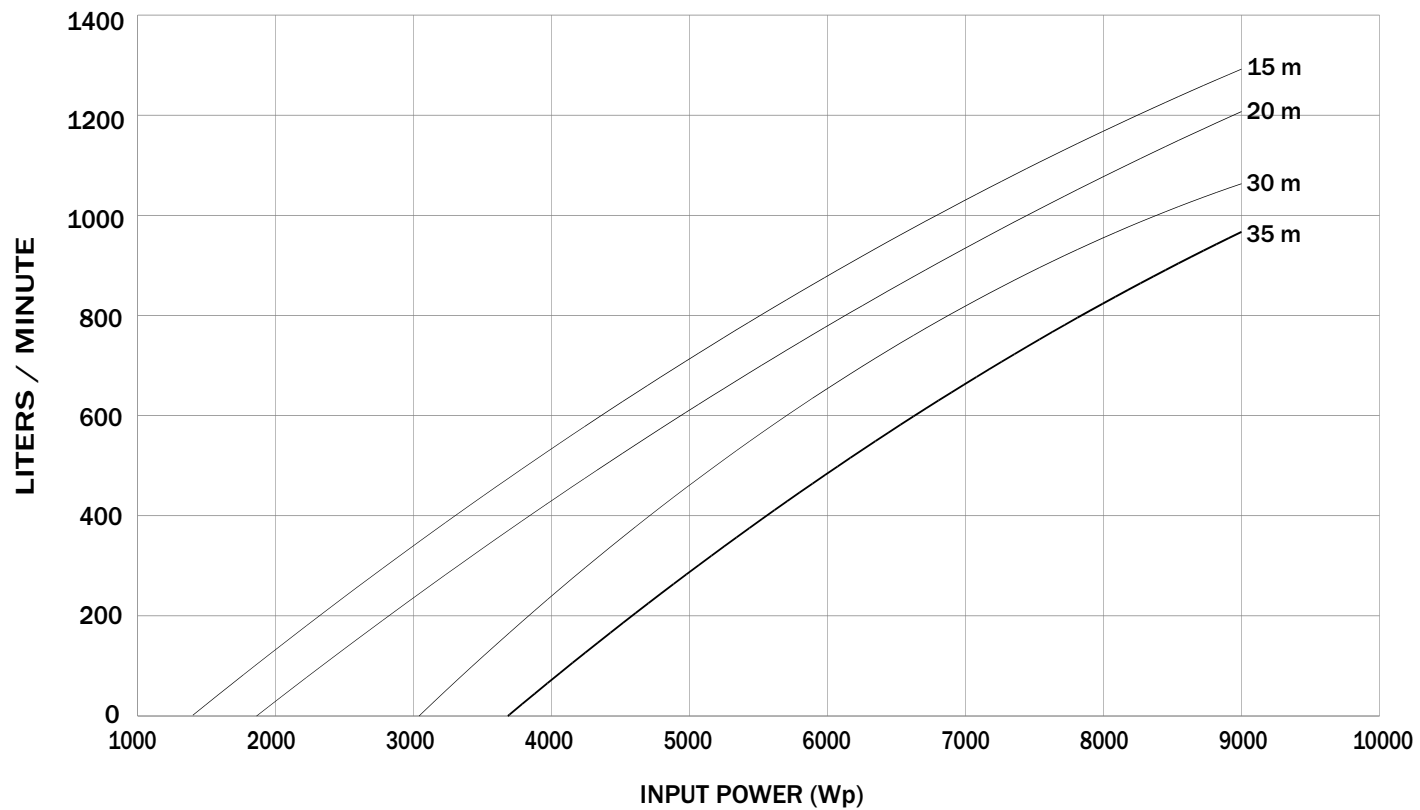
PUMP SET CODE : 9500002088

PUMP CODE : 9000032931

DISCHARGE (LPD) : 369000

DISCHARGE (LPW) : 41

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	9000	8000	6000	3700	3000	1800	1500
HEAD (m)	FLOW IN LPM						
35	980	800	500	0			
30	1070	940	670	150	0		
20	1200	1080	800	350	230	0	
15	1300	1150	900	450	350	120	0

SOLAR PUMPING SYSTEM



SOLAR 41 DCSSP 9000

BSP 75 mm (6X6)

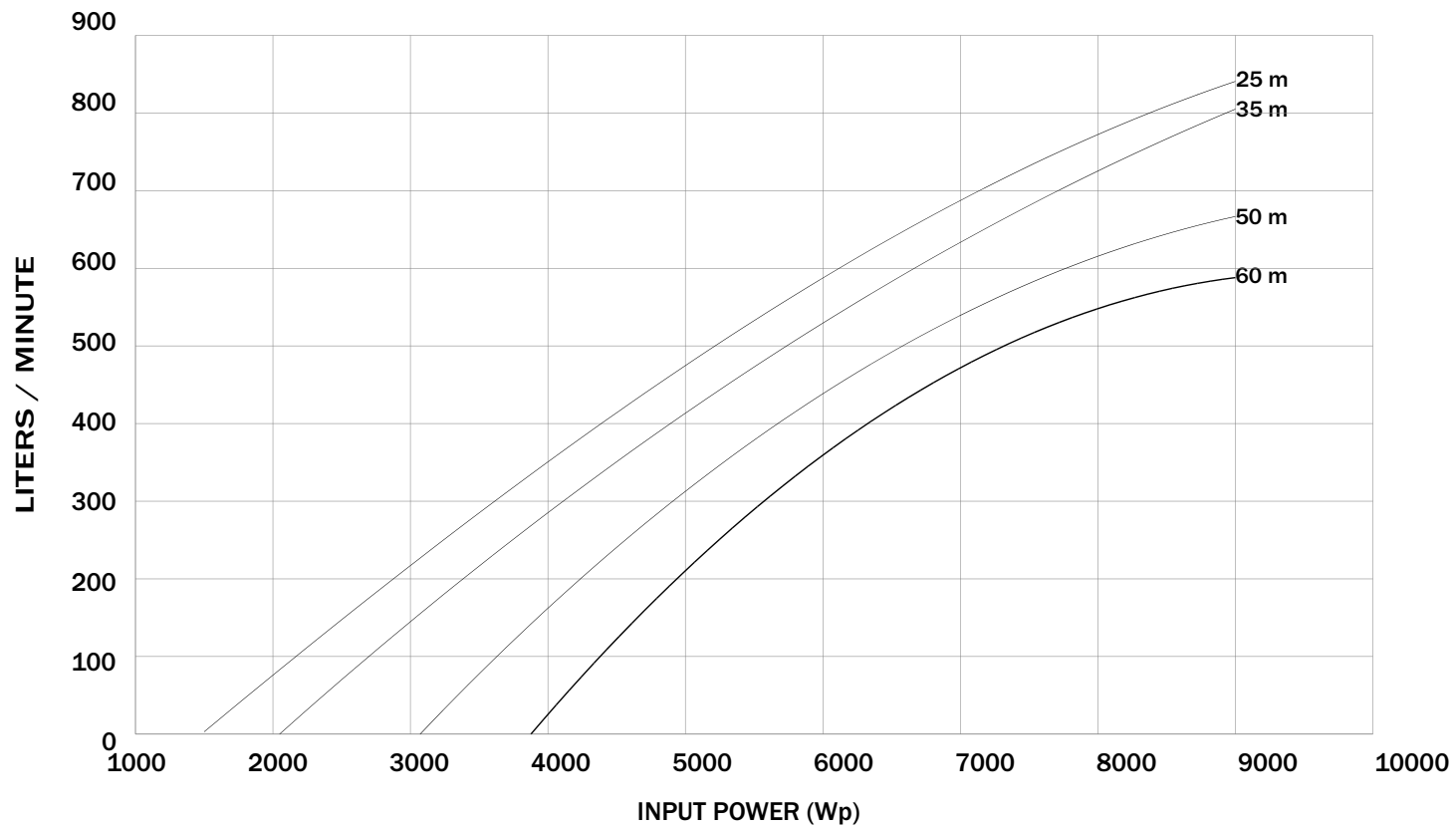
PUMP SET CODE : 9500002068

PUMP CODE : 9000032632

DISCHARGE (LPD) : 243000.0

DISCHARGE (LPW) : 27.0

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	9000	7000	5000	3900	3100	2000	1500
HEAD (m)	FLOW IN LPM						
60	590	465	220	0			
50	670	530	320	150	0		
35	800	645	410	270	150	0	
25	840	690	470	340	230	80	0

SOLAR PUMPING SYSTEM



SOLAR 27 DCSSP 9000

BSP 63 mm (6X6)

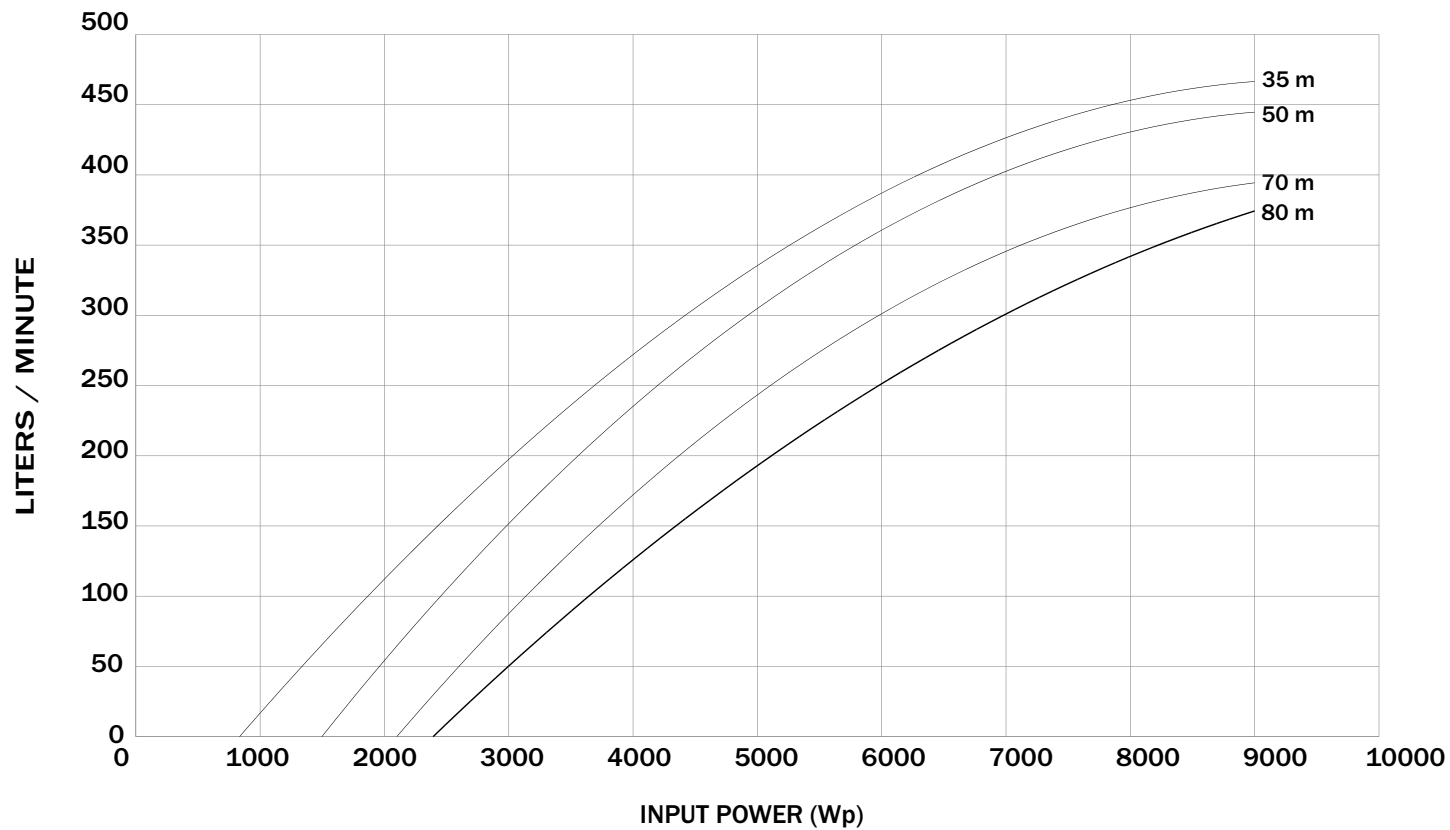
PUMP SET CODE : 9500002069

PUMP CODE : 9000032932

DISCHARGE (LPD) : 162000

DISCHARGE (LPW) : 18

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	9000	8100	5400	2400	2100	1500	800
HEAD (m)	FLOW IN LPM						
80	378	340	220	0			
70	397	375	270	30	0		
50	448	428	330	100	60	0	
35	469	451	360	150	120	60	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 9000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002037

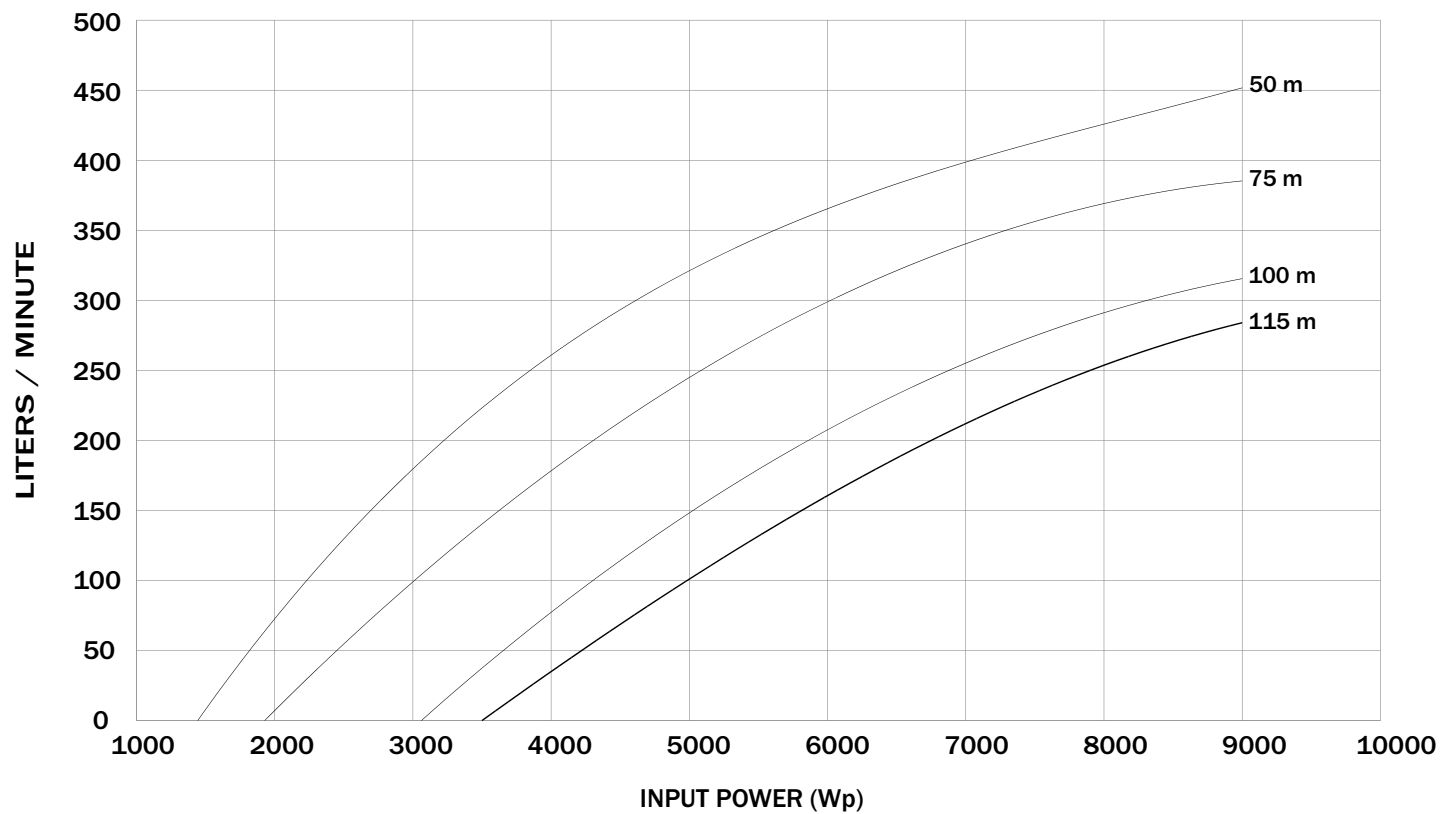
PUMP CODE : 9000030109

DISCHARGE (LPD) : 110700.0

DISCHARGE (LPW) : 12.3

DUTY HEAD : 100 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	9000	7000	5000	3500	3000	2000	1400
HEAD (m)	FLOW IN LPM						
115	284	212	101	0			
100	315	256	150	30	0		
75	390	330	245	152	100	0	
50	452	398	321	220	190	60	0

SOLAR PUMPING SYSTEM



SOLAR 16 DCSSP 9000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002226

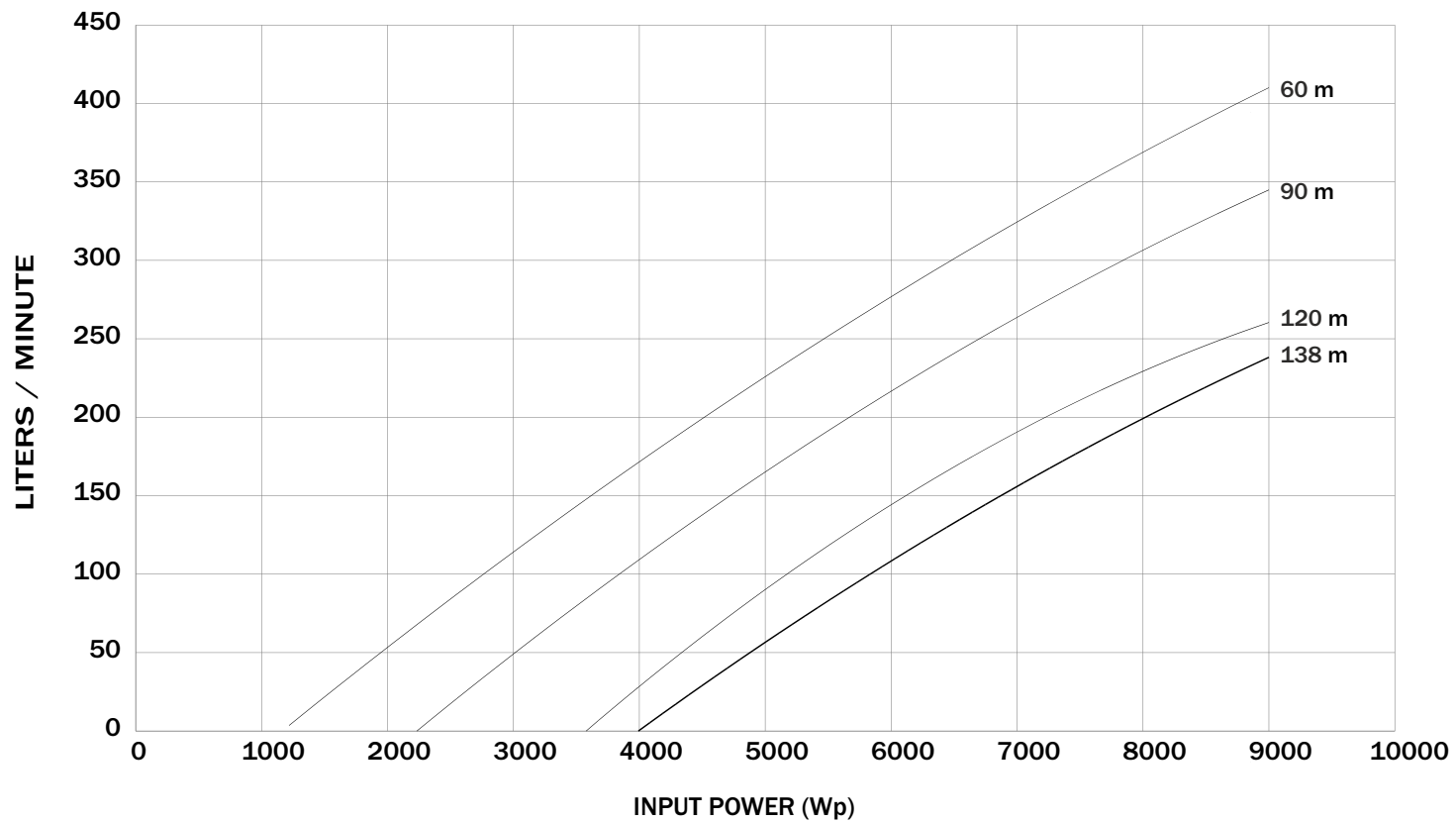
PUMP CODE : 9000023560

DISCHARGE (LPD) : 84600.0

DISCHARGE (LPW) : 9.4

DUTY HEAD : 120 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	9000	8100	6300	4000	3600	2224	1218
HEAD (m)	FLOW IN LPM						
138	240	200	125	0			
120	262	230	160	30	0		
90	345	310	232	110	84	0	
60	415	368	288	175	150	70	0

SOLAR PUMPING SYSTEM



SOLAR 12 DCSSP 9000

BSP 50mm (6X4)

PUMP SET CODE : 9500000605

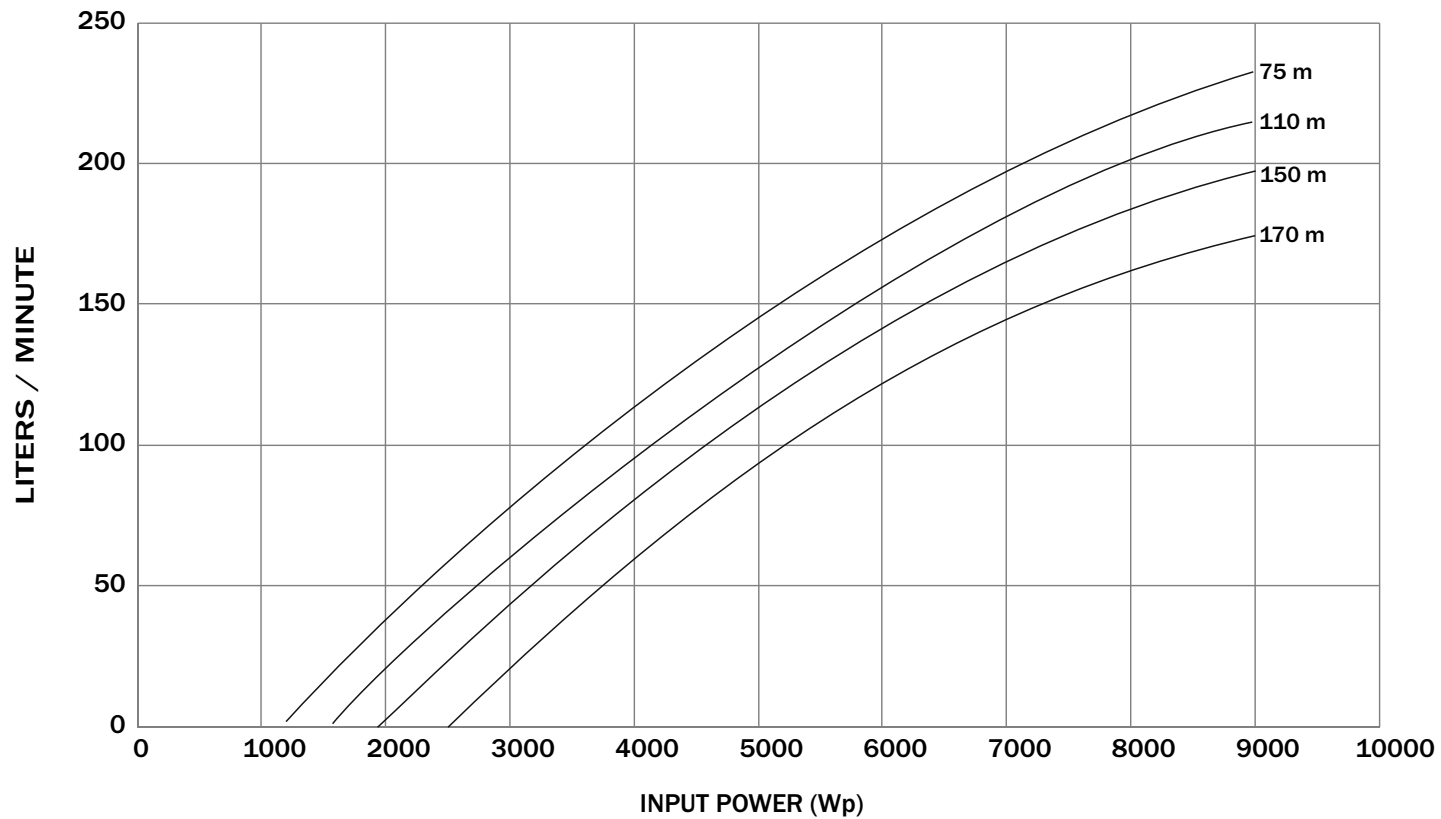
PUMP CODE : 9000032060

DISCHARGE (LPD) : 81000

DISCHARGE (LPW) : 9.0

DUTY HEAD : 150 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	9000	8000	7000	2500	1970	1600	1200
HEAD (m)	FLOW IN LPM						
170	175	160	145	0			
150	197	185	165	25	0		
110	216	200	180	42	20	0	
75	232	218	194	58	35	20	0

SOLAR PUMPING SYSTEM



SOLAR 9 DCSSP 9000

BSP 50 mm (6X4)

PUMP SET CODE : 9500002276

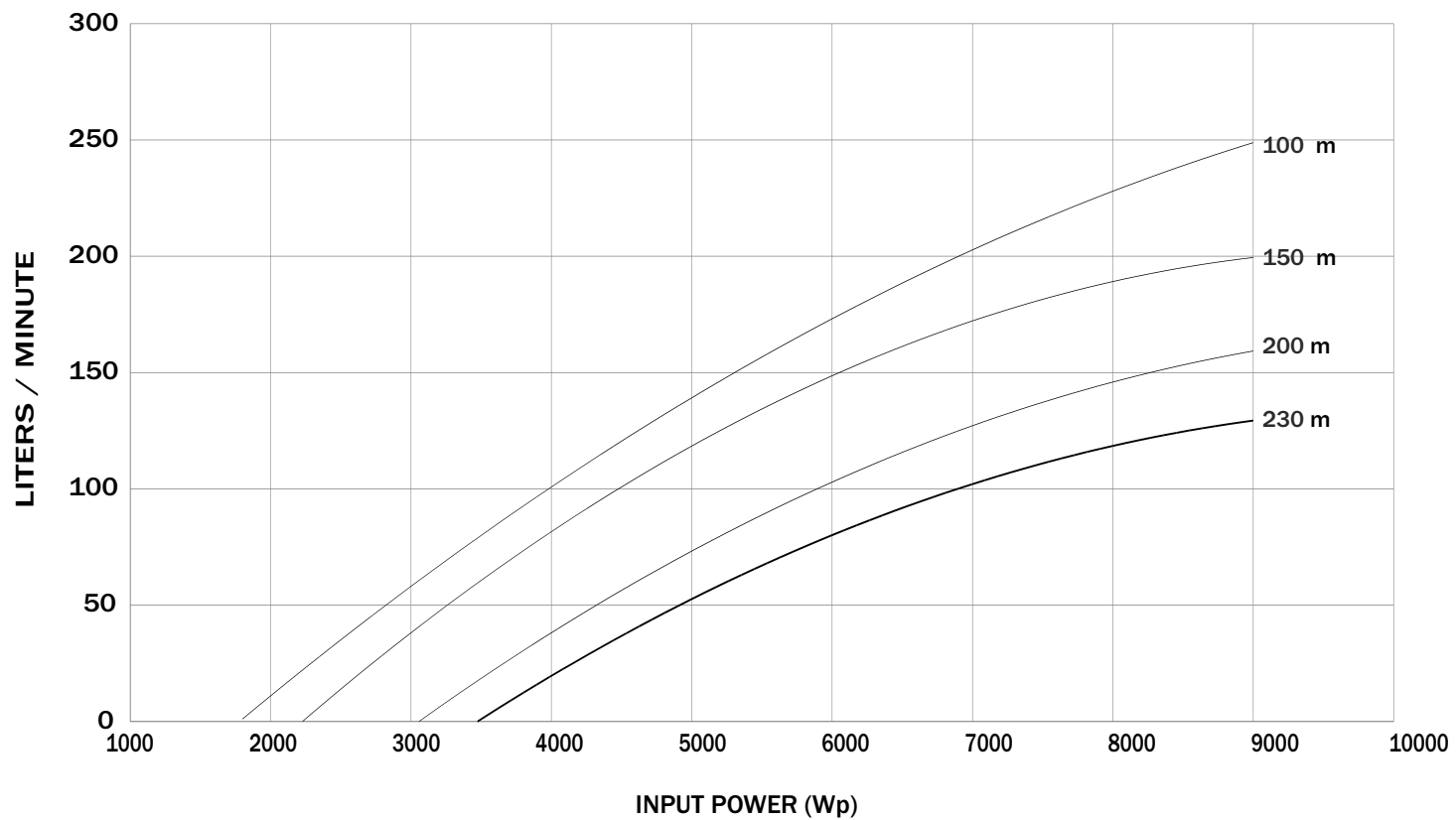
PUMP CODE : 9000025654

DISCHARGE (LPD) : 49500.0

DISCHARGE (LPW) : 5.5

DUTY HEAD : 200 METER

CHOK CODE : 9600000025



	INPUT POWER (Wp)						
	9000	7000	5000	3500	3100	2200	1800
HEAD (m)	FLOW IN LPM						
230	130	100	55	0			
200	160	125	75	20	0		
150	200	170	122	60	40	0	
100	250	200	140	80	65	20	0

SOLAR PUMPING SYSTEM



SOLAR 48 DCSSP 11250

BSP 75 mm (6X6)

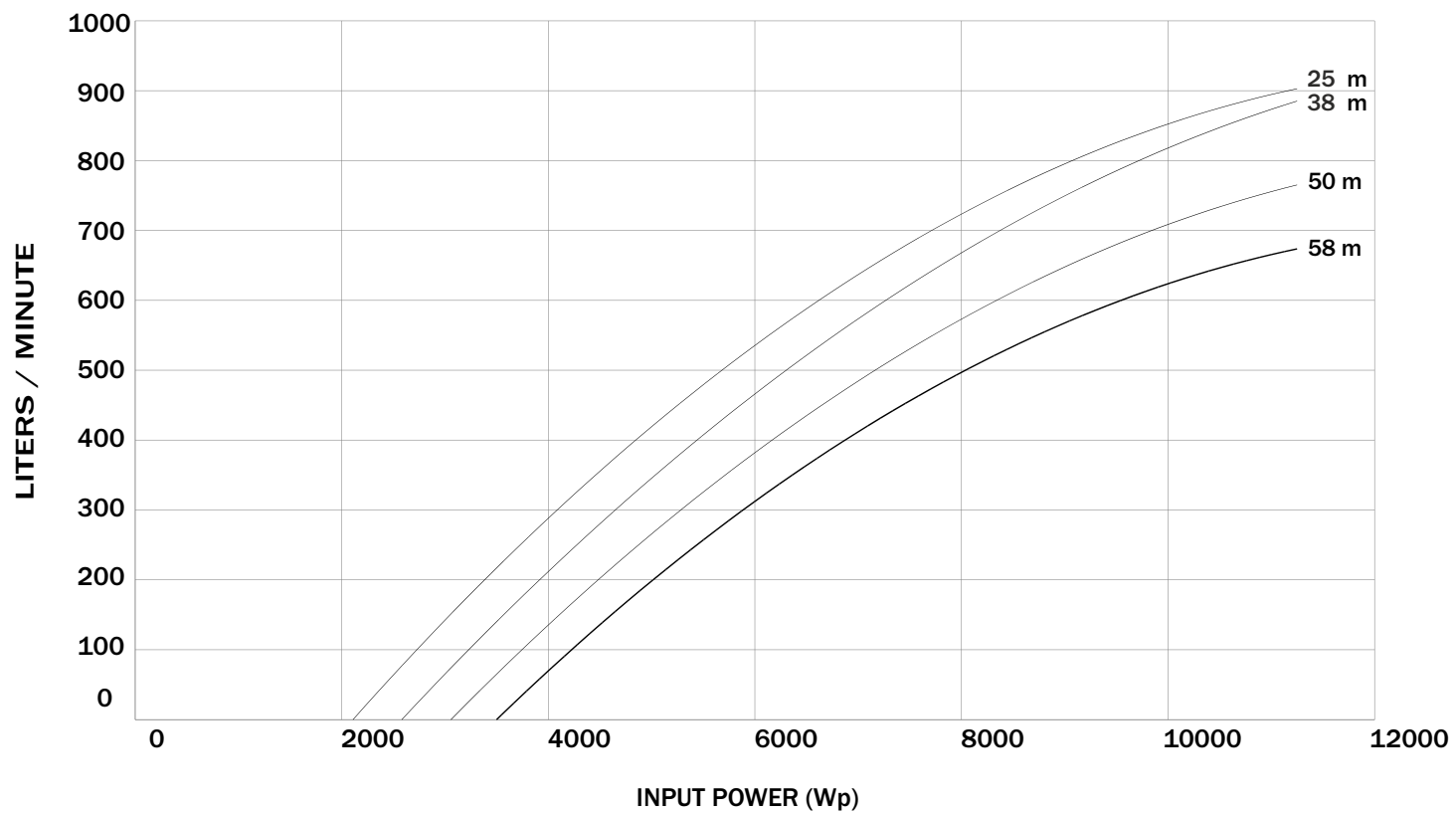
PUMP SET CODE : 9500002701

PUMP CODE : 9000032937

DISCHARGE (LPD) : 303750

DISCHARGE (LPW) : 27

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	11250	10000	9000	3500	3000	2600	2200
HEAD (m)	FLOW IN LPM						
58	675	620	570	0			
50	765	705	653	55	0		
38	890	810	751	150	60	0	
25	910	850	785	230	150	80	0

SOLAR PUMPING SYSTEM



SOLAR 34 DCSSP 11250

BSP 63 mm (6X6)

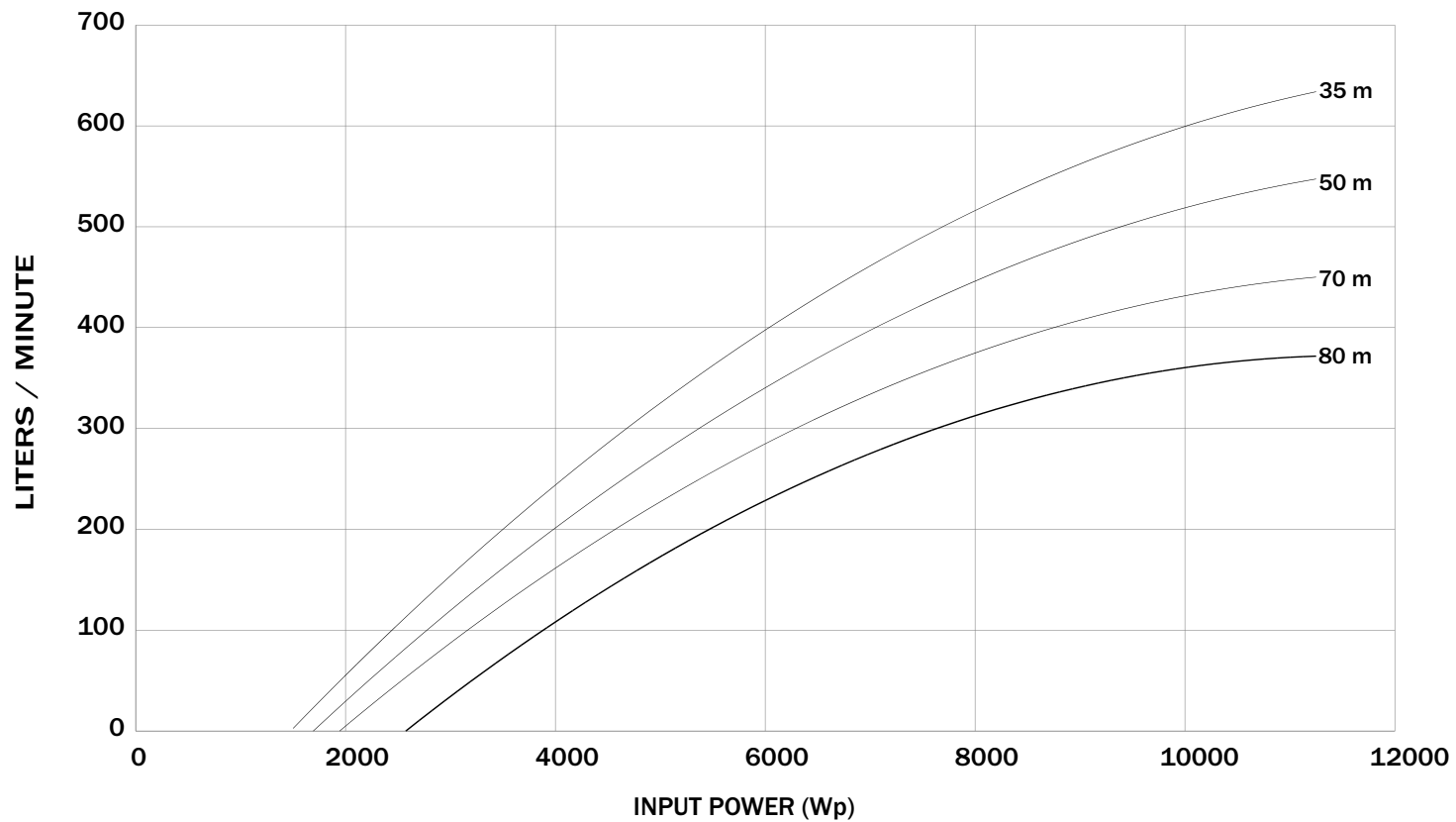
PUMP SET CODE : 9500002250

PUMP CODE : 9000033021

DISCHARGE (LPD) : 210375.0

DISCHARGE (LPW) : 18.7

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	11250	8000	6000	2600	2000	1800	1600
HEAD (m)	FLOW IN LPM						
80	374	303	238	0			
70	452	368	290	60	0		
50	551	434	348	95	30	0	
35	638	503	405	125	60	35	0

SOLAR PUMPING SYSTEM



SOLAR 24 DCSSP 11250

BSP 63 mm (6X6)

PUMP SET CODE : 9500002238

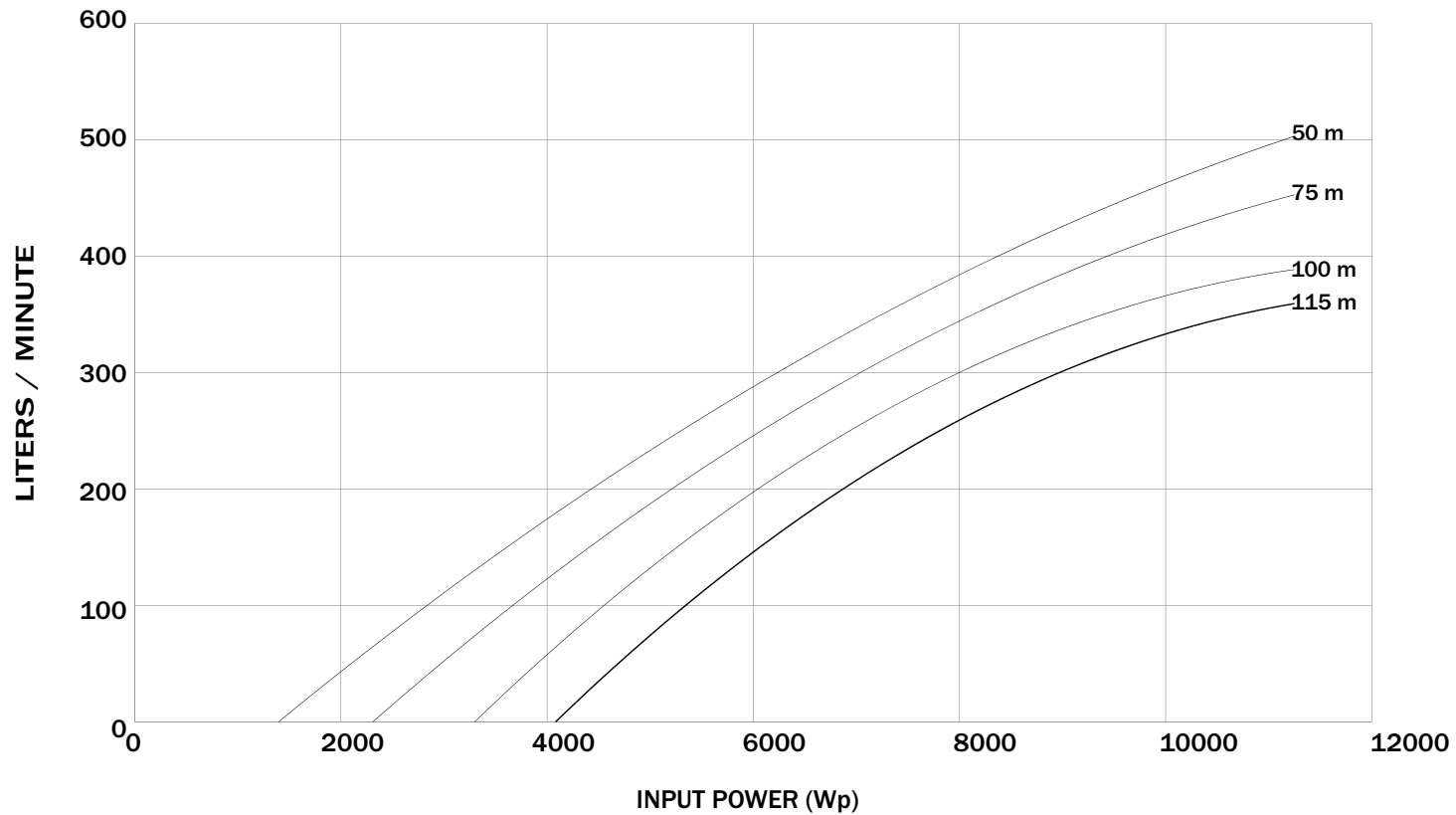
PUMP CODE : 9000032989

DISCHARGE (LPD) : 145125.0

DISCHARGE (LPW) : 12.9

DUTY HEAD : 100 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	11250	8000	6000	4100	3300	2250	1350
HEAD (m)	FLOW IN LPM						
115	360	256	150	0			
100	389	298	200	65	0		
75	452	345	250	125	70	0	
50	502	386	290	180	125	60	0

SOLAR PUMPING SYSTEM



SOLAR 20 DCSSP 11250

BSP 50 mm (6X6)

PUMP SET CODE : 9500002251

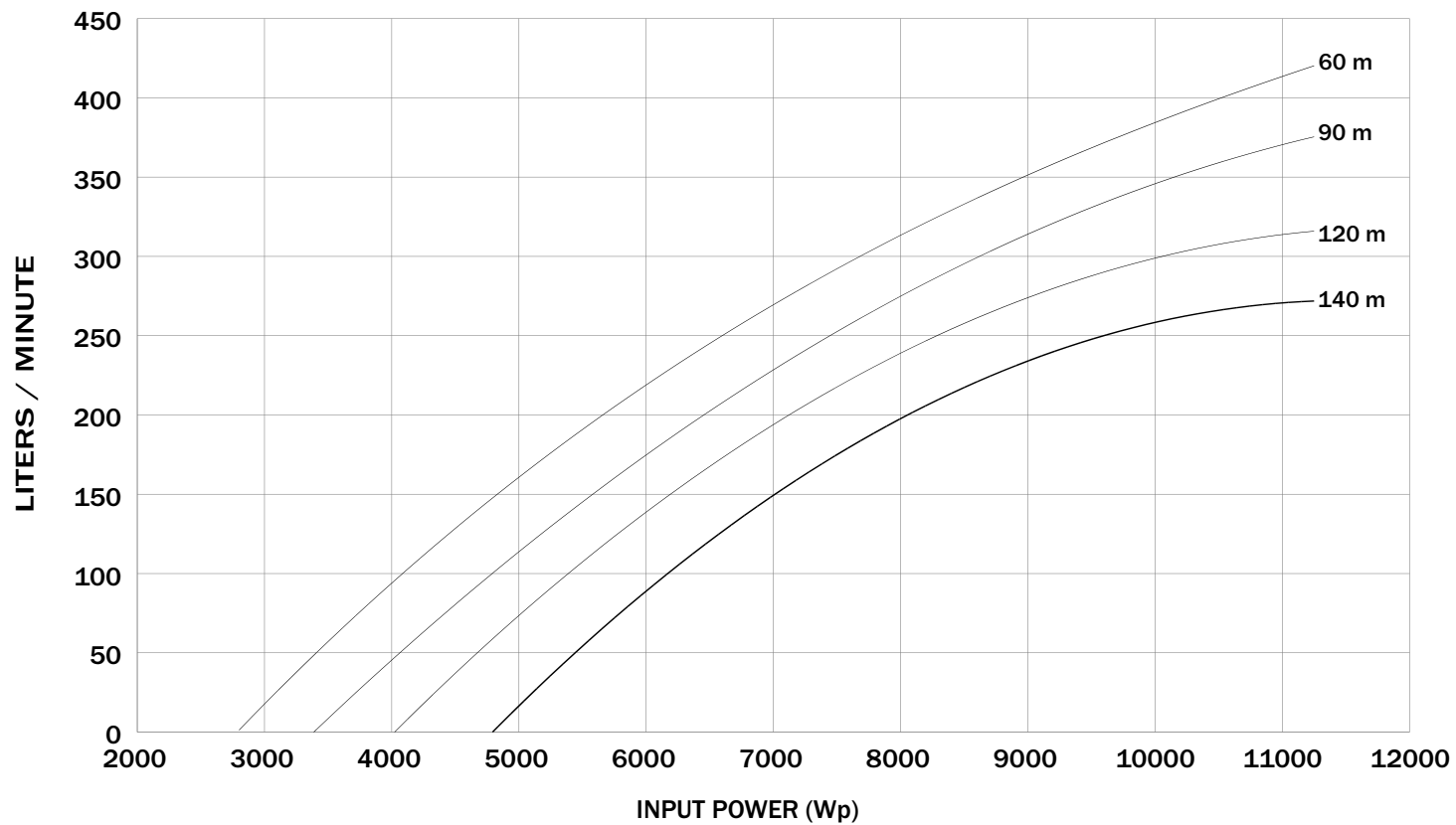
PUMP CODE : 9000031065

DISCHARGE (LPD) : 112500

DISCHARGE (LPW) : 10

DUTY HEAD : 120 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	11250	8000	6000	4800	4000	3400	2800
HEAD (m)	FLOW IN LPM						
140	272	197	90	0			
120	316	238	142	55	0		
90	375	277	172	100	48	0	
60	420	315	215	150	95	50	0

SOLAR PUMPING SYSTEM



SOLAR 16 DCSSP 11250

BSP 50 mm (6X4)

PUMP SET CODE : 9500002239

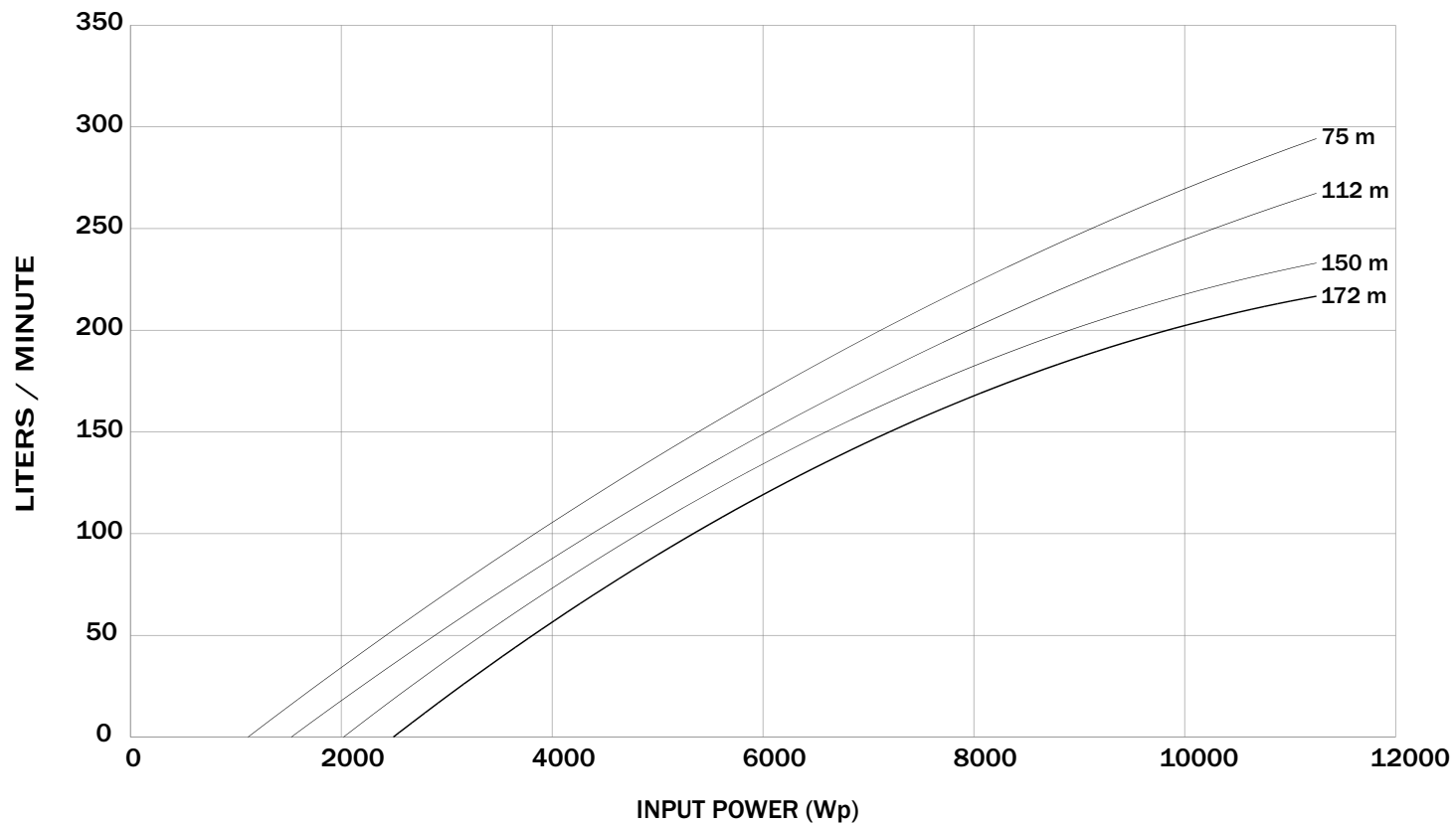
PUMP CODE : 9000029700

DISCHARGE (LPD) : 97875

DISCHARGE (LPW) : 8.7

DUTY HEAD : 150 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	11250	10000	8000	2500	2050	1500	1200
HEAD (m)	FLOW IN LPM						
172	219	198	170	0			
150	234	216	183	20	0		
112	269	242	202	40	15	0	
75	298	264	224	55	38	15	0

SOLAR PUMPING SYSTEM



SOLAR 12 DCSSP 11250

BSP 50 mm (6X4)

PUMP SET CODE : 9500002699

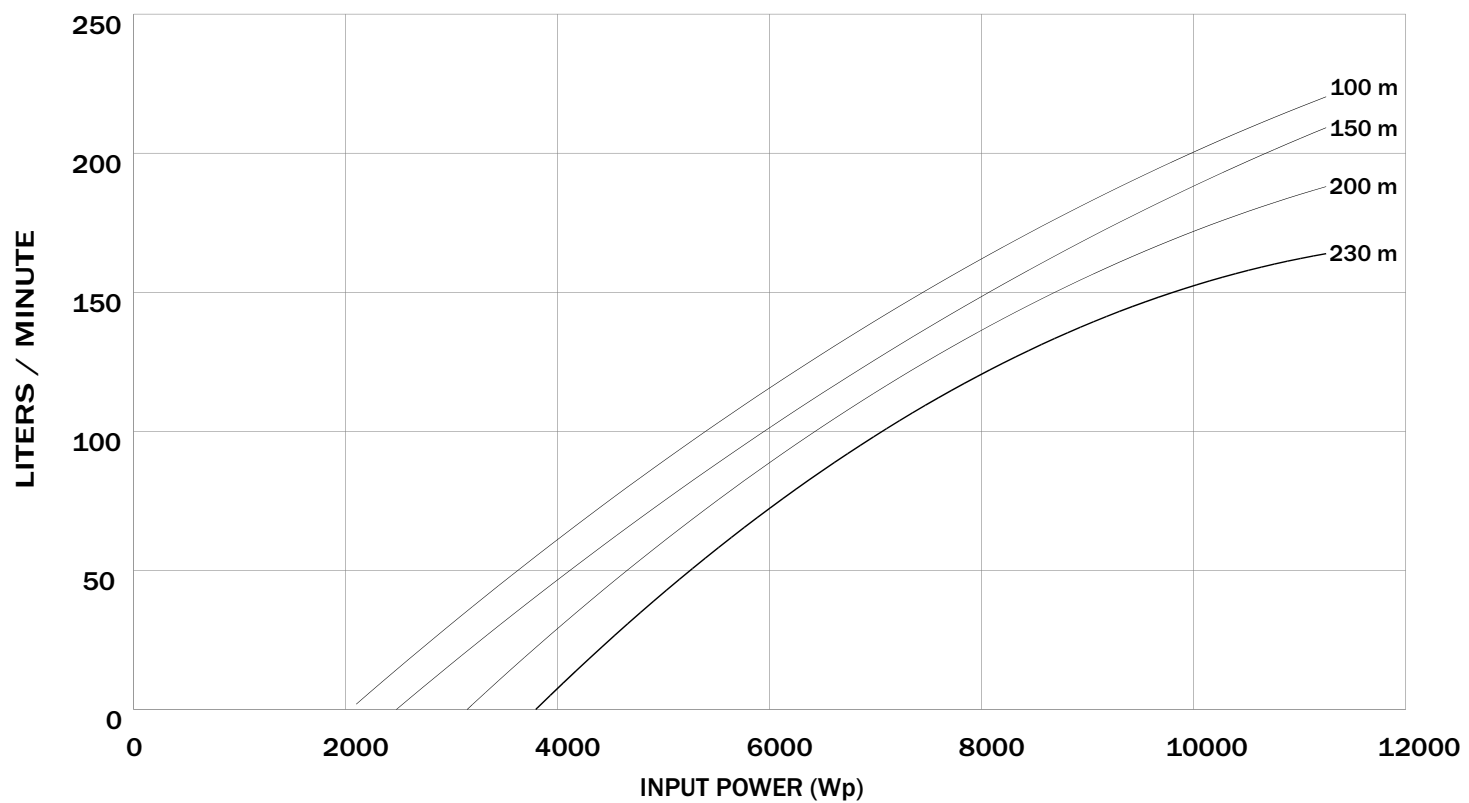
PUMP CODE : 9000033073

DISCHARGE (LPD) : 67500

DISCHARGE (LPW) : 6

DUTY HEAD : 200 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	11250	8000	6000	3800	3100	2500	2100
HEAD (m)	FLOW IN LPM						
230	164	120	73	0			
200	188	136	90	20	0		
150	210	145	105	40	20	0	
100	221	160	116	57	35	15	0

SOLAR PUMPING SYSTEM



SOLAR 139 DCSSP 13500

BSP 100 mm (6X8)

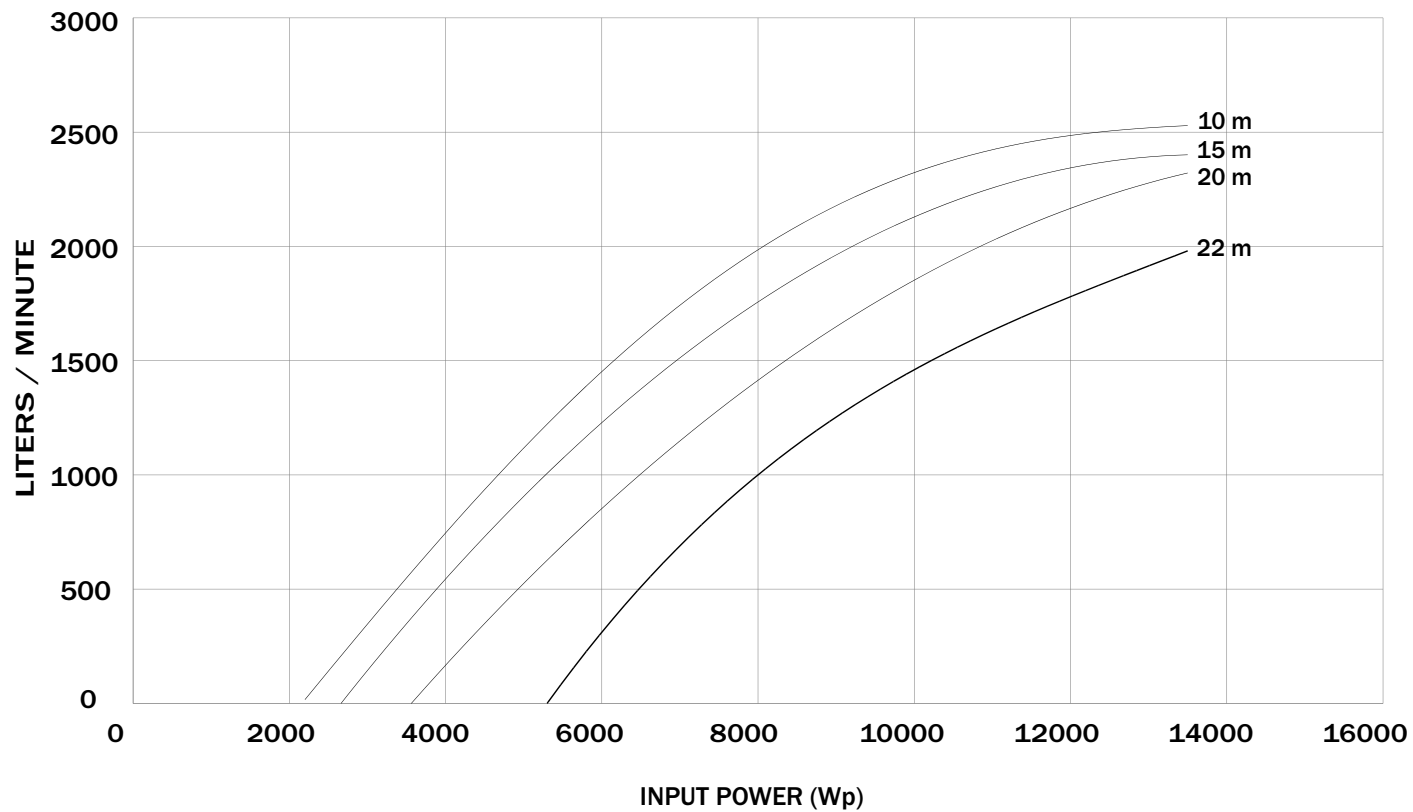
PUMP SET CODE : 9500000886

PUMP CODE : 9000029342

DISCHARGE (LPD) : 918000

DISCHARGE (LPW) : 68

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	13500	10800	8000	5300	3600	2600	2200
HEAD (m)	FLOW IN LPM						
22	1981	1600	1000	0			
20	2330	1975	1415	650	0		
15	2410	2200	1800	1000	350	0	
10	2530	2400	2000	1200	600	200	0

SOLAR PUMPING SYSTEM



SOLAR 86 DCSSP 13500

BSP 100 mm (6X6)

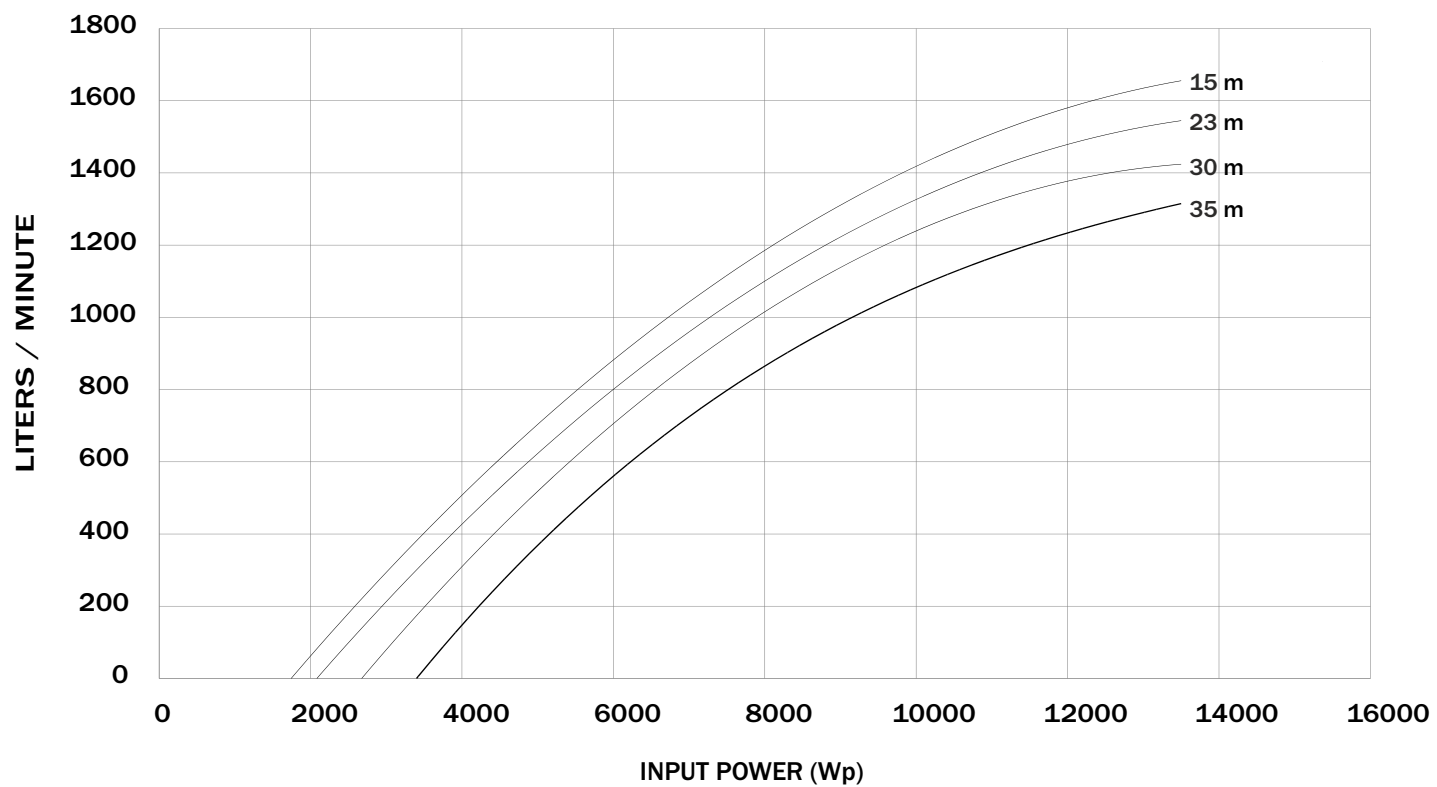
PUMP SET CODE : 9500002216

PUMP CODE : 9000018426

DISCHARGE (LPD) : 661500

DISCHARGE (LPW) : 49

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	13500	8000	6000	3400	2700	2100	1800
HEAD (m)	FLOW IN LPM						
35	1315	865	560	0			
30	1425	1010	710	180	0		
23	1545	1100	800	300	150	0	
15	1655	1190	875	380	230	100	0

SOLAR PUMPING SYSTEM



SOLAR 58 DCSSP 13500

BSP 75 mm (6X6)

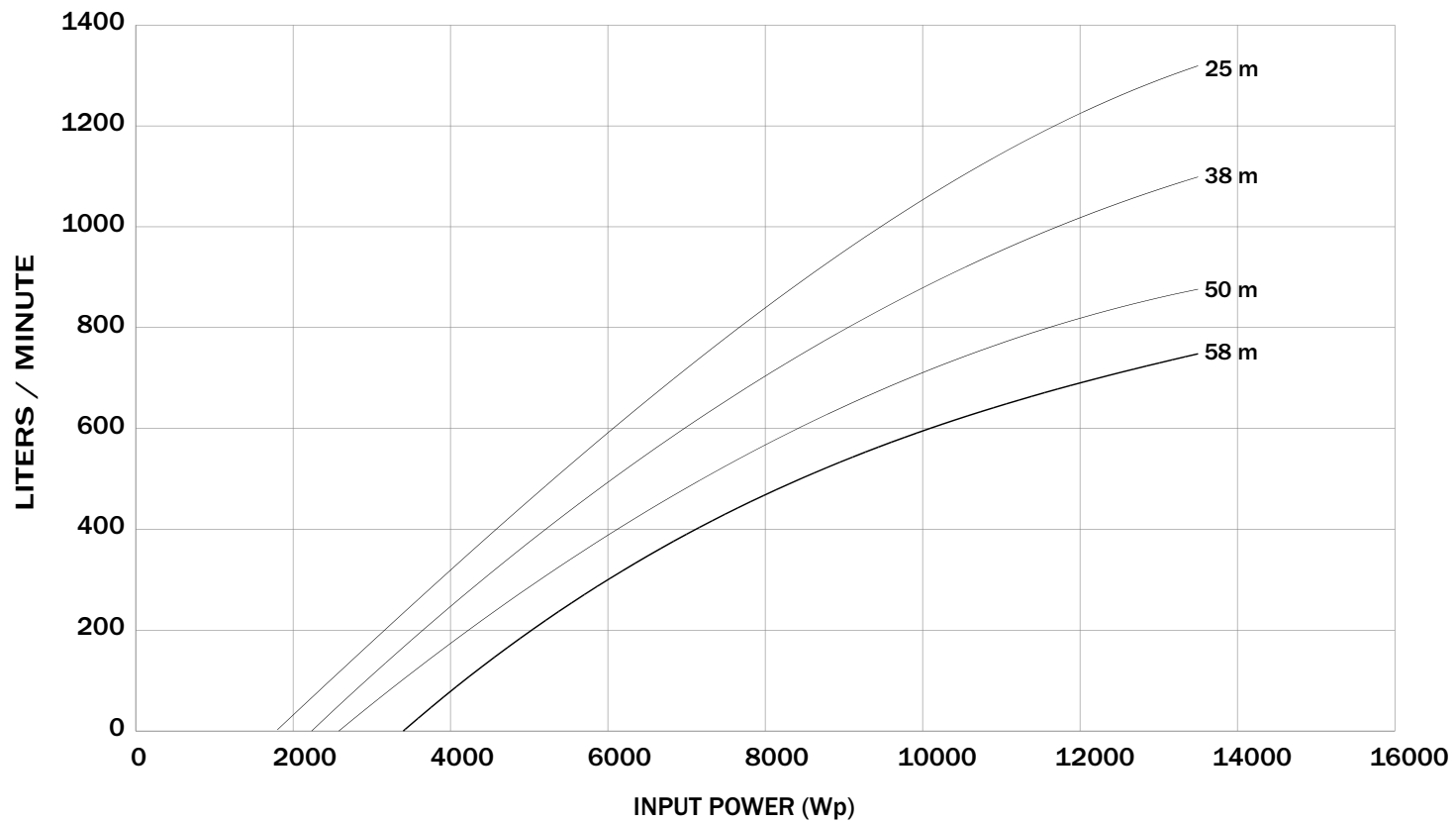
PUMP SET CODE : 9500002331

PUMP CODE : 9000028912

DISCHARGE (LPD) : 359100.0

DISCHARGE (LPW) : 26.6

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	13500	10000	6000	3400	2600	2200	1800
HEAD (m)	FLOW IN LPM						
58	748	595	300	0			
50	880	700	400	100	0		
38	1100	875	500	160	50	0	
25	1320	1050	600	220	120	70	0

SOLAR PUMPING SYSTEM



SOLAR 43 DCSSP 13500

BSP 75 mm (6X6)

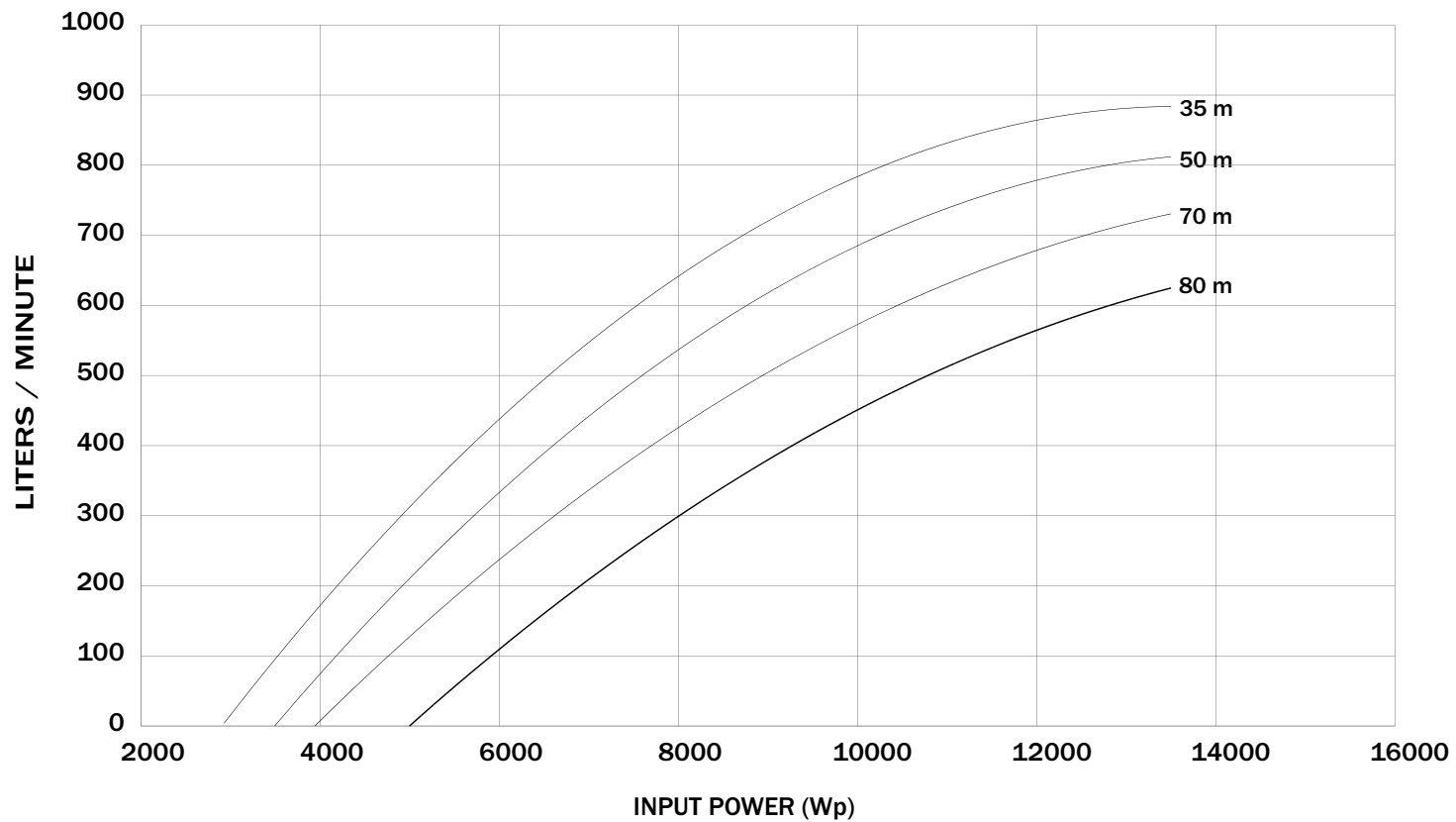
PUMP SET CODE : 9500002240

PUMP CODE : 9000031006

DISCHARGE (LPD) : 275400.0

DISCHARGE (LPW) : 20.4

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	13500	10000	8000	5000	4000	3500	3000
HEAD (m)	FLOW IN LPM						
80	625	450	300	0			
70	734	560	435	135	0		
50	815	670	555	200	80	0	
35	890	765	650	320	180	100	0

SOLAR PUMPING SYSTEM



SOLAR 30 DCSSP 13500

BSP 63 mm (6X6)

PUMP SET CODE : 9500002241

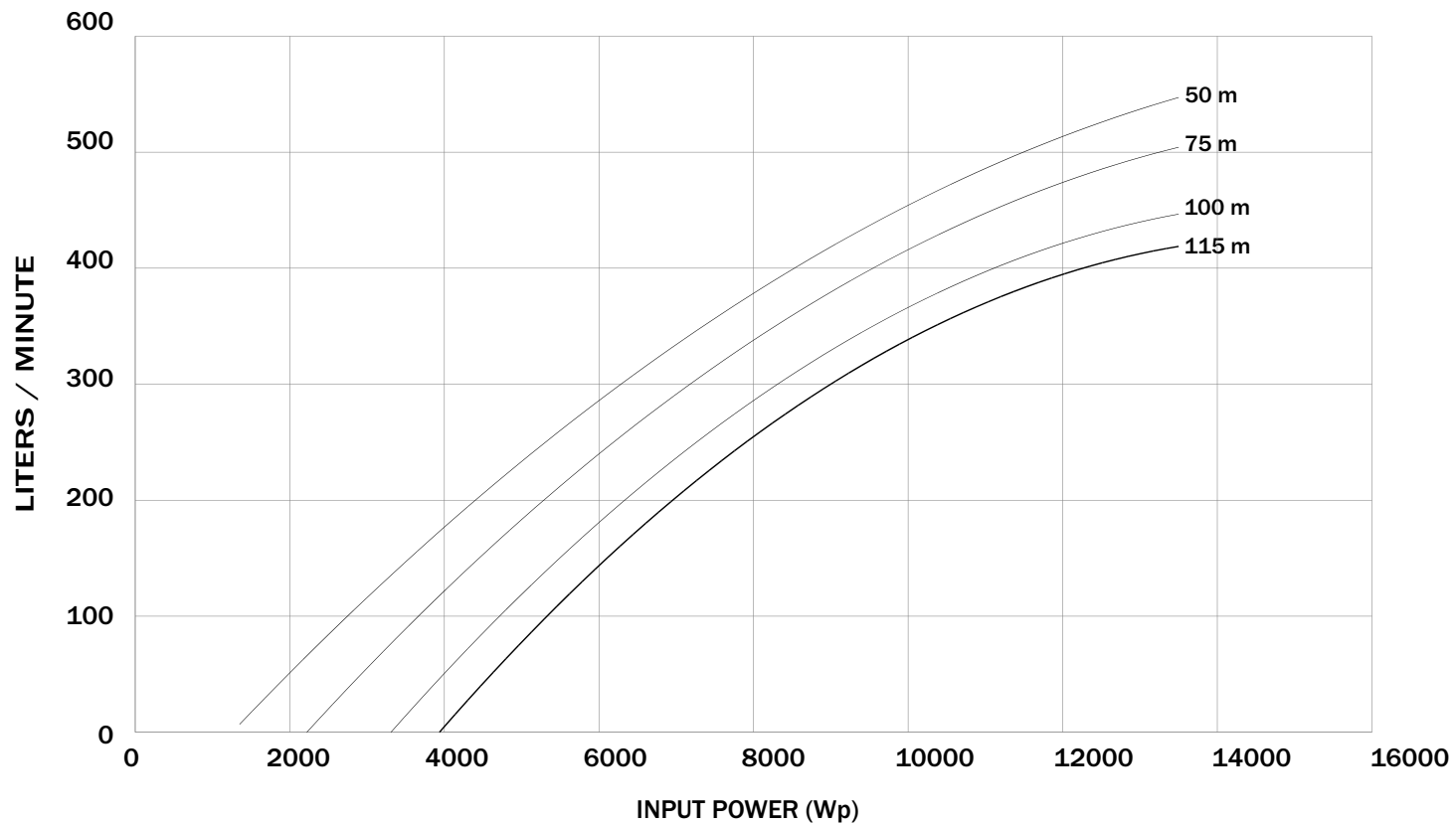
PUMP CODE : 9000032990

DISCHARGE (LPD) : 175500

DISCHARGE (LPW) : 13

DUTY HEAD : 100 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	13500	10000	8000	3950	3350	2250	1350
HEAD (m)	FLOW IN LPM						
115	420	333	260	0			
100	448	361	290	50	0		
75	506	410	342	120	80	0	
50	551	445	380	180	140	70	0

SOLAR PUMPING SYSTEM



SOLAR 25 DCSSP 13500

BSP 63 mm (6X6)

PUMP SET CODE : 9500002252

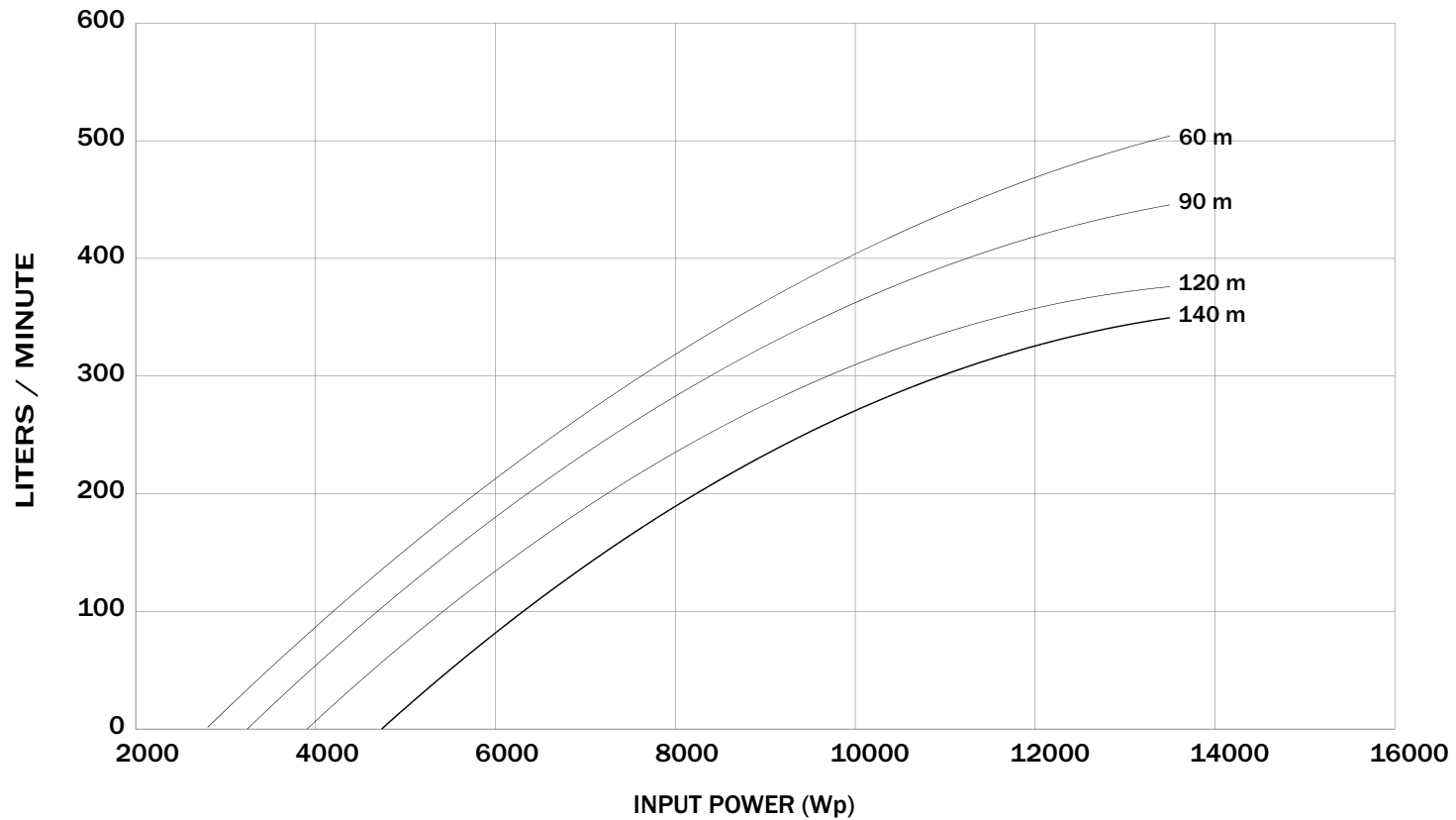
PUMP CODE : 9000031439

DISCHARGE (LPD) : 147150.0

DISCHARGE (LPW) : 10.9

DUTY HEAD : 120 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	13500	8000	6000	4800	3900	3300	2800
HEAD (m)	FLOW IN LPM						
140	350	185	90	0			
120	376	235	135	60	0		
90	446	280	181	110	50	0	
60	504	320	210	140	80	40	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 13500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002242

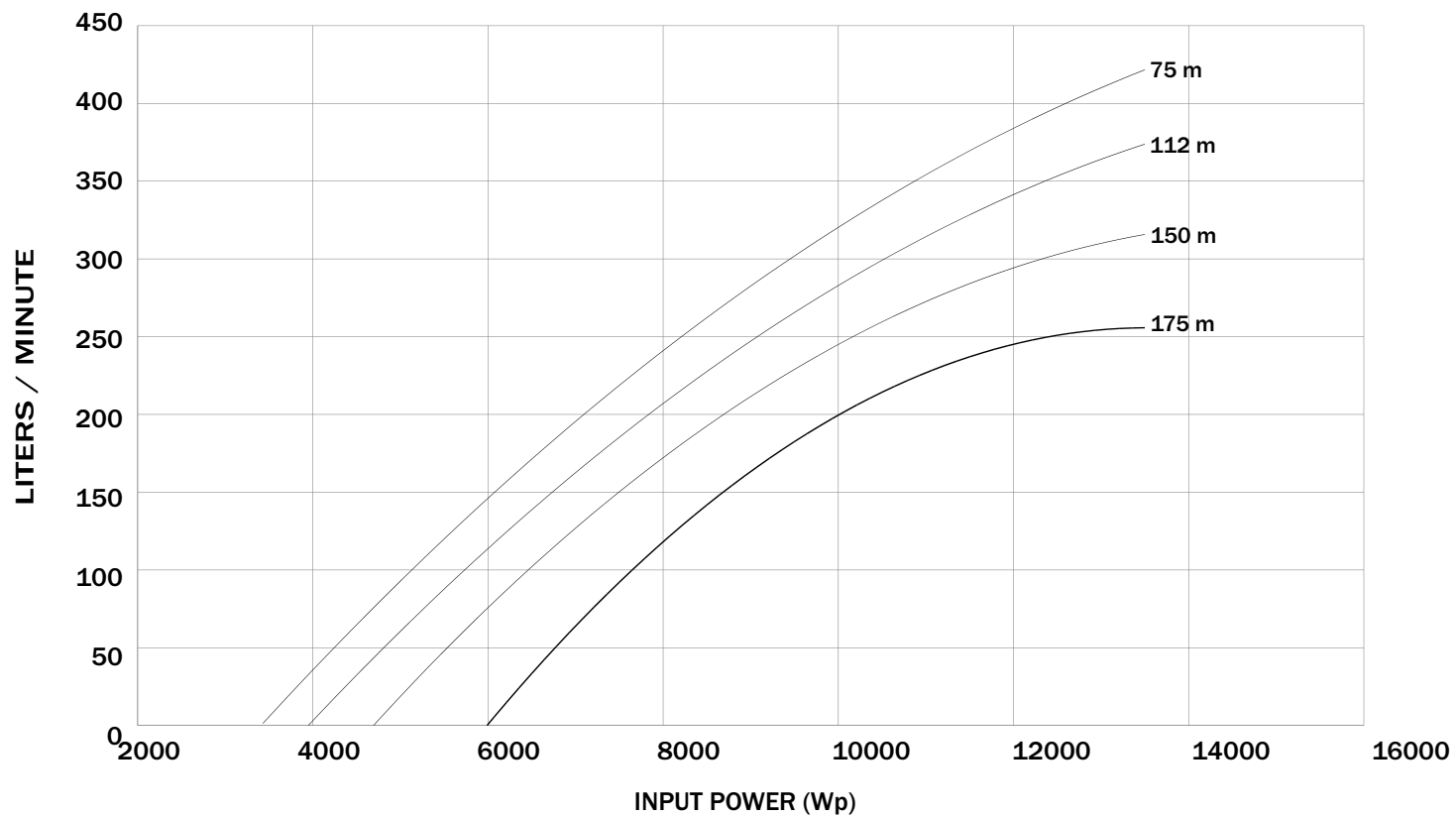
PUMP CODE : 9000031005

DISCHARGE (LPD) : 117450.0

DISCHARGE (LPW) : 8.7

DUTY HEAD : 150 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	13500	10000	8000	6000	4750	4000	3500
HEAD (m)	FLOW IN LPM						
175	256	198	120	0			
150	317	240	175	80	0		
112	374	283	205	115	50	0	
75	422	321	236	150	80	40	0

SOLAR PUMPING SYSTEM



SOLAR 12 DCSSP 13500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002125

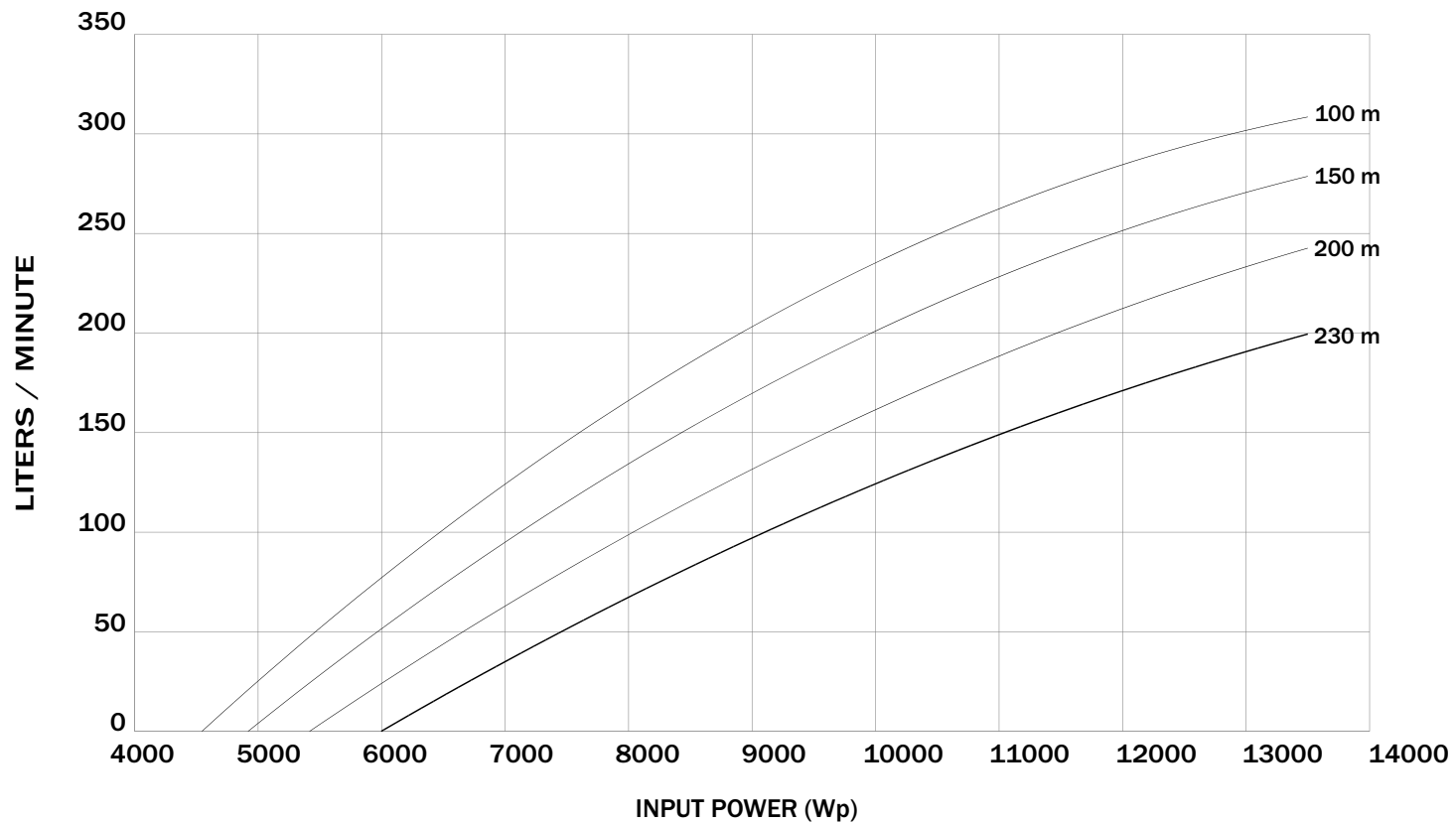
PUMP CODE : 9000029206

DISCHARGE (LPD) : 72900.0

DISCHARGE (LPW) : 5.4

DUTY HEAD : 200 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	13500	12000	10000	6000	5500	5000	4500
HEAD (m)	FLOW IN LPM						
230	200	170	125	0			
200	244	210	162	28	0		
150	280	250	200	55	30	0	
100	310	280	240	75	50	25	0

SOLAR PUMPING SYSTEM



SOLAR 11 DCSSP 13500

BSP 50 mm (6X4)

PUMP SET CODE : 9500002163

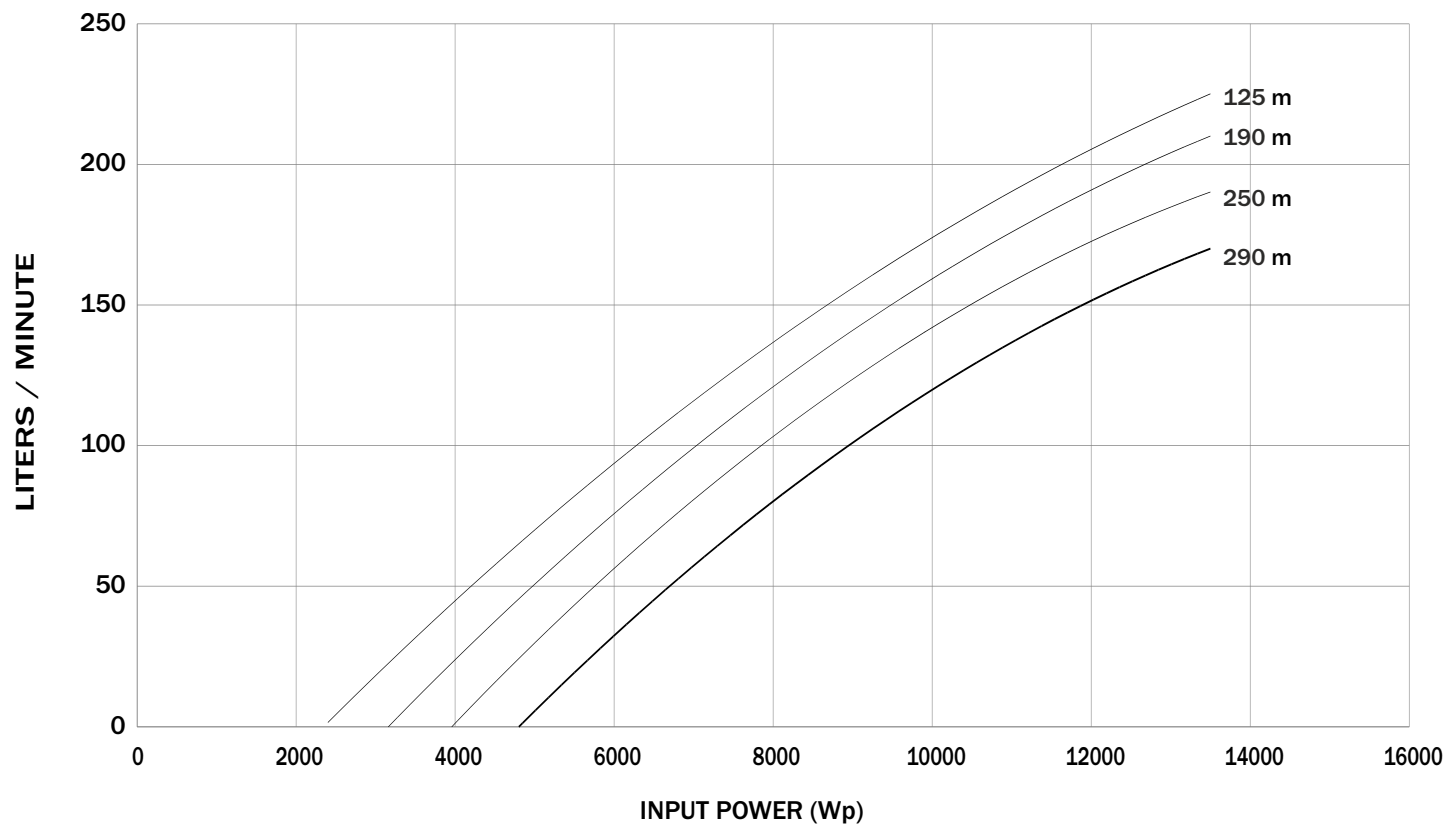
PUMP CODE : 9000028470

DISCHARGE (LPD) : 64800.0

DISCHARGE (LPW) : 4.8

DUTY HEAD : 250 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	13500	10000	8000	4800	3970	3200	2400
HEAD (m)	FLOW IN LPM						
290	170	120	80	0			
250	190	143	102	25	0		
190	210	160	120	45	25	0	
125	225	175	135	65	45	25	0

SOLAR PUMPING SYSTEM



SOLAR 240 DCSSP 18000

BSP 150 mm (6X12)

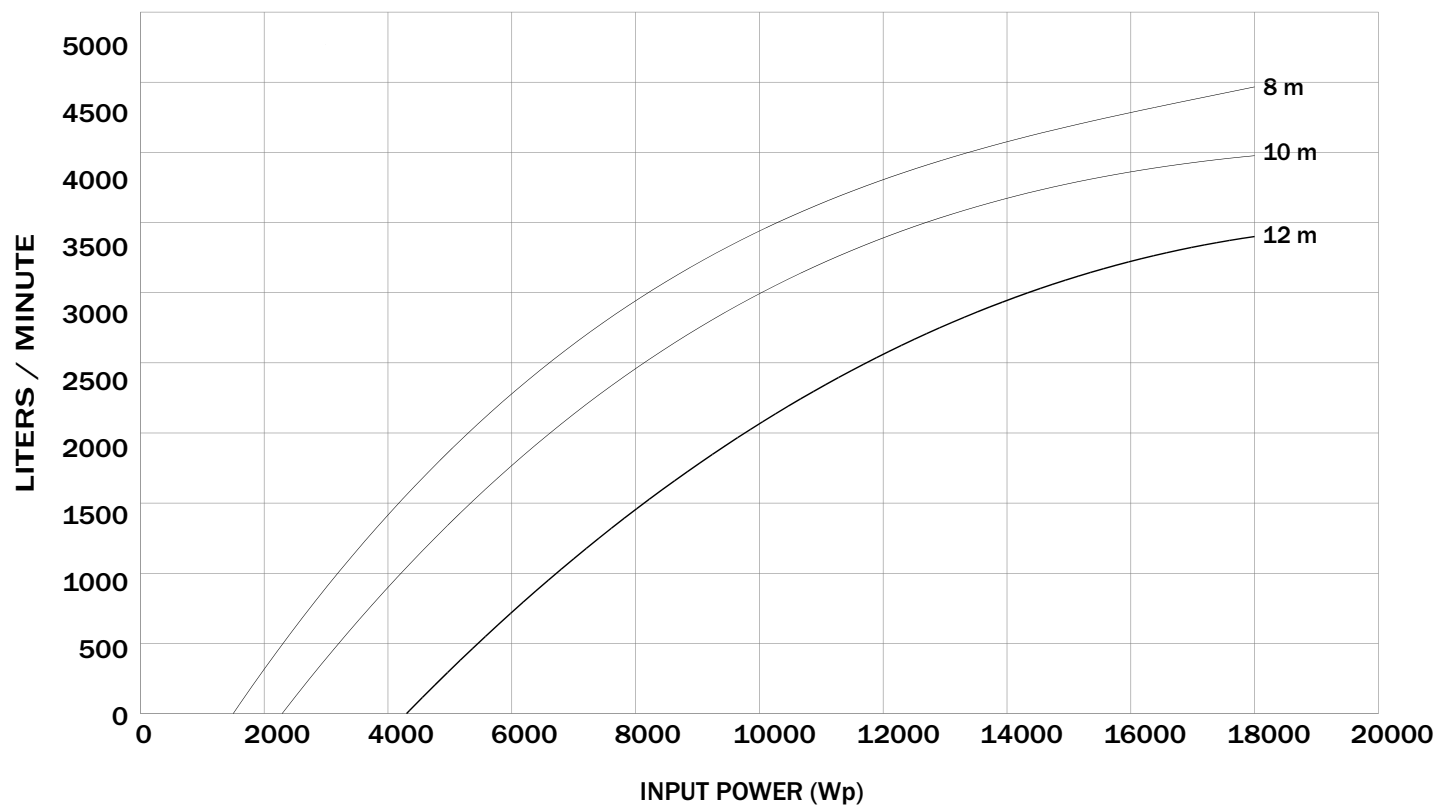
PUMP SET CODE : 9500000887

PUMP CODE : 9000018445

DISCHARGE (LPD) : 2250000

DISCHARGE (LPW) : 125.0

DUTY HEAD : 10 METER



	INPUT POWER (Wp)						
	18000	15800	10500	4300	2250	1500	
HEAD (m)	FLOW IN LPM						
12	3400	3200	2200	0			
10	4000	3800	3145	1000	0		
8	4500	4200	3600	1500	500	0	

SOLAR PUMPING SYSTEM



SOLAR 148 DCSSP 18000

BSP 100 mm (6X8)

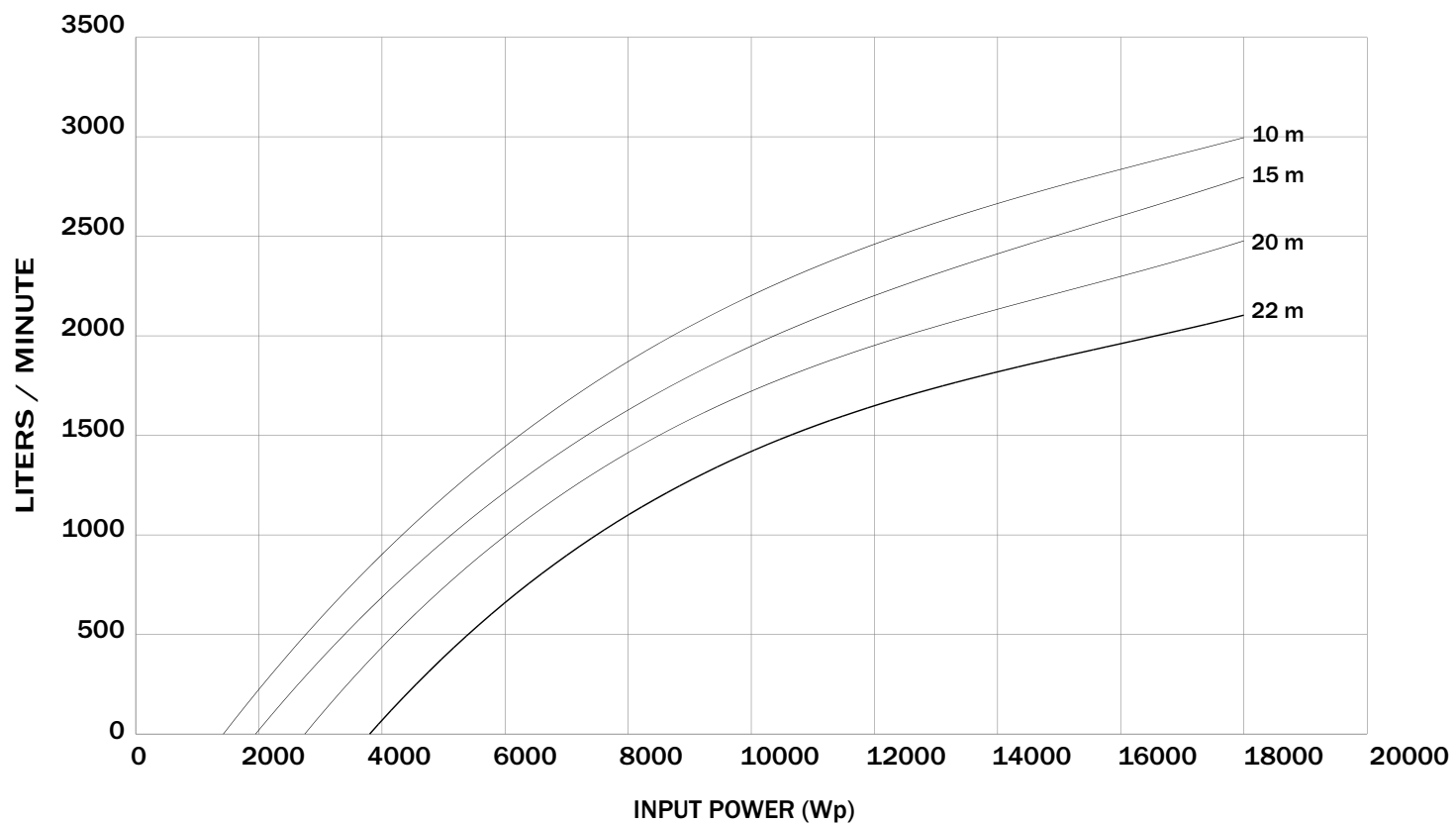
PUMP SET CODE : 9500000896

PUMP CODE : 9000028922

DISCHARGE (LPD) : 1231200.0

DISCHARGE (LPW) : 68.4

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	18000	14000	8000	3800	2800	1900	1500
HEAD (m)	FLOW IN LPM						
22	2104	1819	1100	0			
20	2475	2140	1400	400	0		
15	2800	2400	1650	600	300	0	
10	3000	2650	1900	800	500	250	0

SOLAR PUMPING SYSTEM



SOLAR 129 DCSSP 18000

BSP 100 mm (6X8)

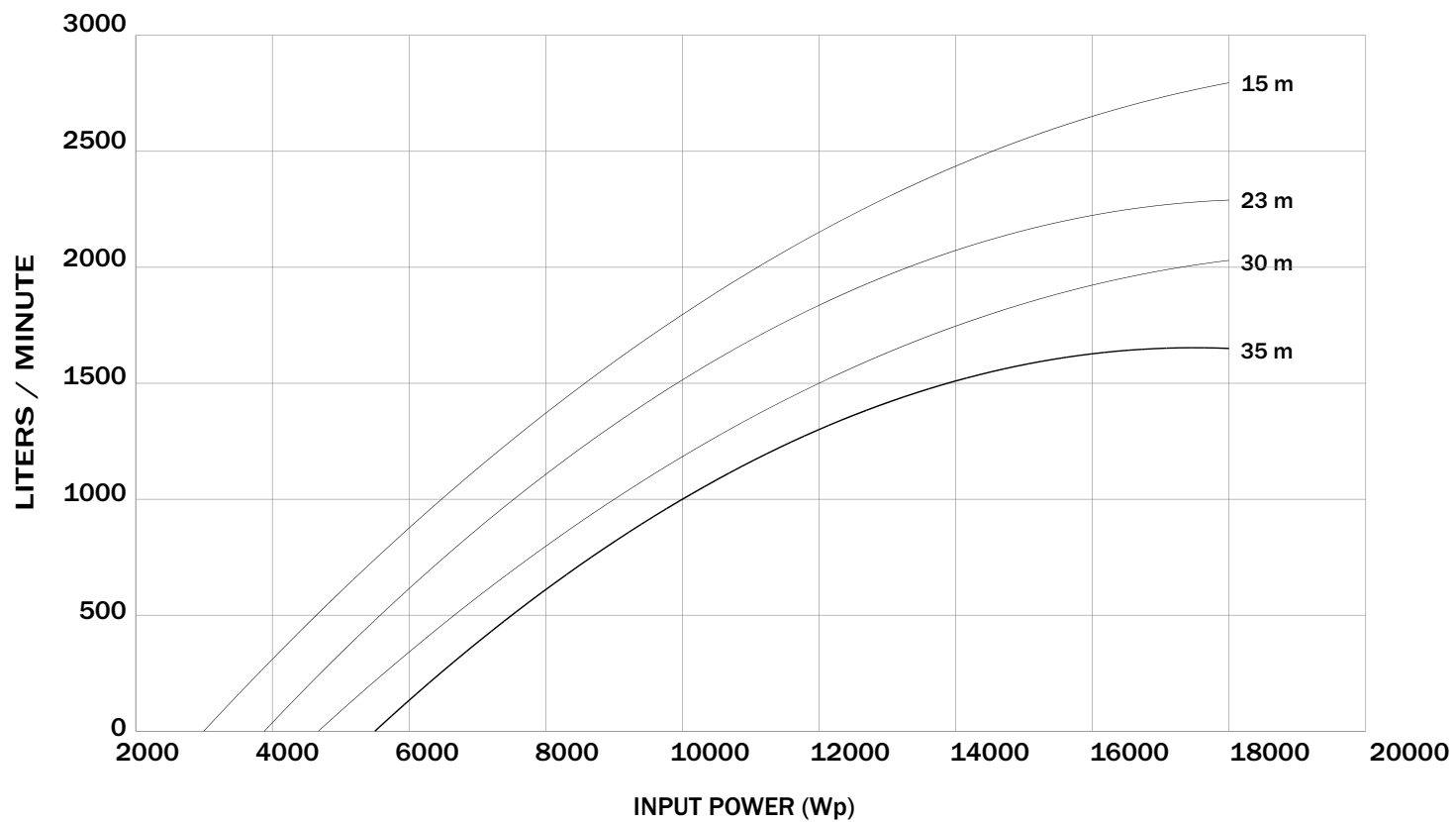
PUMP SET CODE : 9500002399

PUMP CODE : 9000032991

DISCHARGE (LPD) : 864000

DISCHARGE (LPW) : 48

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	18000	14000	10000	5500	4800	4000	3000
HEAD (m)	FLOW IN LPM						
35	1650	1510	1000	0			
30	2040	1720	1200	250	0		
23	2300	2050	1520	500	300	0	
15	2800	2425	1800	750	550	300	0

SOLAR PUMPING SYSTEM



SOLAR 78 DCSSP 18000

BSP 100 mm (6X6)

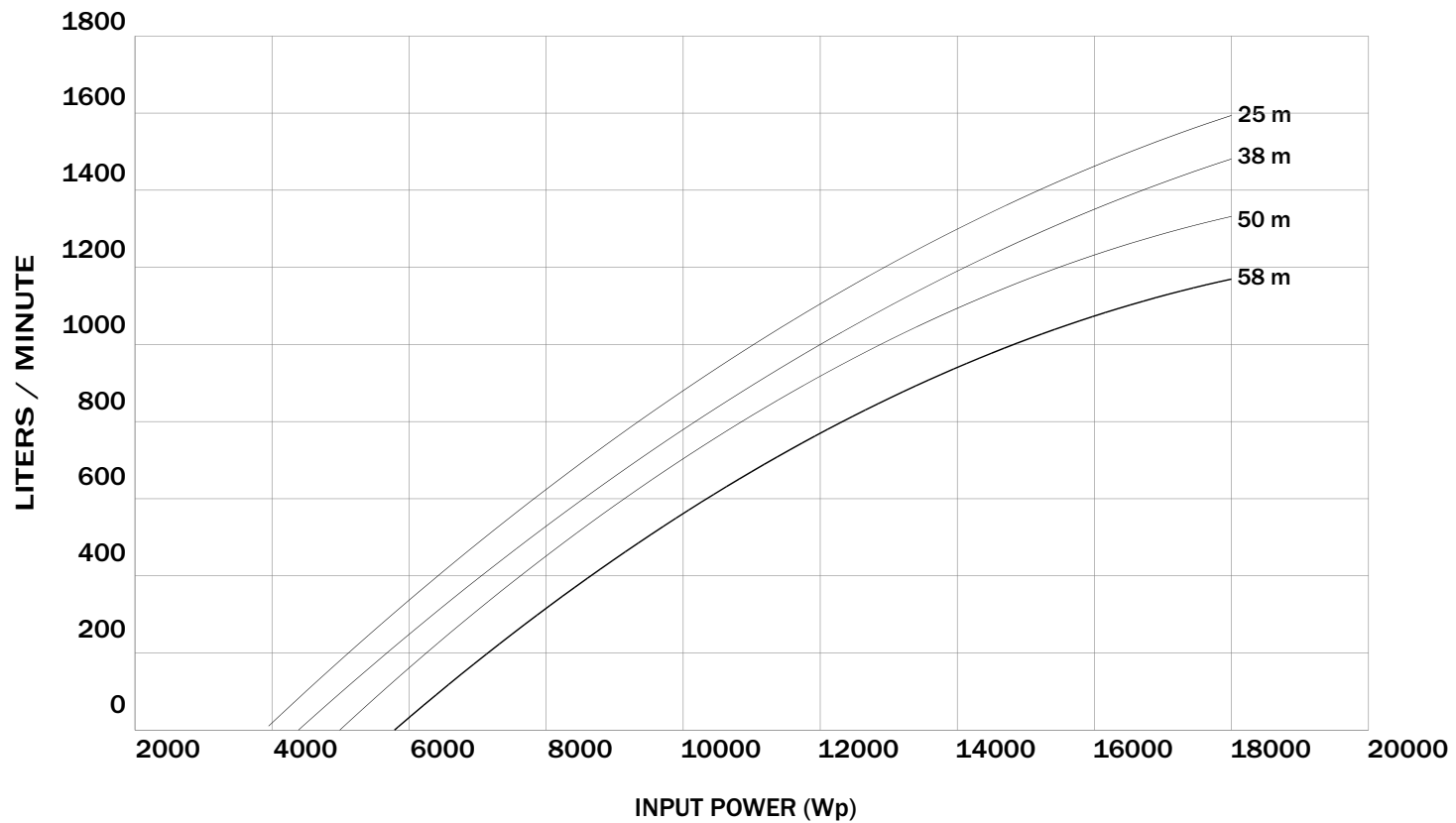
PUMP SET CODE : 9500002629

PUMP CODE : 9000029278

DISCHARGE (LPD) : 486000

DISCHARGE (LPW) : 27

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	18000	16000	12000	5800	5100	4500	4000
HEAD (m)	FLOW IN LPM						
58	1180	1055	780	0			
50	1340	1220	920	150	0		
38	1500	1320	1010	230	120	0	
25	1610	1440	1105	330	200	100	0

SOLAR PUMPING SYSTEM



SOLAR 53 DCSSP 18000

BSP 75 mm (6X6)

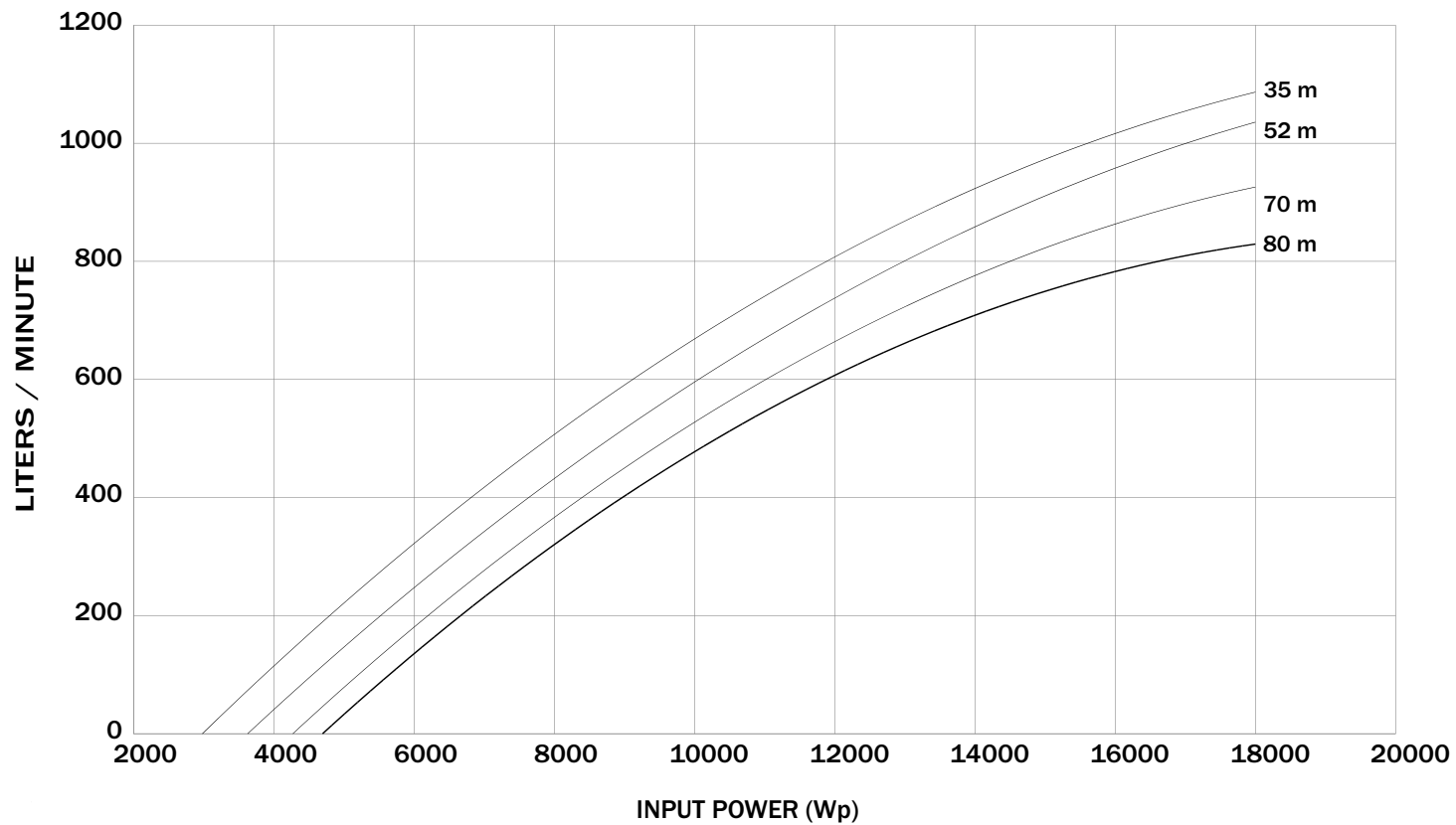
PUMP SET CODE : 9500001726

PUMP CODE : 9000028913

DISCHARGE (LPD) : 360000.0

DISCHARGE (LPW) : 20.0

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	18000	14000	12000	4700	4300	3500	3000
HEAD (m)	FLOW IN LPM						
80	830	705	610	0			
70	925	780	660	50	0		
52	1036	850	750	100	70	0	
35	1090	915	810	200	150	50	0

SOLAR PUMPING SYSTEM



SOLAR 43 DCSSP18000

BSP 75 mm (6X6)

PUMP SET CODE : 9500002117

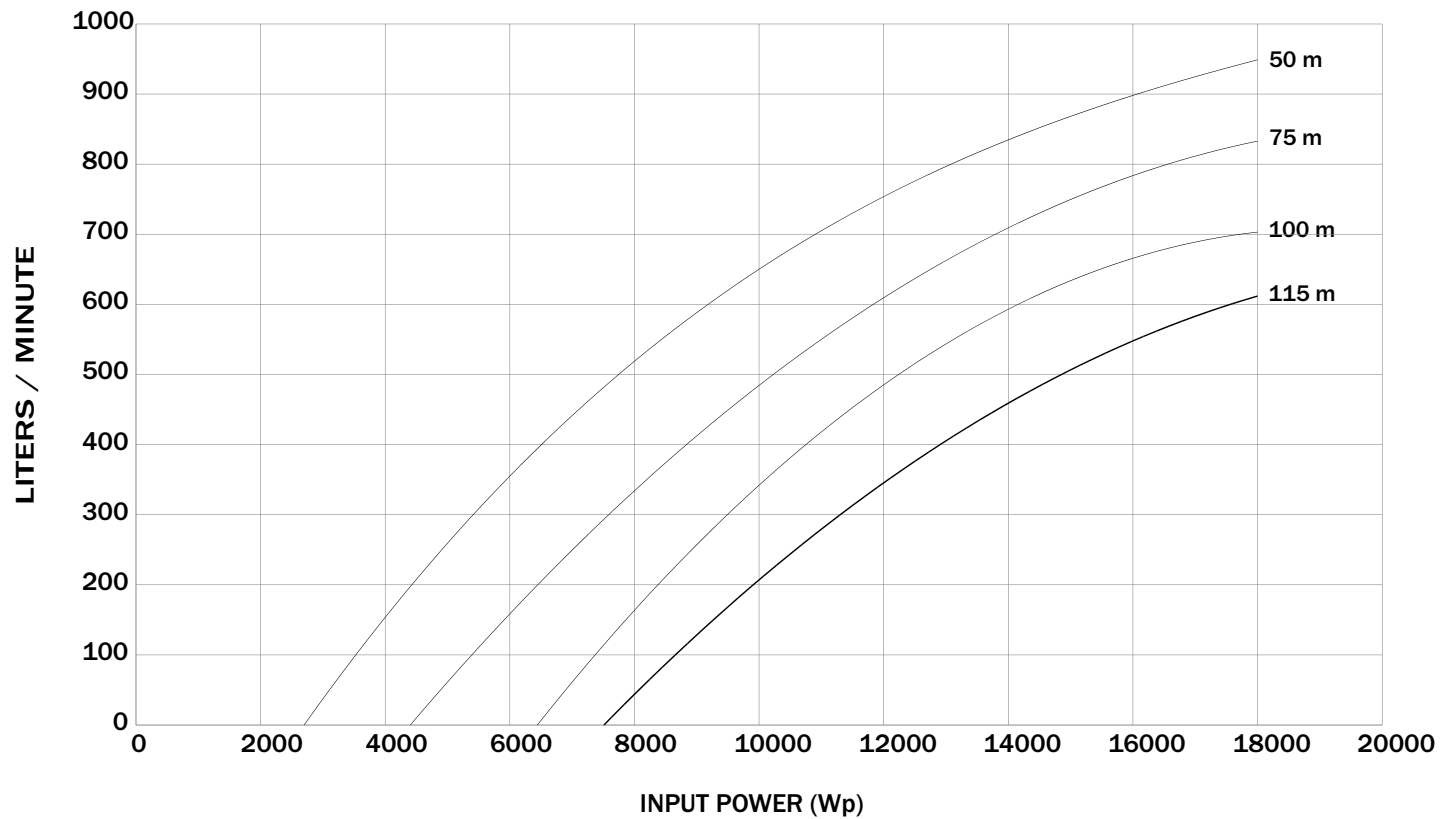
PUMP CODE : 9000028914

DISCHARGE (LPD) : 252000

DISCHARGE (LPW) : 14

DUTY HEAD : 100 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	15000	9000	7600	6550	4400	2700
HEAD (m)	FLOW IN LPM						
115	615	500	140	0			
100	710	620	270	130	0		
75	840	735	430	300	200	0	
50	950	865	600	480	400	200	0

SOLAR PUMPING SYSTEM



SOLAR 32 DCSSP 18000

BSP 75 mm (6X6)

PUMP SET CODE : 9500002171

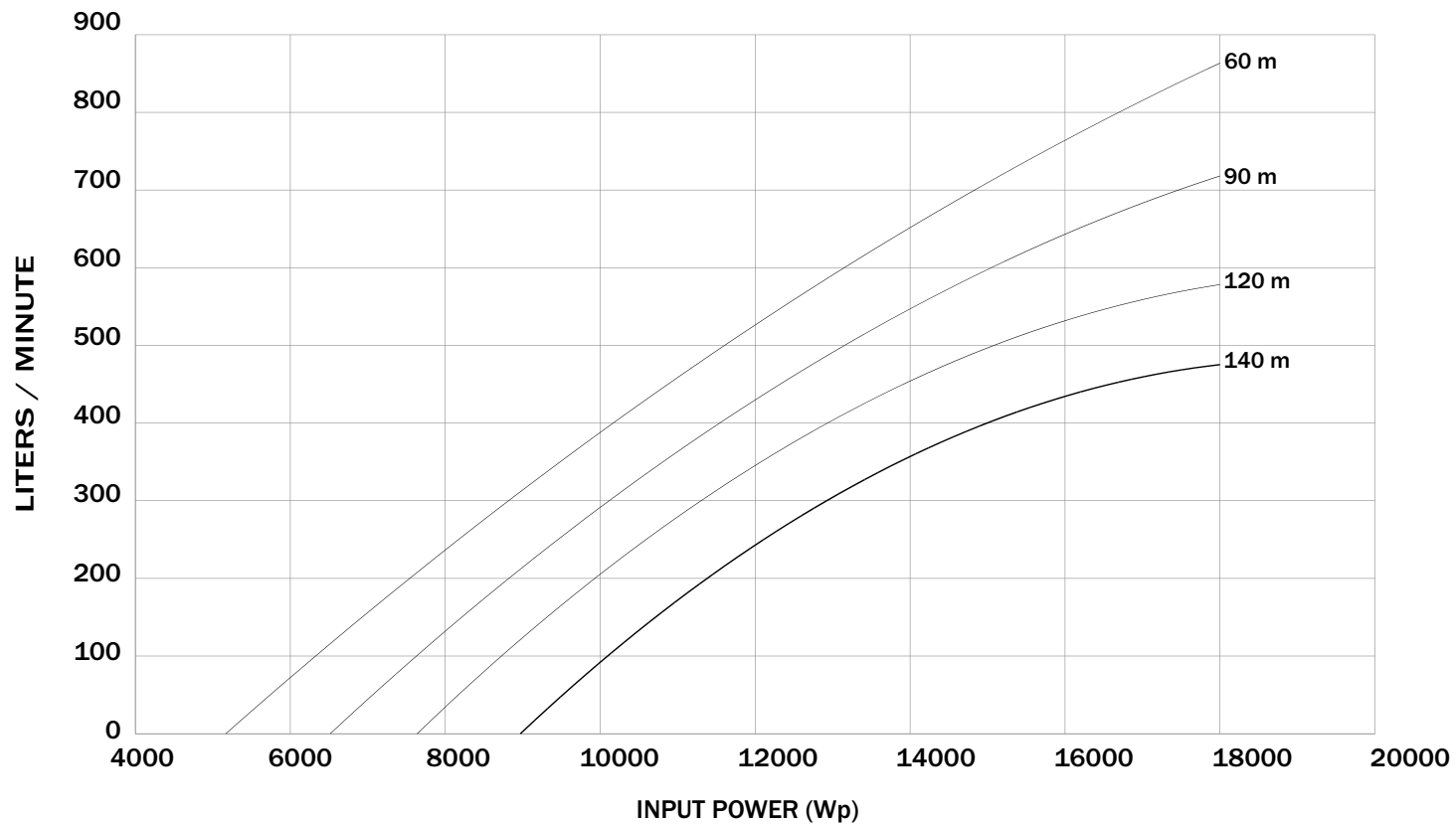
PUMP CODE : 9000029309

DISCHARGE (LPD) : 196200

DISCHARGE (LPW) : 10.9

DUTY HEAD : 120 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	16000	12000	9000	7700	6500	5000
HEAD (m)	FLOW IN LPM						
140	480	425	250	0			
120	585	520	350	130	0		
90	720	640	430	220	100	0	
60	850	780	540	300	200	110	0

SOLAR PUMPING SYSTEM



SOLAR 27 DCSSP 18000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002192

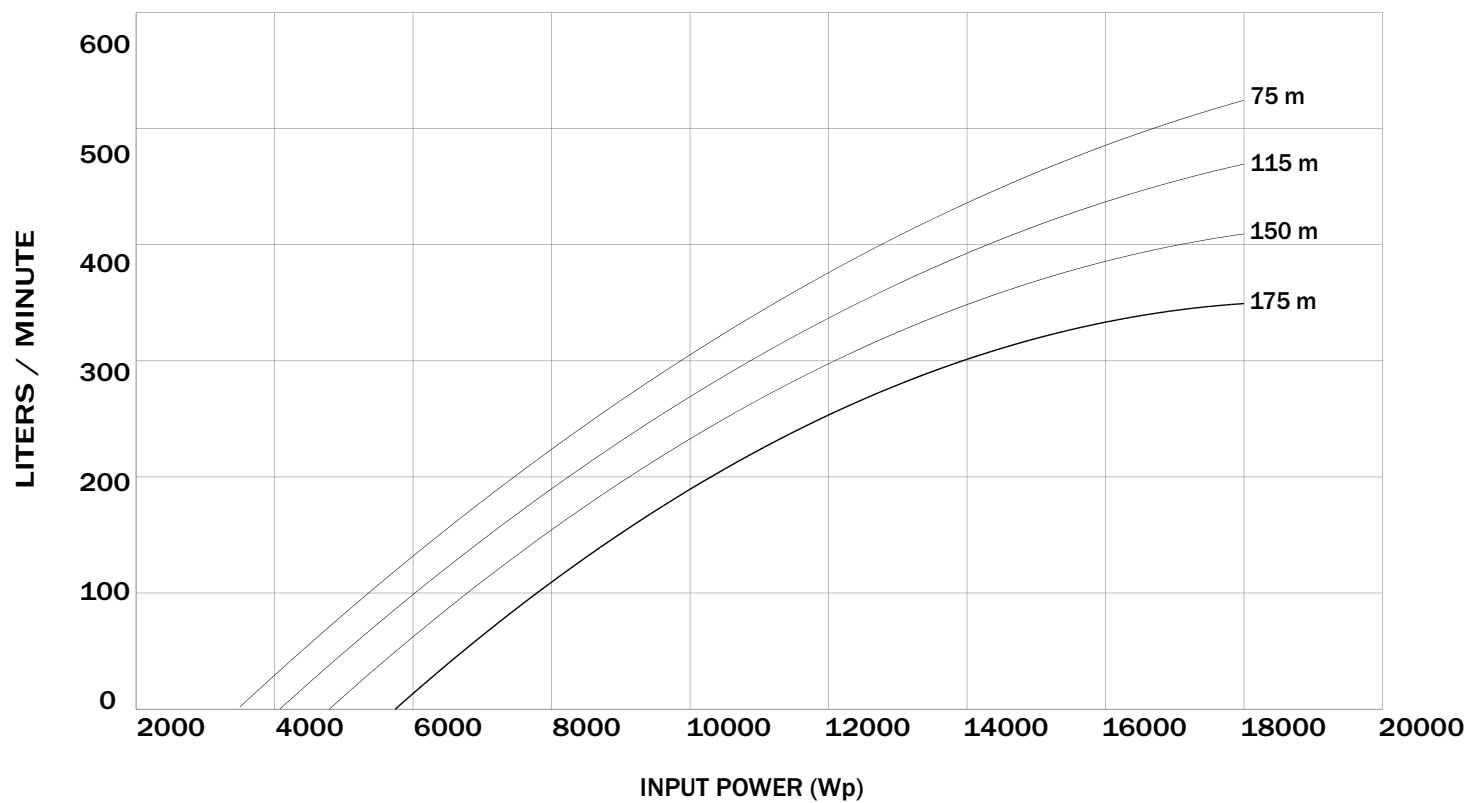
PUMP CODE : 9000029185

DISCHARGE (LPD) : 162000

DISCHARGE (LPW) : 9

DUTY HEAD : 150 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	12000	8000	5800	4800	4200	3600
HEAD (m)	FLOW IN LPM						
175	350	250	115	0			
150	410	294	160	50	0		
115	470	335	190	90	45	0	
75	525	375	220	125	80	40	0

SOLAR PUMPING SYSTEM



SOLAR 20 DCSSP18000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002126

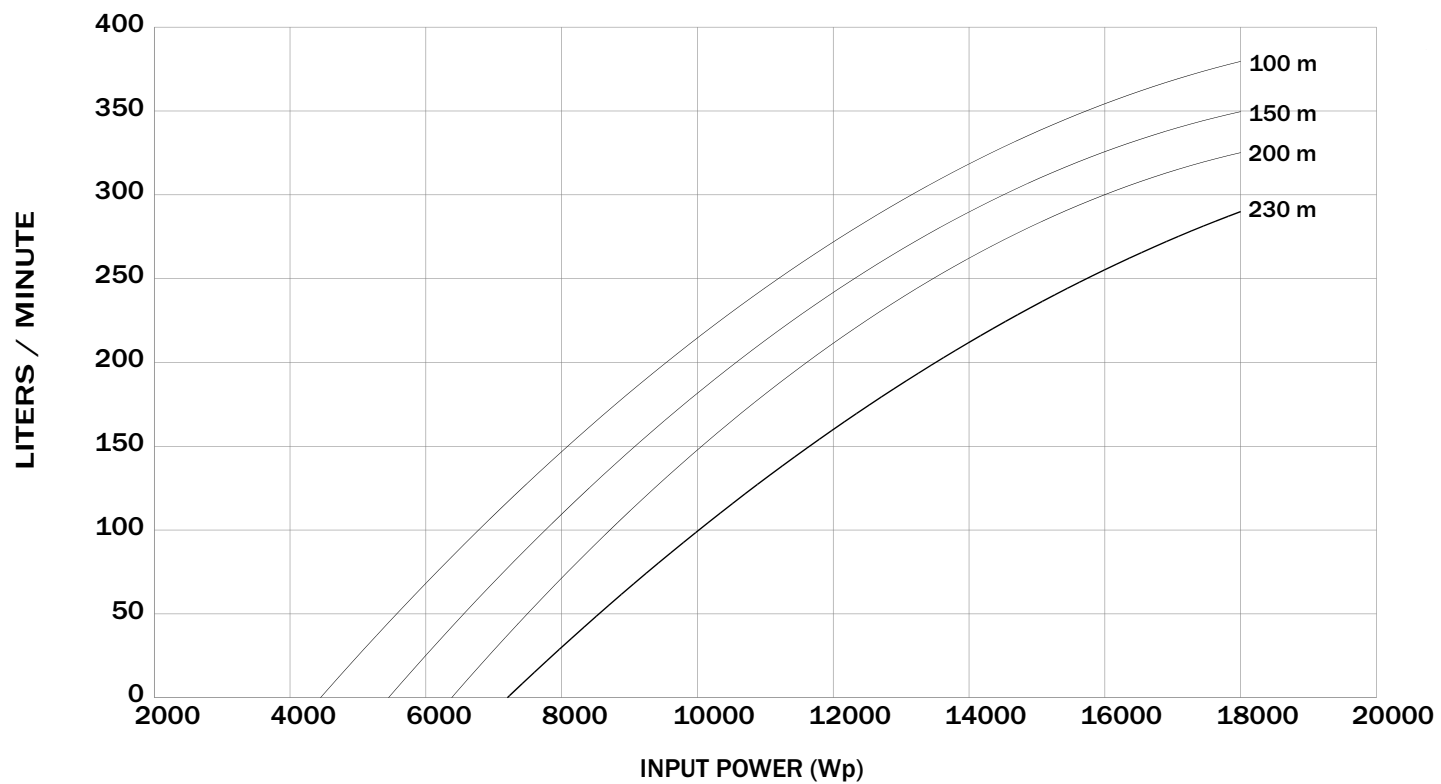
PUMP CODE : 9000022316

DISCHARGE (LPD) : 115200.0

DISCHARGE (LPW) : 6.4

DUTY HEAD : 200 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	12000	8000	7200	6550	5500	4500
HEAD (m)							
230	290	160	30	0			
200	326	207	80	40	0		
150	350	240	110	80	50	0	
100	380	270	150	115	90	50	0

SOLAR PUMPING SYSTEM



SOLAR 16 DCSSP 18000

BSP 50 mm (6X6)

PUMP SET CODE : 9500000562

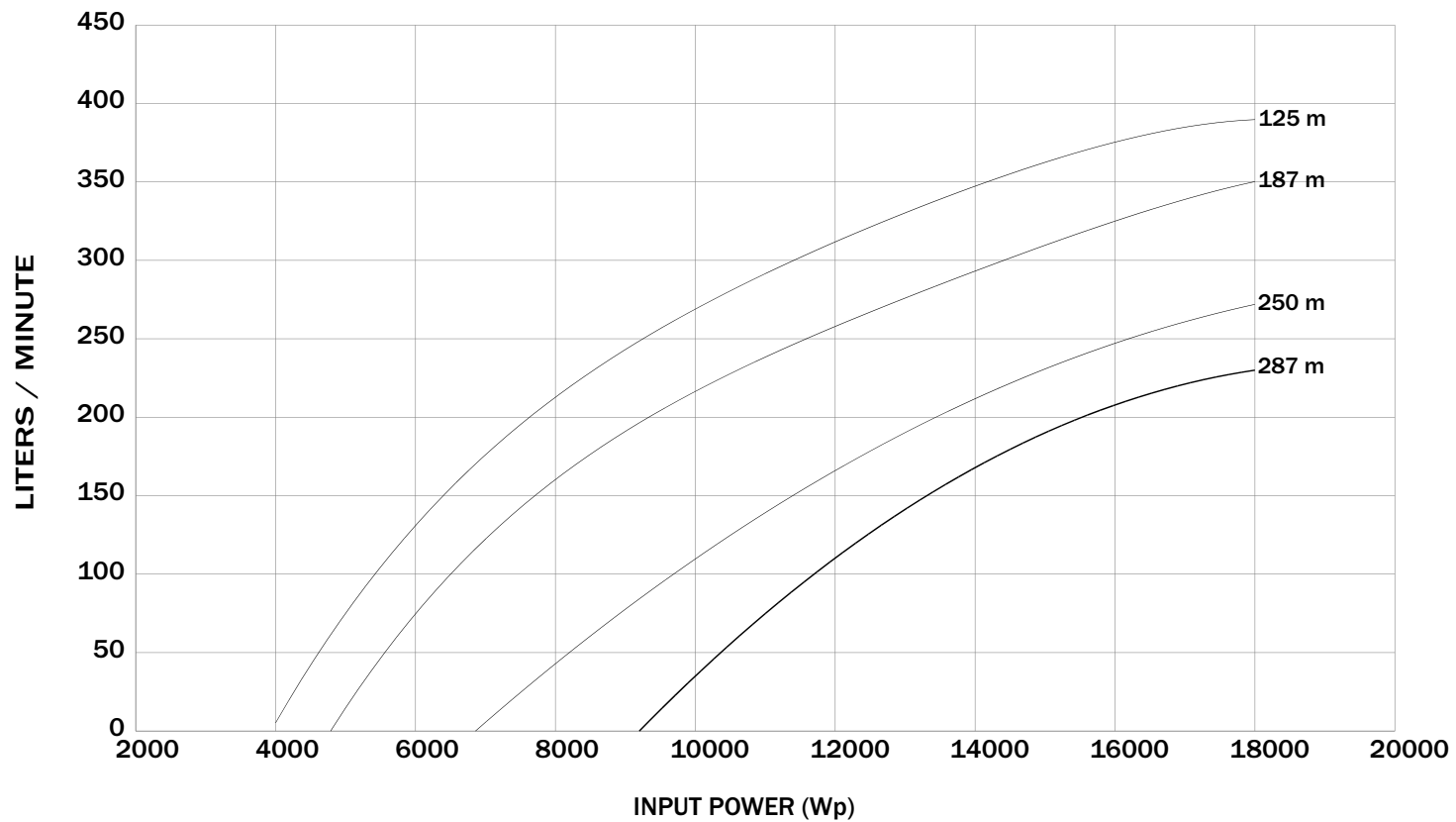
PUMP CODE : 9000029279

DISCHARGE (LPD) : 99000

DISCHARGE (LPW) : 5.5

DUTY HEAD : 250 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	14300	12300	9200	7000	4780	4000
HEAD (m)	FLOW IN LPM						
287	230	175	120	0			
250	274	214	170	95	0		
187	350	300	260	200	120	0	
125	390	350	320	250	170	70	0

SOLAR PUMPING SYSTEM



SOLAR 13 DCSSP 18000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002164

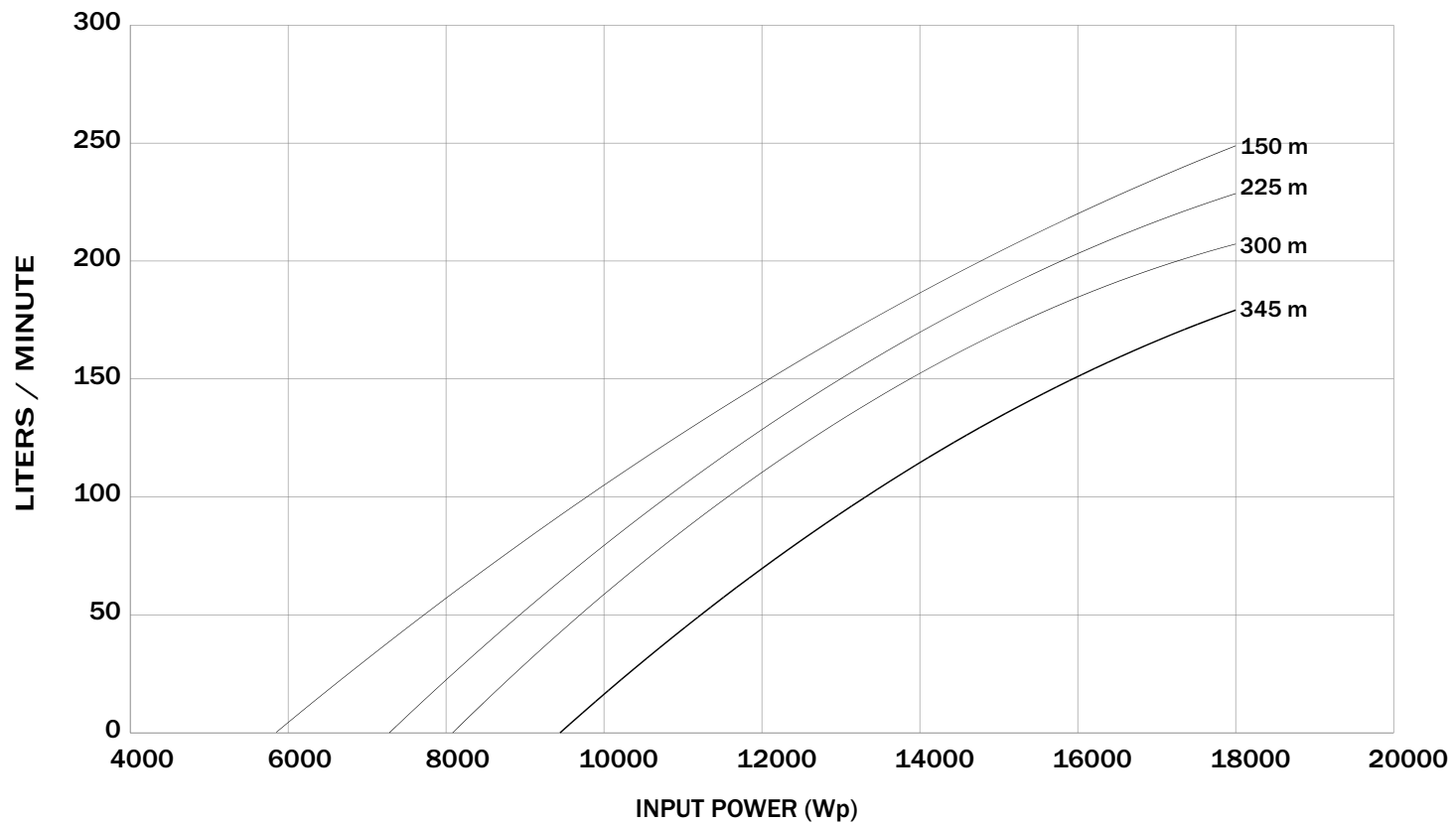
PUMP CODE : 9000029283

DISCHARGE (LPD) : 59400.0

DISCHARGE (LPW) : 3.3

DUTY HEAD : 300 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	14000	12000	9500	8200	7400	6000
HEAD (m)	FLOW IN LPM						
345	180	110	75	0			
300	208	150	110	50	0		
225	230	165	130	70	30	0	
150	250	185	145	95	65	45	0

SOLAR PUMPING SYSTEM



SOLAR 8 DCSSP 18000

BSP 50 mm (6X6)

PUMP SET CODE : 9500002197

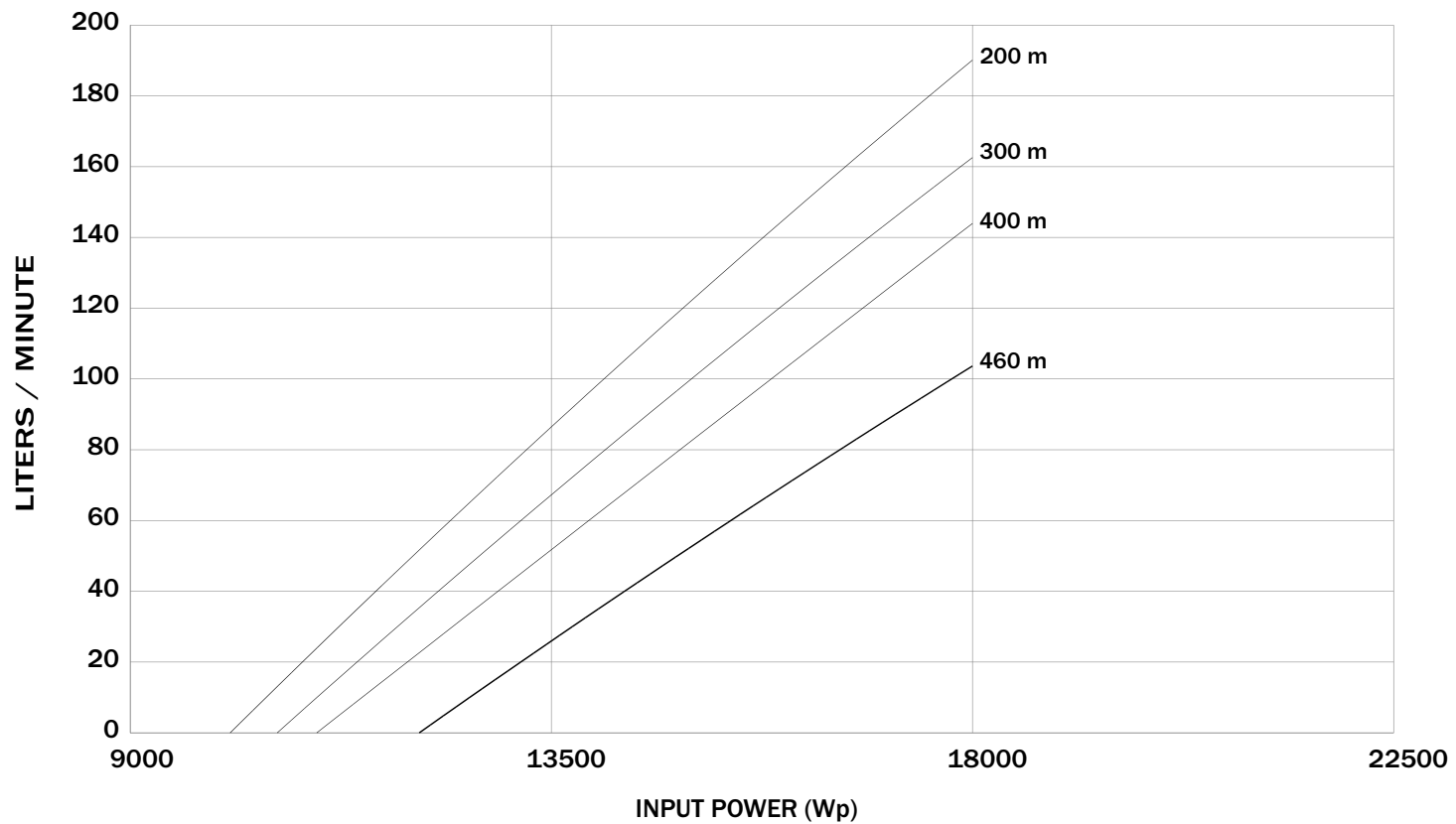
PUMP CODE : 9000030873

DISCHARGE (LPD) : 30600

DISCHARGE (LPW) : 1.7

DUTY HEAD : 400 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	18000	16000	14000	12000	11000	10500	10000
HEAD (m)	FLOW IN LPM						
460	102	75	30	0			
400	145	100	65	20	0		
300	162	122	80	30	10	0	
200	190	145	100	50	20	12	0

SOLAR PUMPING SYSTEM



SOLAR 156 DCSSP 22500

BSP 100 mm (6X8)

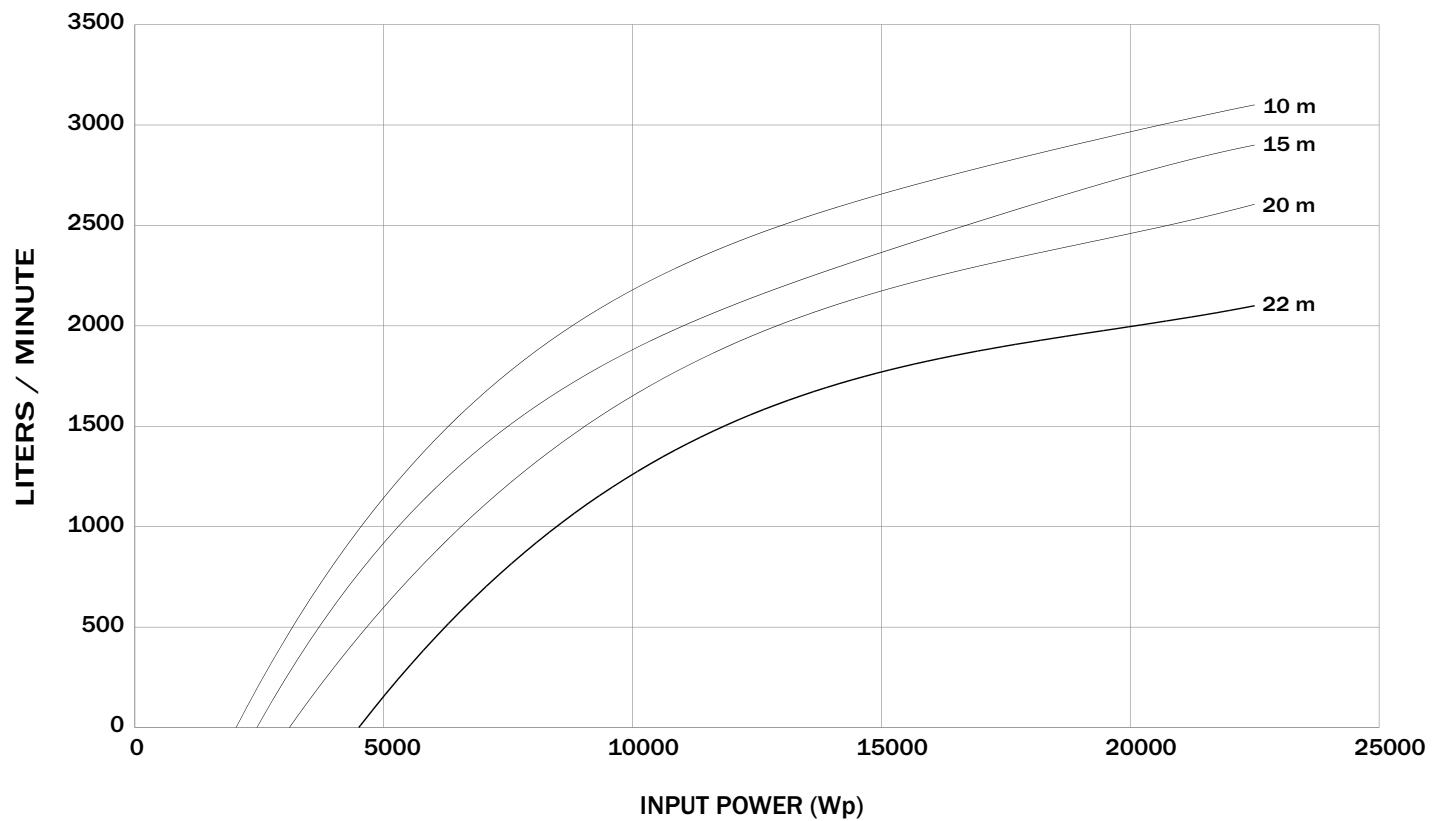
PUMP SET CODE : 9500000897

PUMP CODE : 9000032992

DISCHARGE (LPD) : 1462500

DISCHARGE (LPW) : 65

DUTY HEAD : 20 METER



	INPUT POWER (Wp)						
	22500	18000	11000	4500	3200	2500	2000
HEAD (m)	FLOW IN LPM						
22	2100	1920	1400	0			
20	2600	2370	1765	500	0		
15	2900	2600	2000	750	350	0	
10	3100	2850	2300	1000	500	200	0

SOLAR PUMPING SYSTEM



SOLAR 140 DCSSP 22500

BSP 125 mm (6X8)

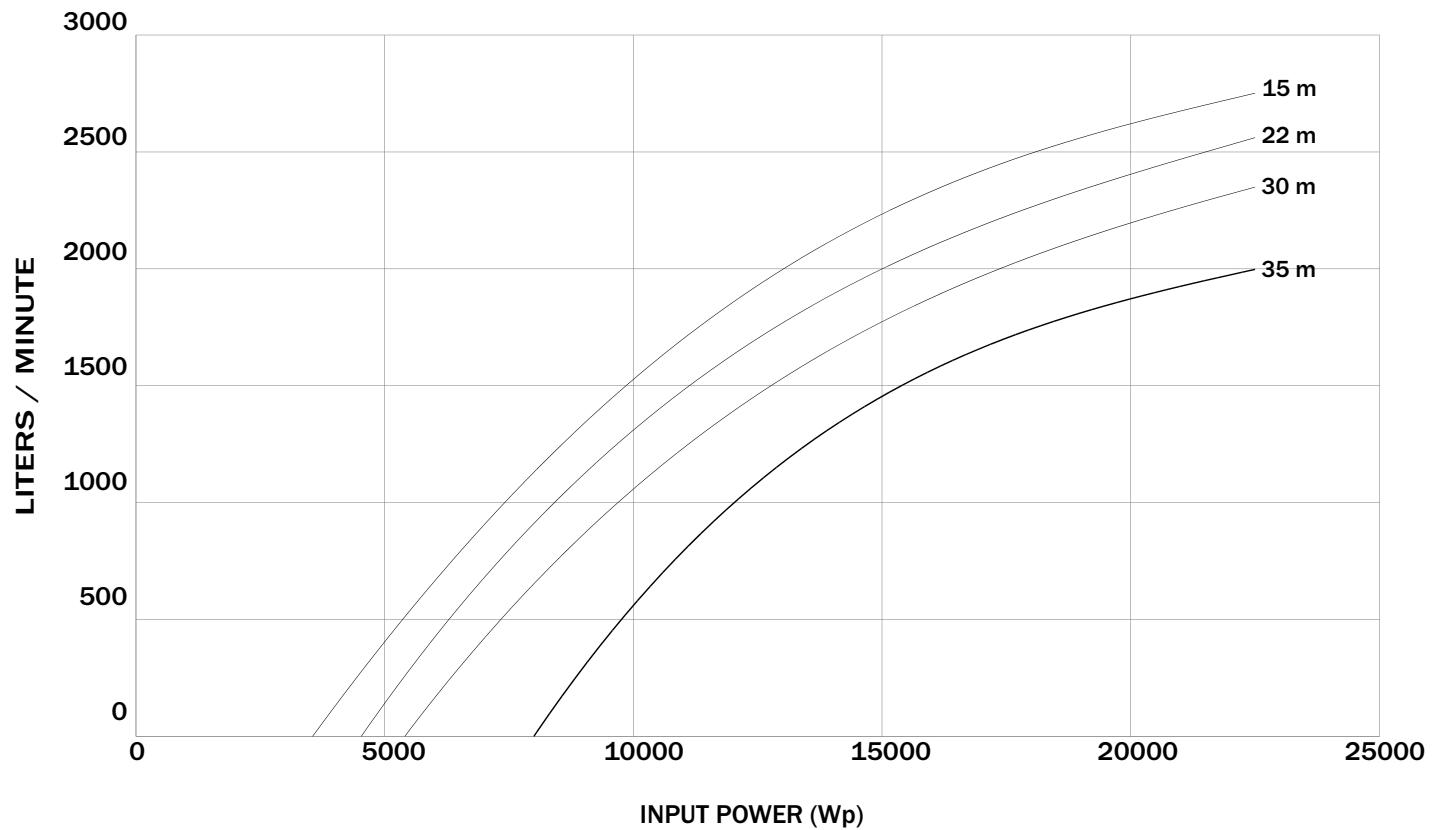
PUMP SET CODE : 9500000894

PUMP CODE : 9000018440

DISCHARGE (LPD) : 1073250

DISCHARGE (LPW) : 47.7

DUTY HEAD : 30 METER



	INPUT POWER (Wp)						
	22500	18000	13500	8000	5400	4500	3500
HEAD (m)	FLOW IN LPM						
35	1998	1743	1250	0			
30	2350	2050	1600	650	0		
22	2565	2250	1850	900	250	0	
15	2750	2500	2050	1150	500	250	0

SOLAR PUMPING SYSTEM



SOLAR 93 DCSSP 22500

BSP 100 mm (6X6)

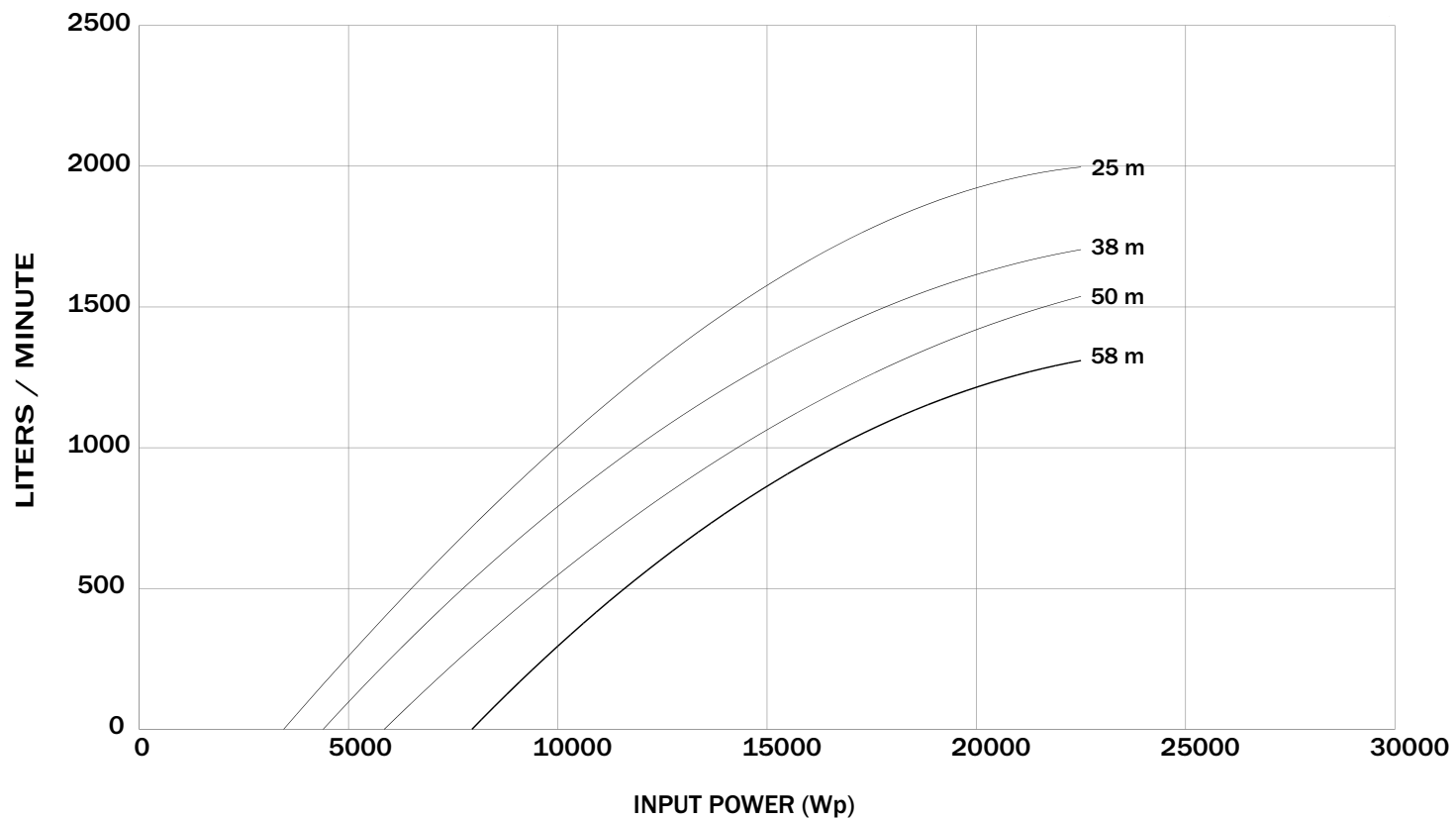
PUMP SET CODE : 9500000637

PUMP CODE : 9000032993

DISCHARGE (LPD) : 643500.0

DISCHARGE (LPW) : 28.6

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	22500	18000	14000	8000	6000	4200	3600
HEAD (m)	FLOW IN LPM						
58	1322	1063	800	0			
50	1555	1250	1000	320	0		
38	1700	1500	1250	500	230	0	
25	2000	1800	1500	700	430	160	0

SOLAR PUMPING SYSTEM



SOLAR 72 DCSSP 22500

BSP 100mm (6X6)

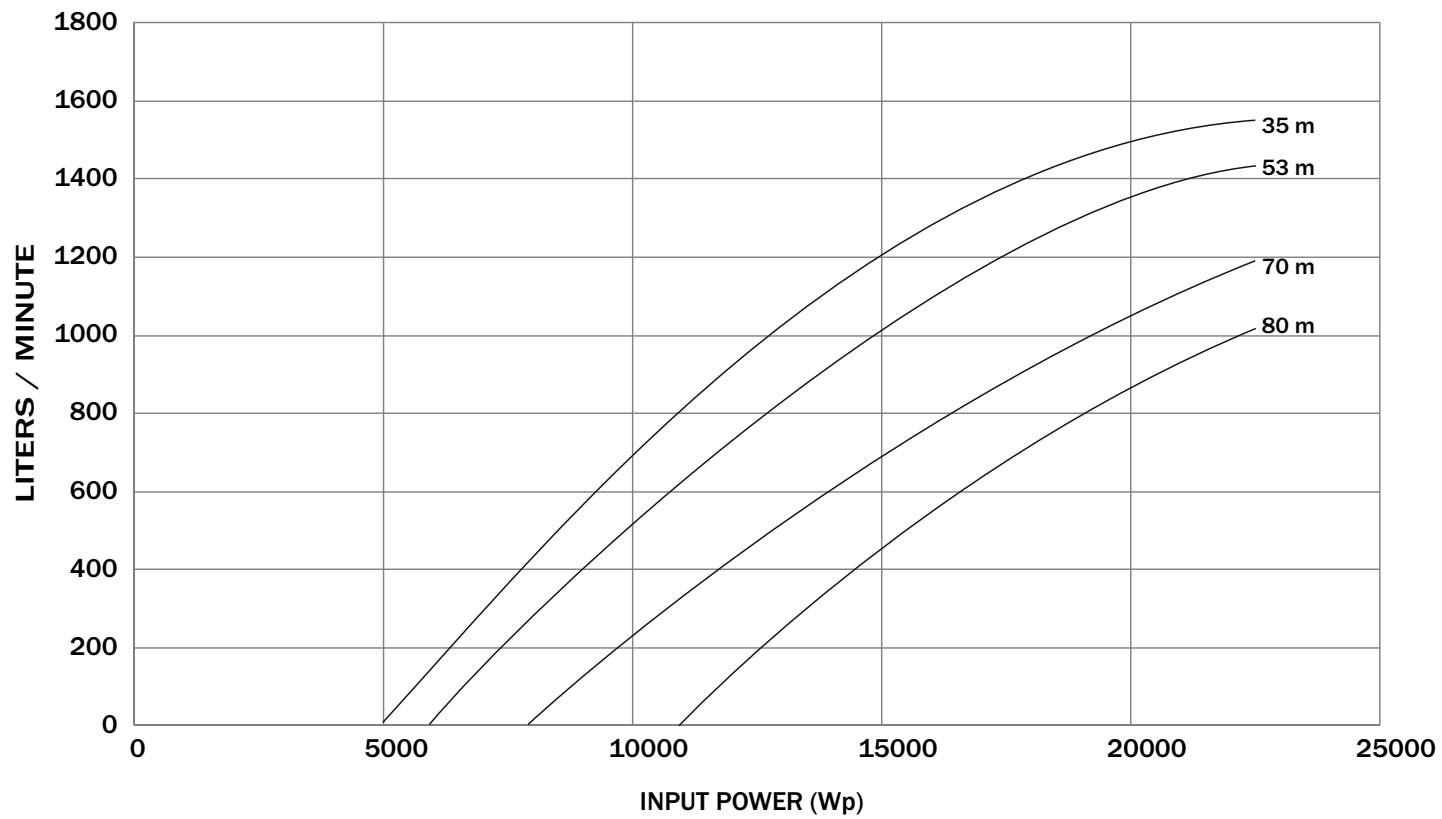
PUMP SET CODE : 9500000881

PUMP CODE : 9000029306

DISCHARGE (LPD) : 405000

DISCHARGE (LPW) : 18.0

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	22500	18000	13500	11000	8000	6000	5000
HEAD (m)	FLOW IN LPM						
80	1020	700	320	0			
70	1200	905	570	350	0		
53	1430	1250	850	600	280	0	
35	1550	1400	1050	800	420	170	0

SOLAR PUMPING SYSTEM



SOLAR 48 DCSSP 22500

BSP 75 mm (6X6)

PUMP SET CODE : 9500001748

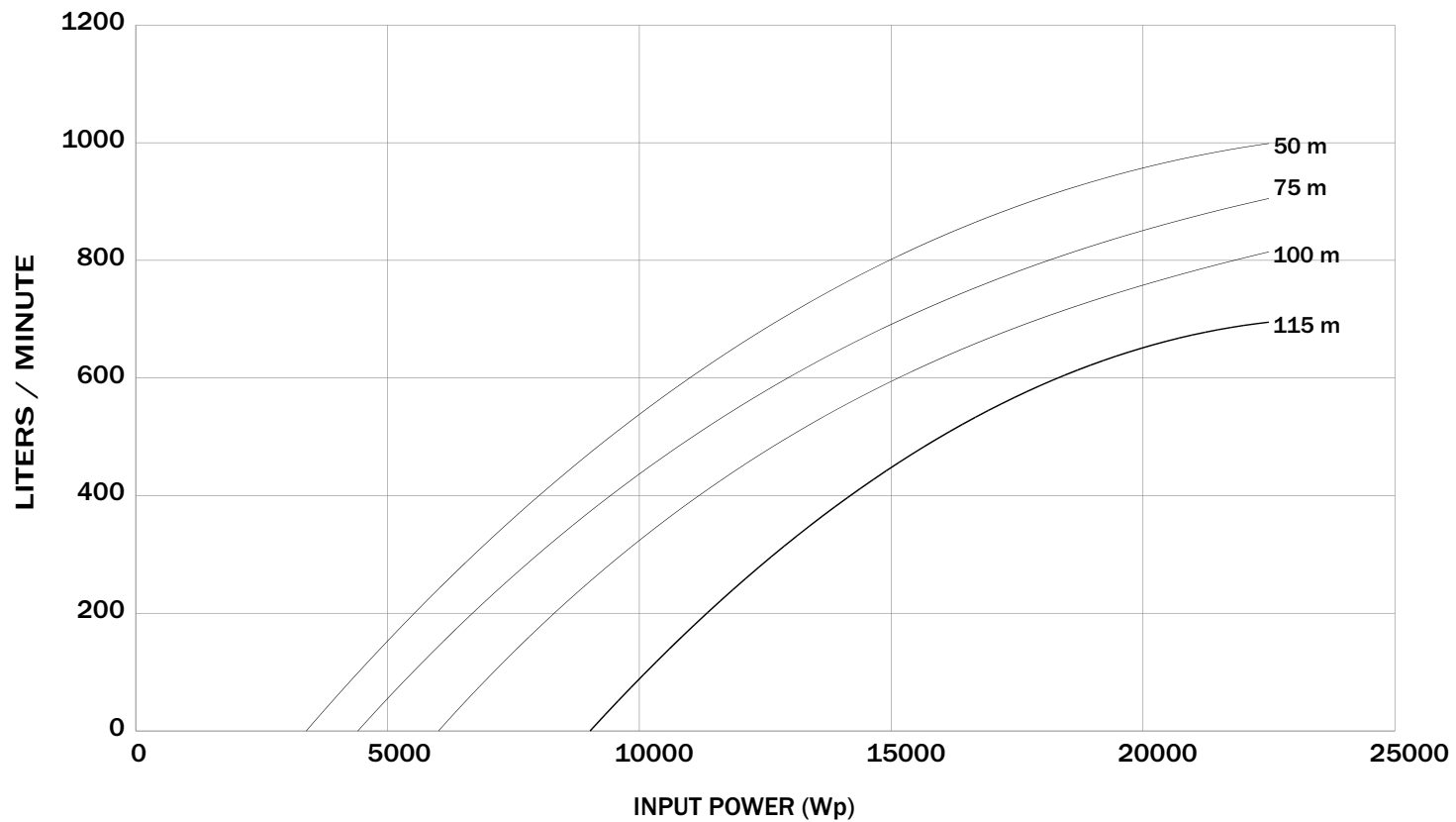
PUMP CODE : 9000029188

DISCHARGE (LPD) : 351000

DISCHARGE (LPW) : 15.6

DUTY HEAD : 100 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	18000	13500	9000	6000	4500	3500
HEAD (m)	FLOW IN LPM						
115	693	595	350	0			
100	815	700	530	250	0		
75	905	796	630	360	160	0	
50	1000	900	750	450	250	120	0

SOLAR PUMPING SYSTEM



SOLAR 42 DCSSP 22500

BSP 75 mm (6X6)

PUMP SET CODE : 9500002193

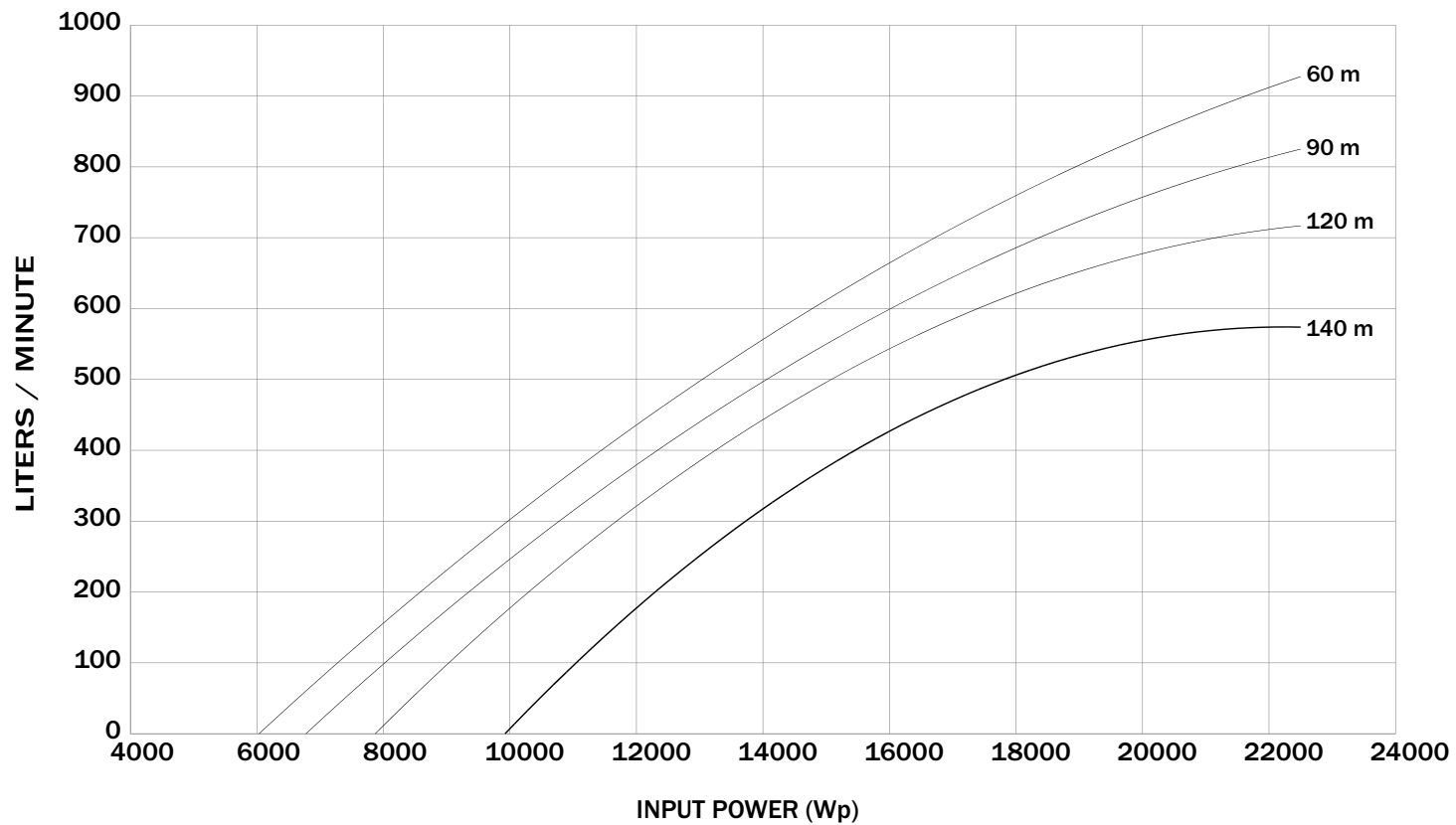
PUMP CODE : 9000032994

DISCHARGE (LPD) : 254250.0

DISCHARGE (LPW) : 11.3

DUTY HEAD : 120 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	16000	12000	10000	8000	6800	6000
HEAD (m)	FLOW IN LPM						
140	575	420	190	0			
120	720	530	330	190	0		
90	825	600	375	250	100	0	
60	925	675	425	300	160	60	0

SOLAR PUMPING SYSTEM



SOLAR 35 DCSSP 22500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002194

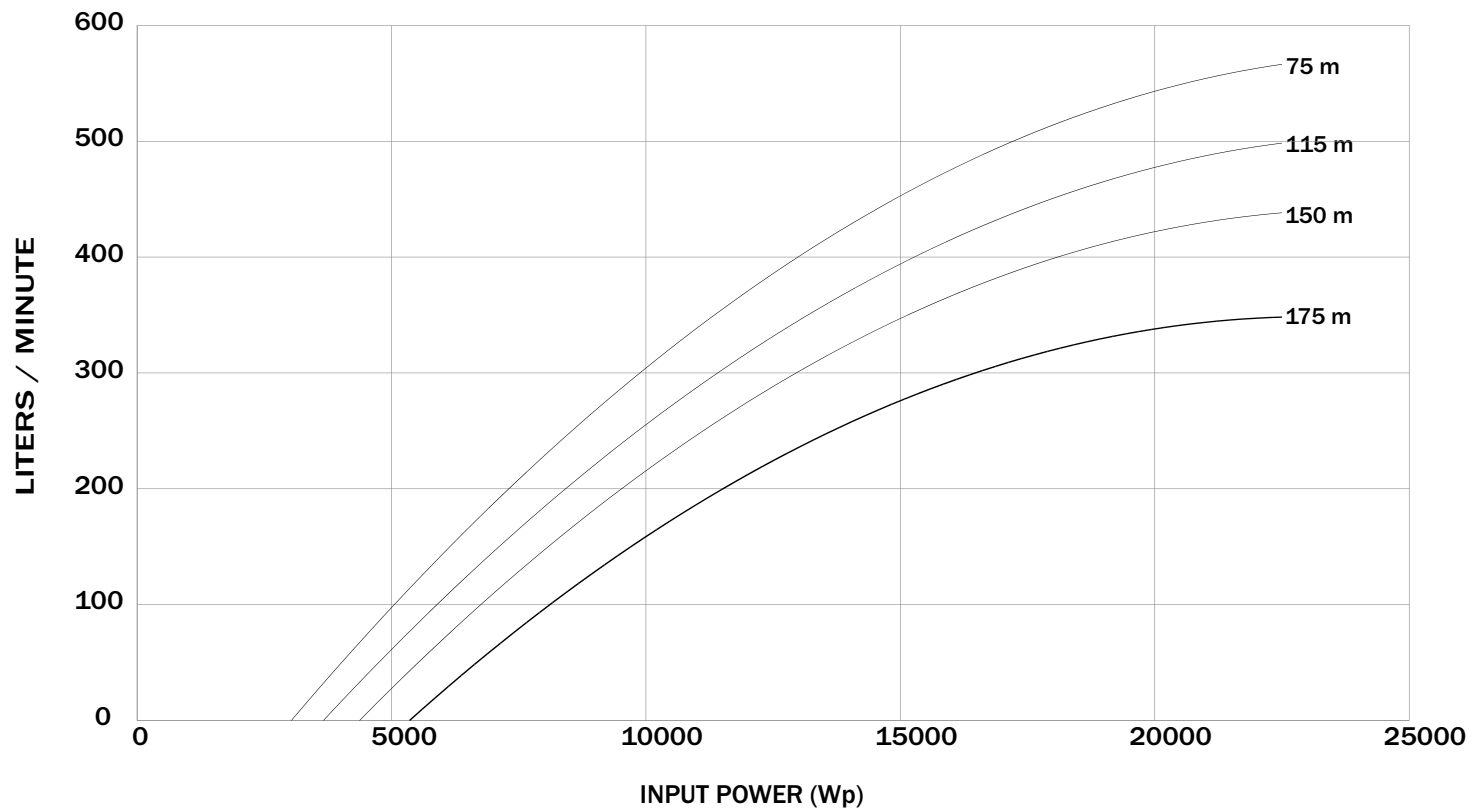
PUMP CODE : 9000032995

DISCHARGE (LPD) : 209250.0

DISCHARGE (LPW) : 9.3

DUTY HEAD : 150 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	16000	12000	5400	4500	3800	3300
HEAD (m)	FLOW IN LPM						
175	350	285	220	0			
150	440	360	280	50	0		
115	500	410	320	85	40	0	
75	570	465	375	125	80	40	0

SOLAR PUMPING SYSTEM



SOLAR 25 DCSSP 22500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002195

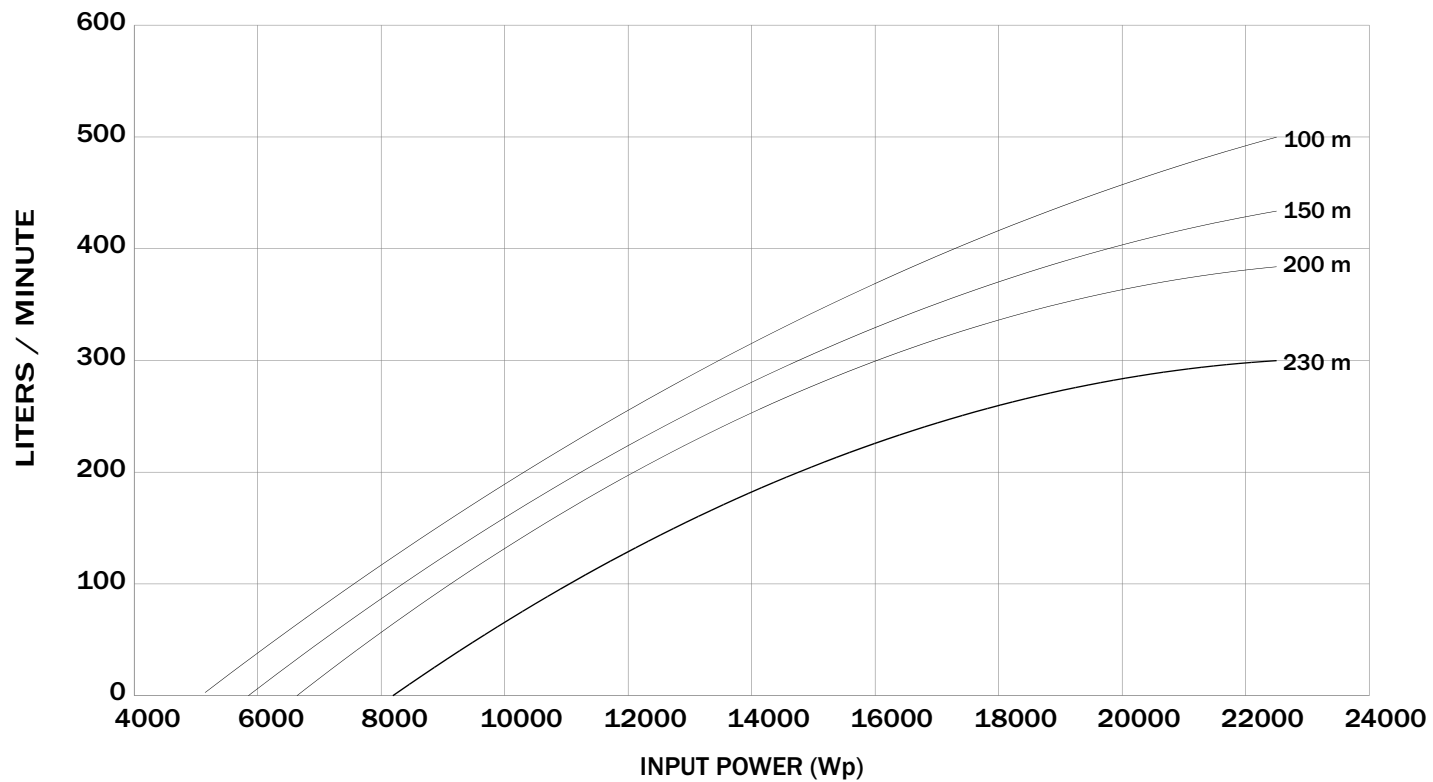
PUMP CODE : 9000032996

DISCHARGE (LPD) : 150750.0

DISCHARGE (LPW) : 6.7

DUTY HEAD : 200 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	16000	12000	8200	6750	6000	5200
HEAD (m)	FLOW IN LPM						
230	300	225	130	0			
200	385	295	200	70	0		
150	435	325	225	100	40	0	
100	500	370	250	130	70	40	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 22500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002196

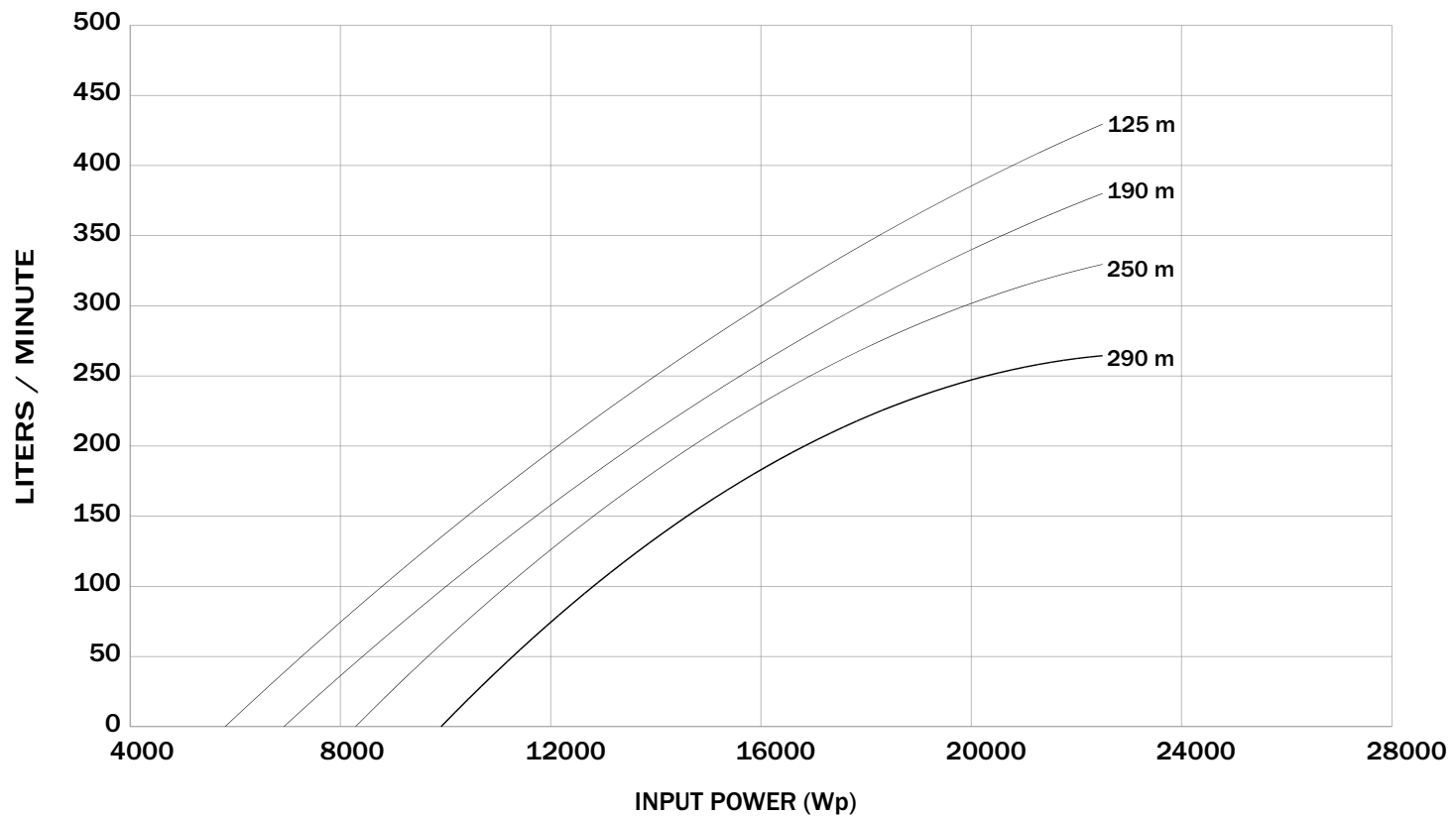
PUMP CODE : 9000029186

DISCHARGE (LPD) : 110250.0

DISCHARGE (LPW) : 4.9

DUTY HEAD : 250 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	16000	12000	10000	8300	7000	6000
HEAD (m)	FLOW IN LPM						
290	265	180	80	0			
250	330	228	130	60	0		
190	380	260	155	100	50	0	
125	430	300	190	140	90	45	0

SOLAR PUMPING SYSTEM



SOLAR 16 DCSSP 22500

BSP 50 mm (6X6)

PUMP SET CODE : 9500002285

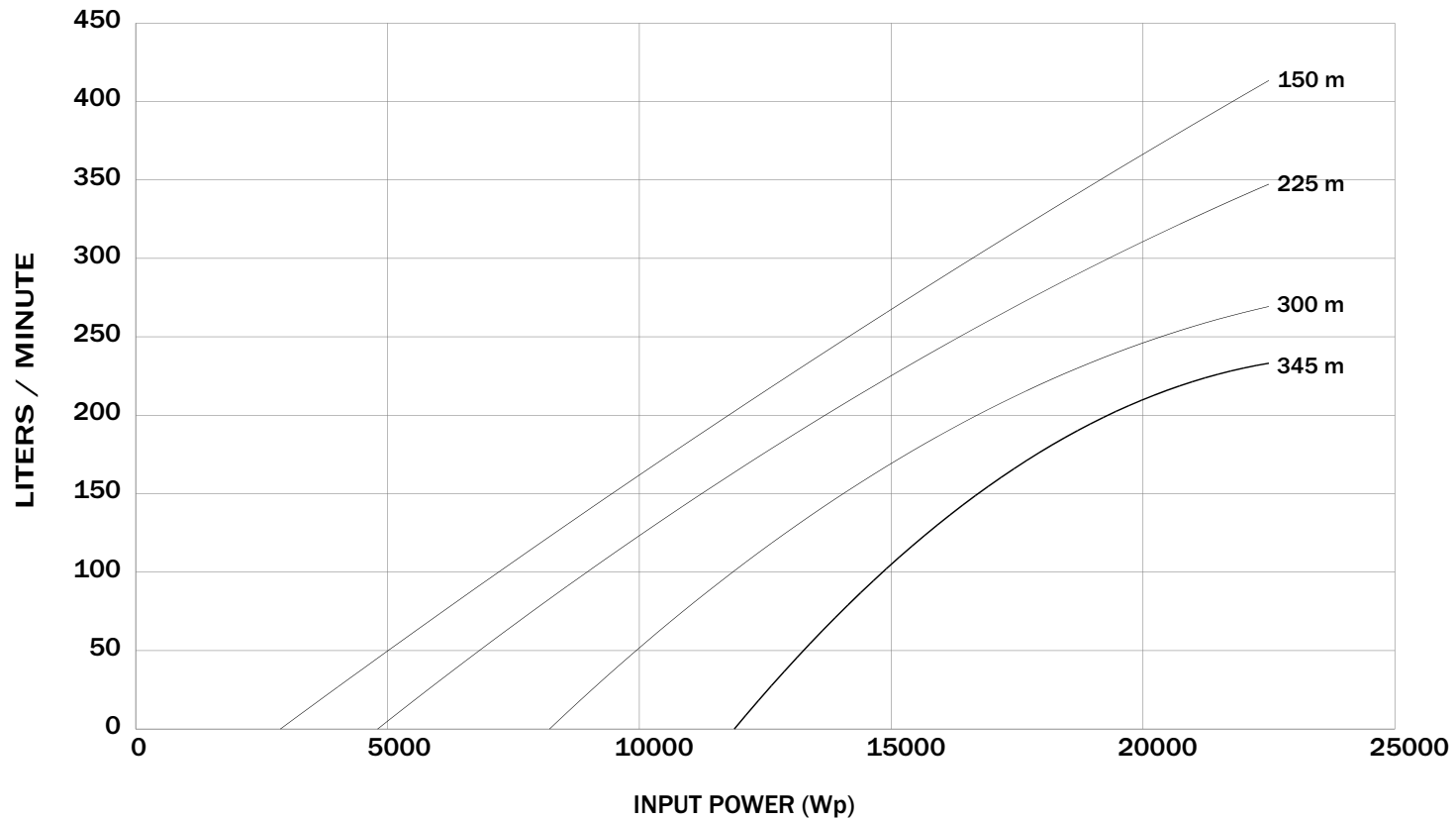
PUMP CODE : 9000032997

DISCHARGE (LPD) : 87750.0

DISCHARGE (LPW) : 3.9

DUTY HEAD : 300 METER

CHOK CODE : 9000023926



	INPUT POWER (Wp)						
	22500	18000	14500	12000	8200	5000	3000
HEAD (m)	FLOW IN LPM						
345	235	170	100	0			
300	270	217	165	100	0		
225	350	275	210	170	90	0	
150	418	320	250	215	125	50	0

SOLAR PUMPING SYSTEM



SOLAR 121 DCSSP 27000

BSP 100 mm (6X8)

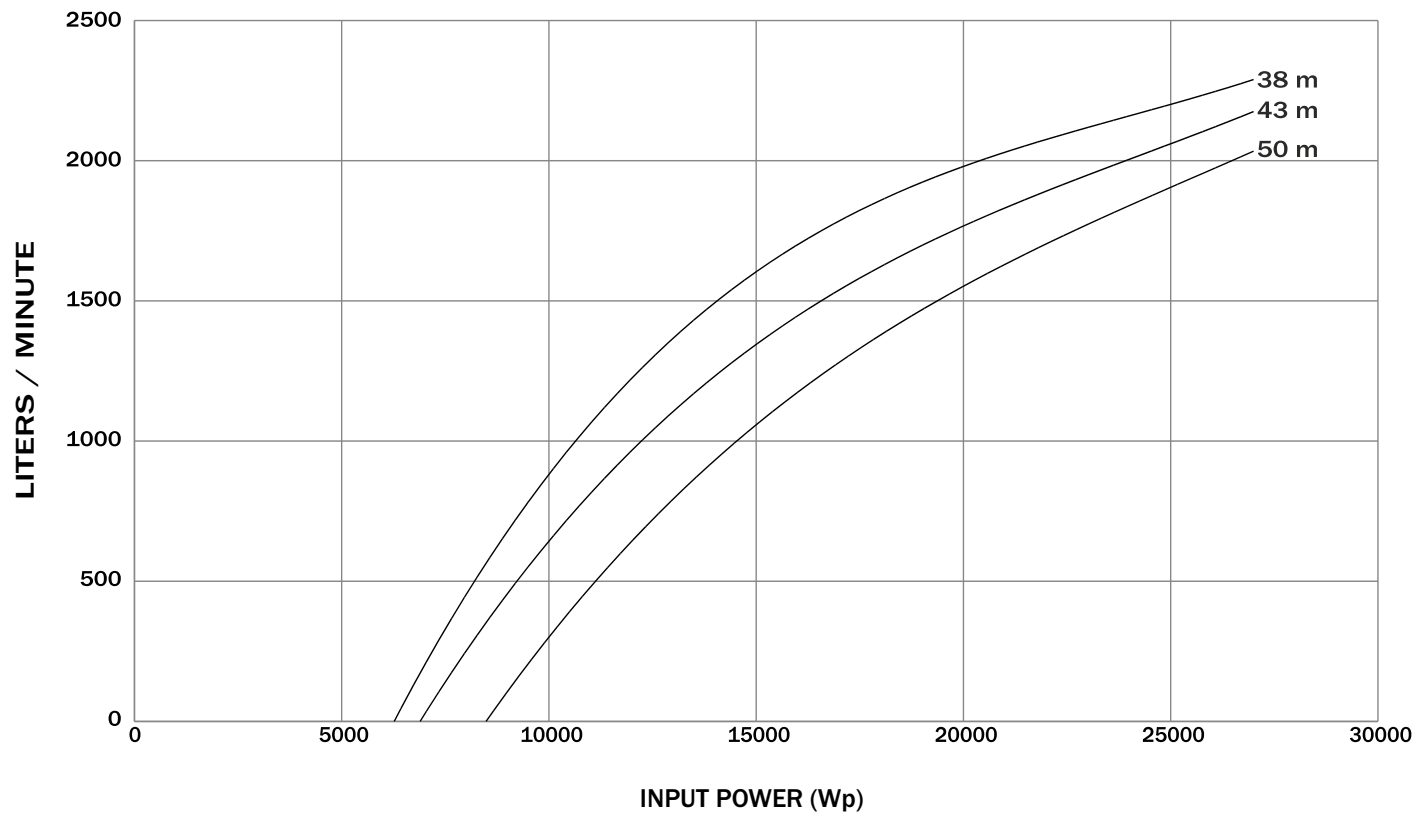
PUMPSET CODE : 9500000893

PUMP CODE : 9000029280

DISCHARGE (LPD) : 769500

DISCHARGE (LPW) : 28.5

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	27000	22140	14210	10440	8620	6850	6170
HEAD (m)	FLOW IN LPM						
50	2030	1725	925	435	0		
43	2175	1900	1250	745	350	0	
38	2290	2080	1520	960	610	120	0

SOLAR PUMPING SYSTEM



SOLAR 84 DCSSP 27000

BSP 100 mm (6X6)

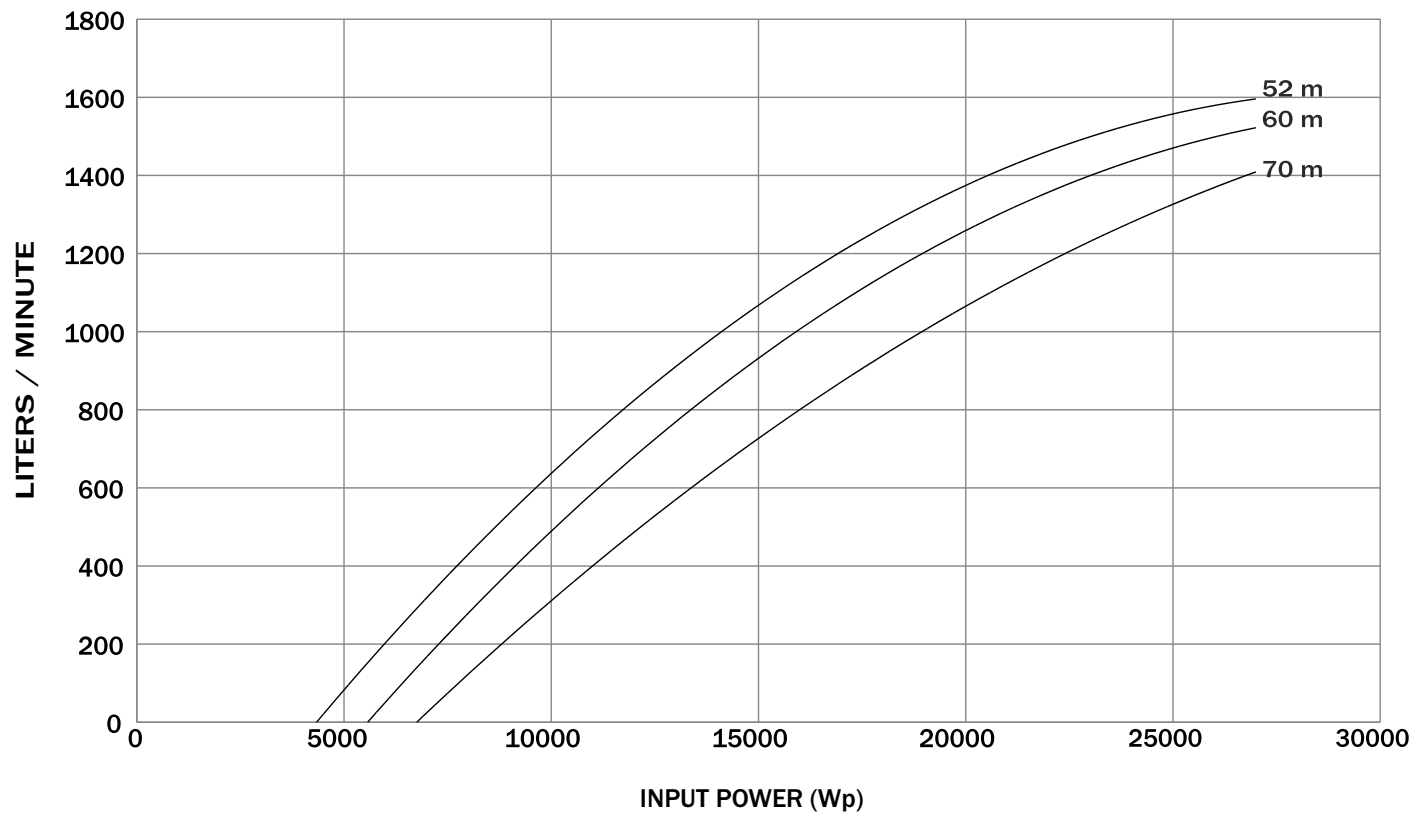
PUMPSET CODE : 9500000889

PUMP CODE : 9000028459

DISCHARGE (LPD) : 526500

DISCHARGE (LPW) : 19.5

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	27000	21550	16200	8050	6700	5800	4800
HEAD (m)	FLOW IN LPM						
70	1410	1150	820	120	0		
60	1530	1320	1025	300	150	0	
52	1615	1410	1150	470	310	195	0

SOLAR PUMPING SYSTEM



SOLAR 64.5 DCSSP 27000

BSP 100 mm (6X6)

PUMPSET CODE : 9500001720

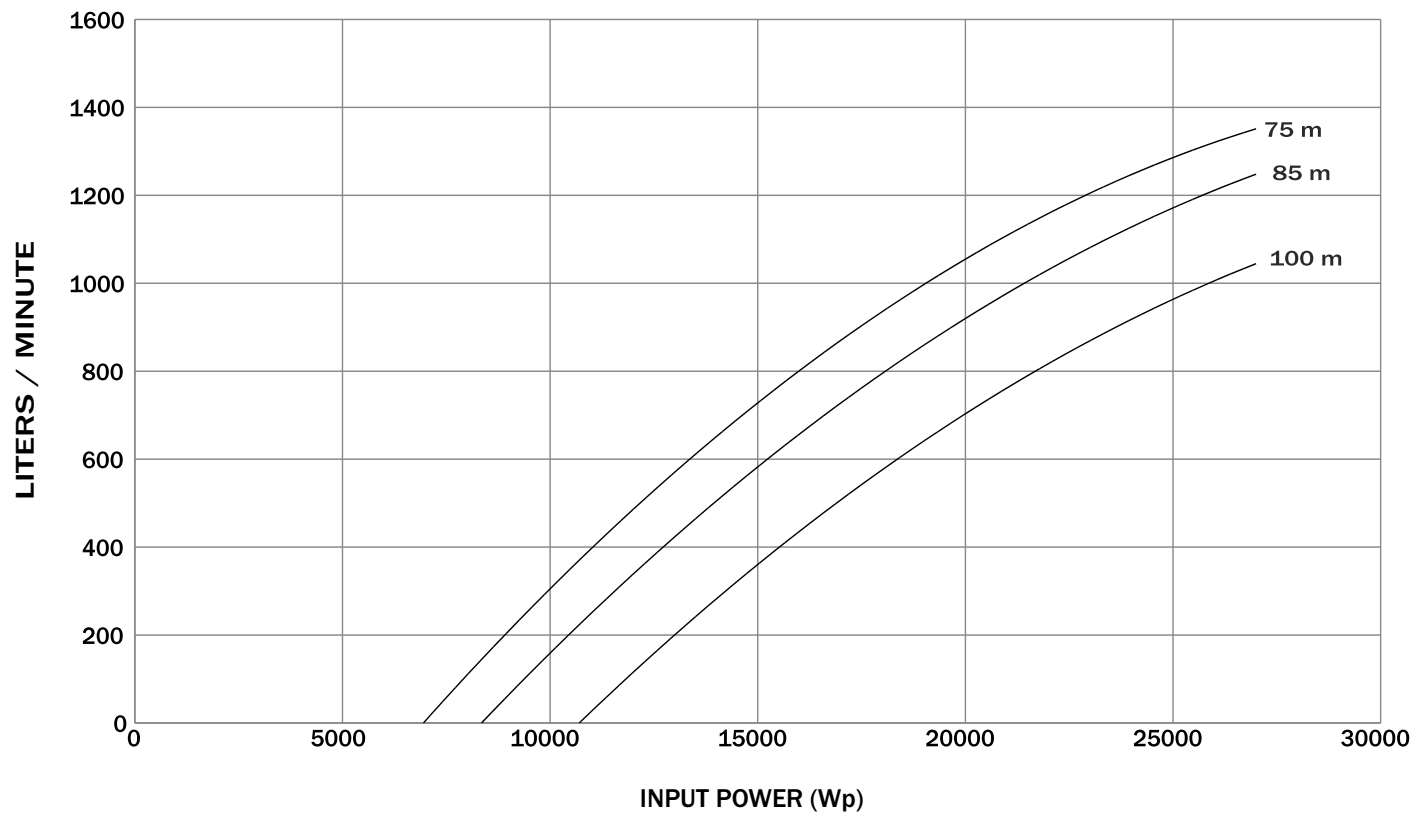
PUMP CODE : 9000027998

DISCHARGE (LPD) : 337500

DISCHARGE (LPW) : 12.5

DUTY HEAD : 100 METER

CHOKE CODE : 9000025819



	INPUT POWER (Wp)						
	27000	21600	16200	13500	10800	8500	7000
HEAD (m)	FLOW IN LPM						
100	1050	780	460	250	0		
85	1250	1010	650	480	250	0	
75	1355	1135	800	620	400	150	0

SOLAR PUMPING SYSTEM



SOLAR 60 DCSSP 27000

BSP 75 mm (6X6)

PUMPSET CODE : 9500000877

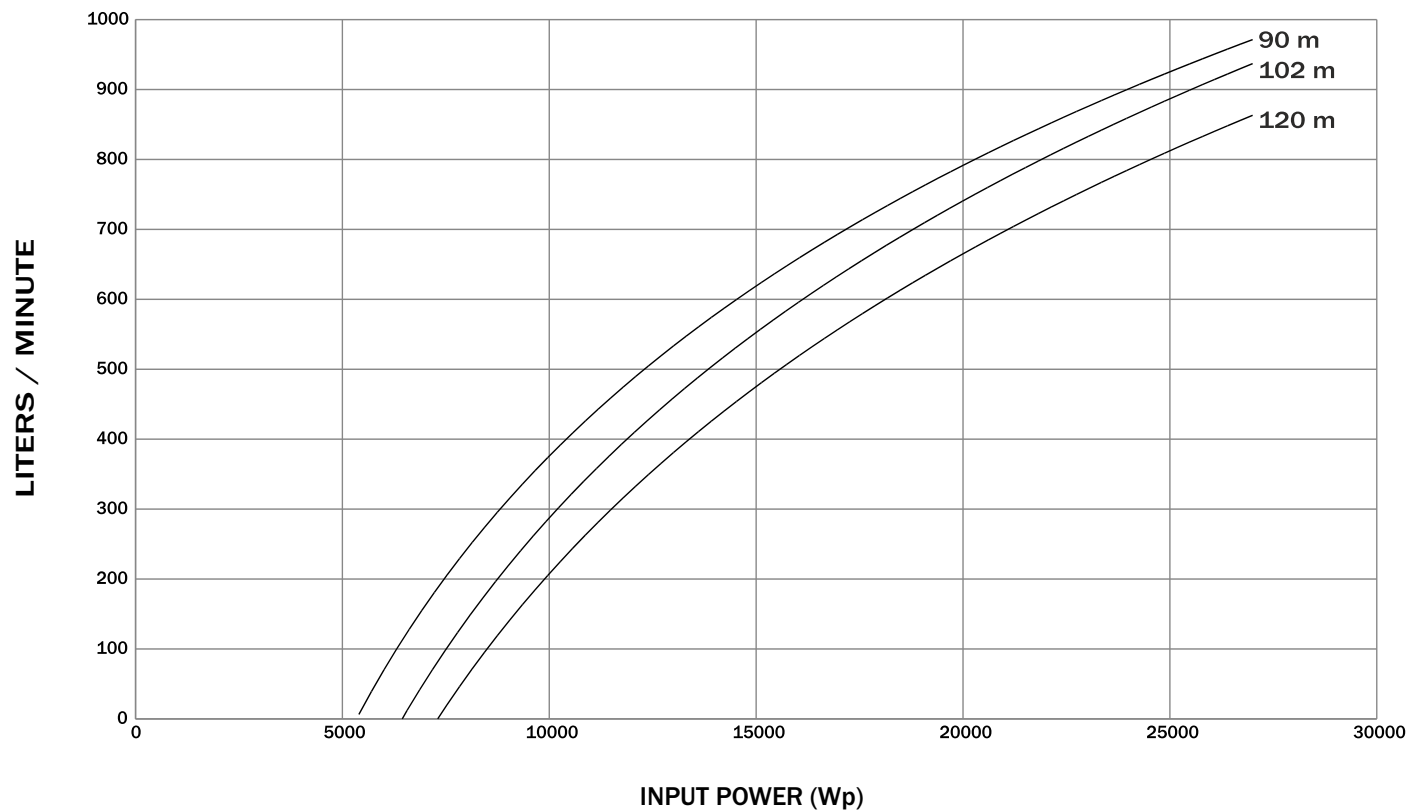
PUMP CODE : 9000032998

DISCHARGE (LPD) : 351000

DISCHARGE (LPW) : 13

DUTY HEAD : 120 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	27000	21550	16200	10800	7600	6800	6000
HEAD (m)	FLOW IN LPM						
120	850	713	535	290	0		
102	910	785	625	390	100	0	
90	950	830	680	455	210	195	0

SOLAR PUMPING SYSTEM



SOLAR 43 DCSSP 27000

BSP 75 mm (6X6)

PUMPSET CODE : 9500001717

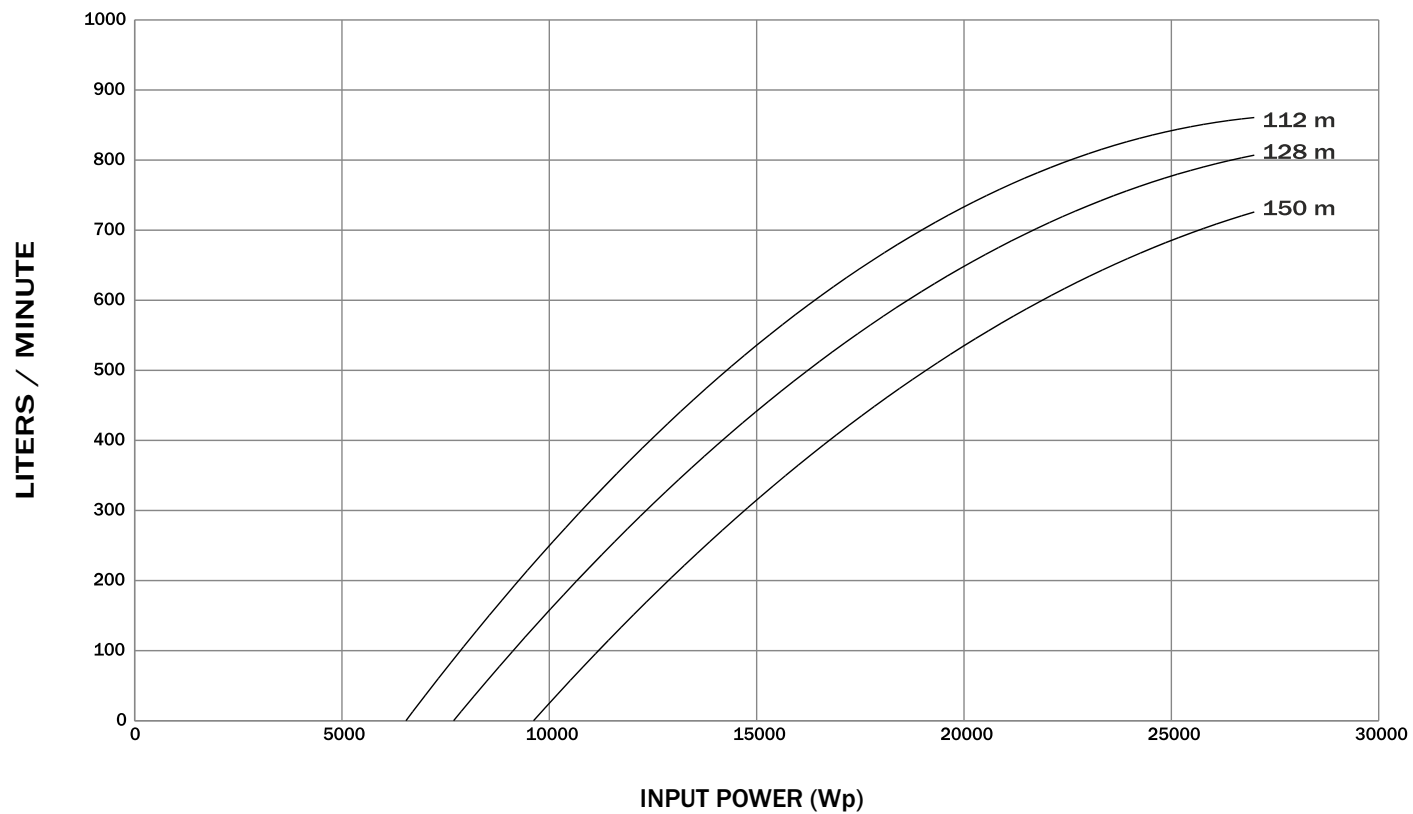
PUMP CODE : 9000032999

DISCHARGE (LPD) : 270000

DISCHARGE (LPW) : 10

DUTY HEAD : 150 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	27000	21550	16150	10700	9450	8000	7200
HEAD (m)	FLOW IN LPM						
150	730	575	390	50	0		
128	815	680	495	230	125	0	
112	875	750	580	335	220	135	0

SOLAR PUMPING SYSTEM



SOLAR 26 DCSSP 27000

BSP 50 mm (6X6)

PUMPSET CODE : 9500002414

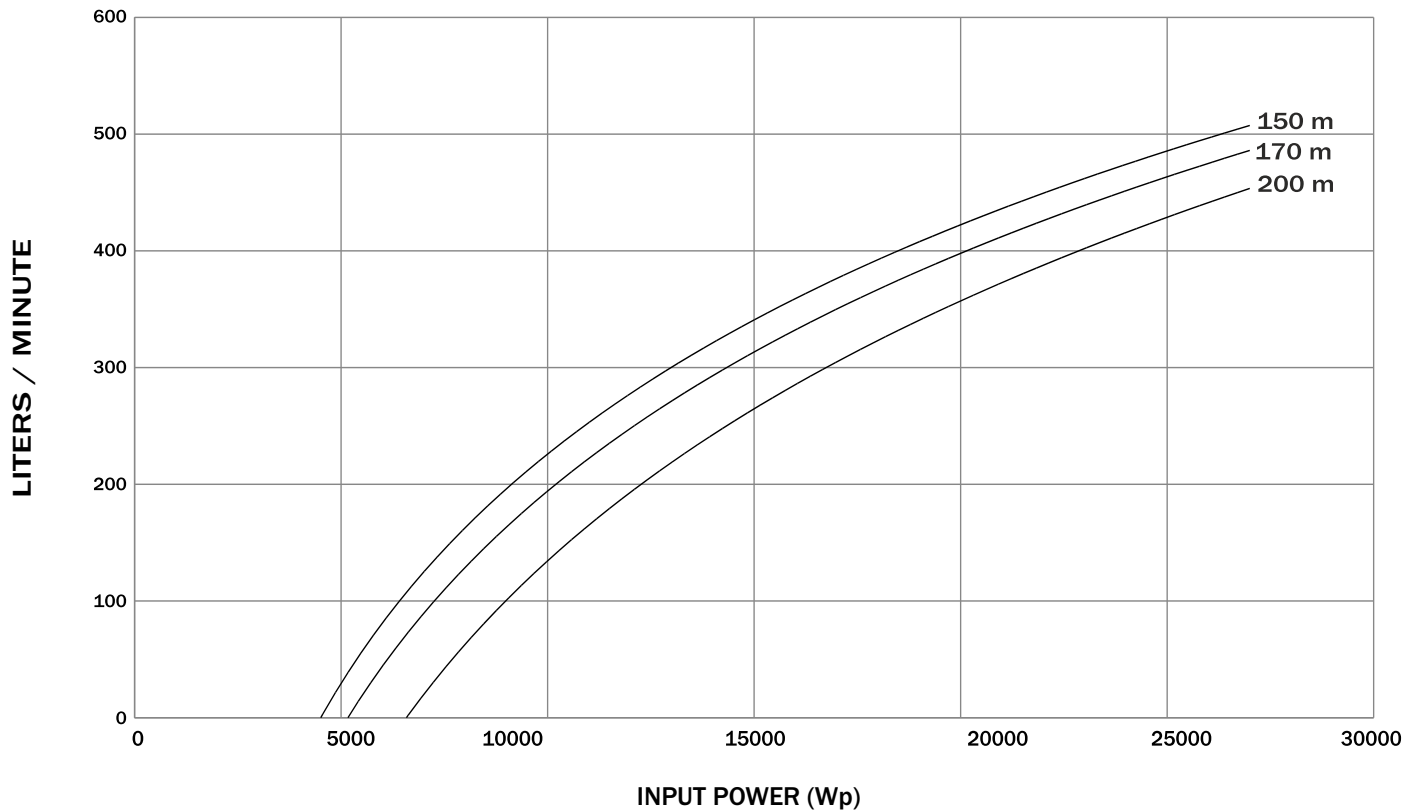
PUMP CODE : 9000033000

DISCHARGE (LPD) : 202500

DISCHARGE (LPW) : 7.5

DUTY HEAD : 200 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	27000	20350	14100	9900	6750	5550	4750
HEAD (m)	FLOW IN LPM						
200	445	365	255	135	0		
170	475	400	310	200	90	0	
150	495	420	350	224	120	60	0

SOLAR PUMPING SYSTEM



SOLAR 23 DCSSP 27000

BSP 50 mm (6X6)

PUMPSET CODE : 9500000861

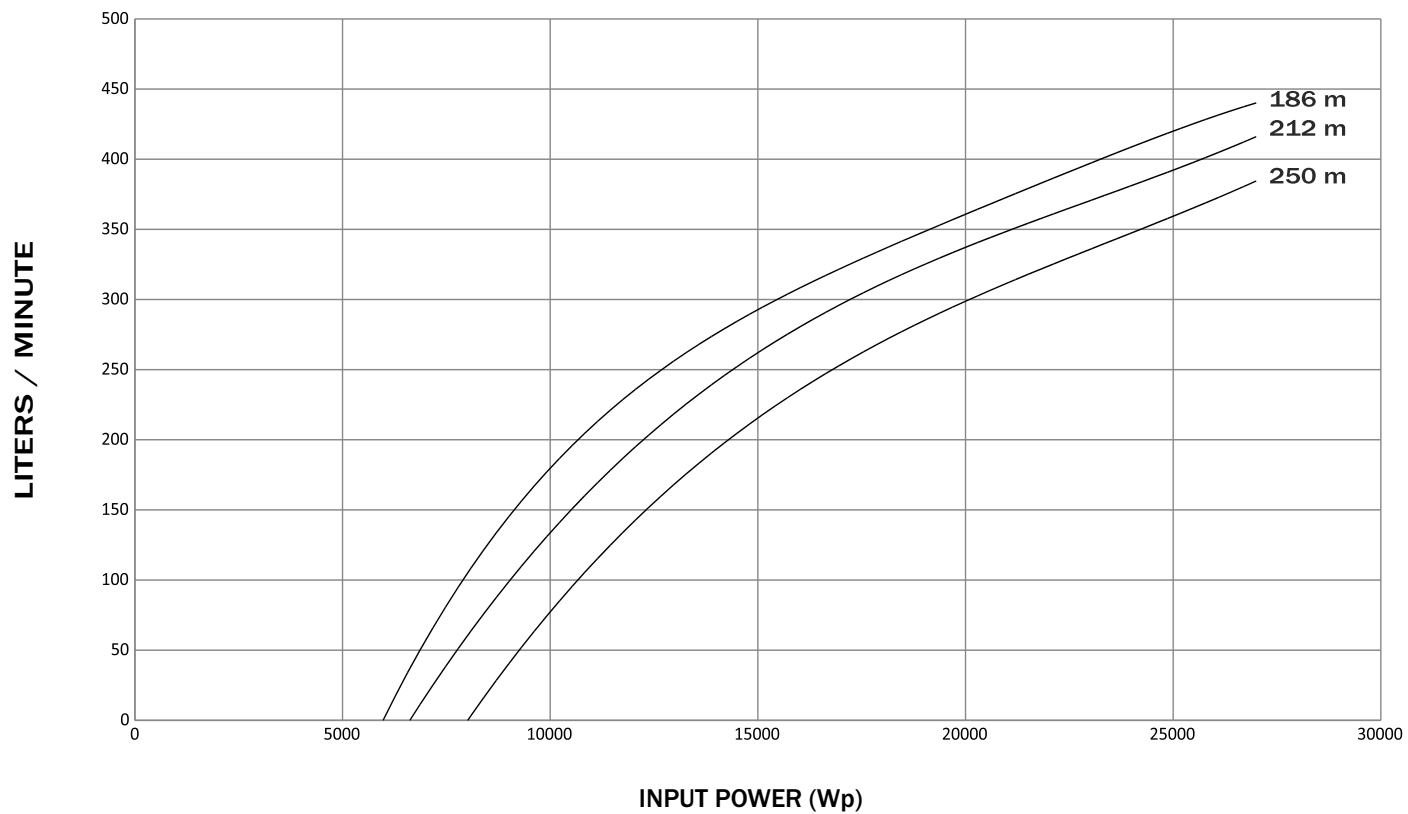
PUMP CODE : 9000033001

DISCHARGE (LPD) : 162000

DISCHARGE (LPW) : 6

DUTY HEAD : 250 METER

CHOKE CODE : 9000025821



	INPUT POWER (Wp)						
	27000	21600	16200	10750	8050	6500	6000
HEAD (m)	FLOW IN LPM						
250	384	321	236	106	0		
212	416	356	281	166	50	0	
186	440	381	309	207	100	35	0

SOLAR PUMPING SYSTEM



SOLAR 20 DCSSP 27000

BSP 50 mm (6X6)

PUMPSET CODE : 9500002165

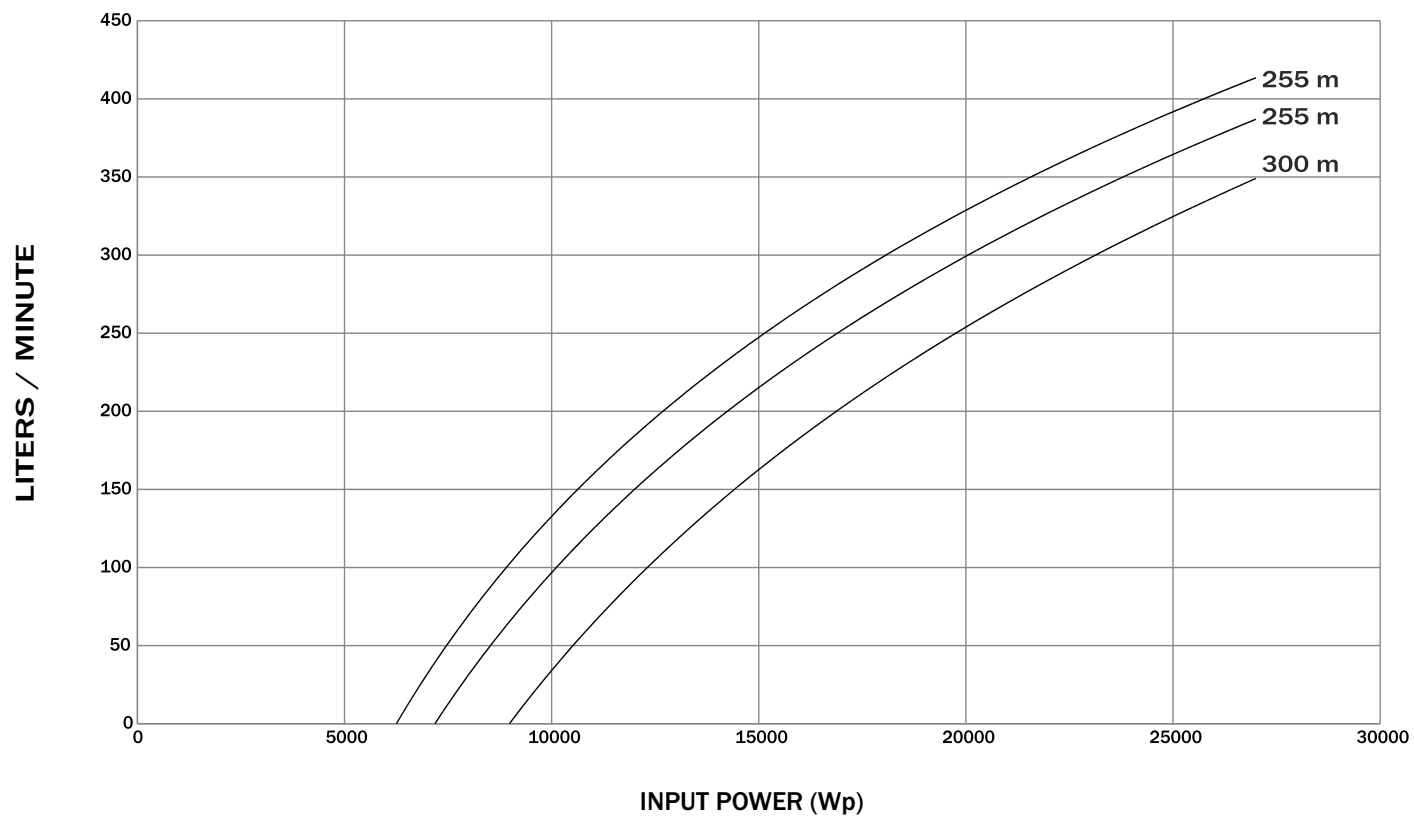
PUMP CODE : 9000029284

DISCHARGE (LPD) : 121500

DISCHARGE (LPW) : 4.5

DUTY HEAD : 300 METER

CHOKE CODE : 9000025821



	INPUT POWER (Wp)						
	27000	19250	15000	13400	9350	7400	6400
HEAD (m)	FLOW IN LPM						
300	343	240	165	145	0		
255	382	280	235	181	80	0	
225	401	317	264	220	120	40	0

SOLAR PUMPING SYSTEM



SOLAR 14 DCSSP 27000

BSP 50mm (6X6)

PUMPSET CODE : 9500002262

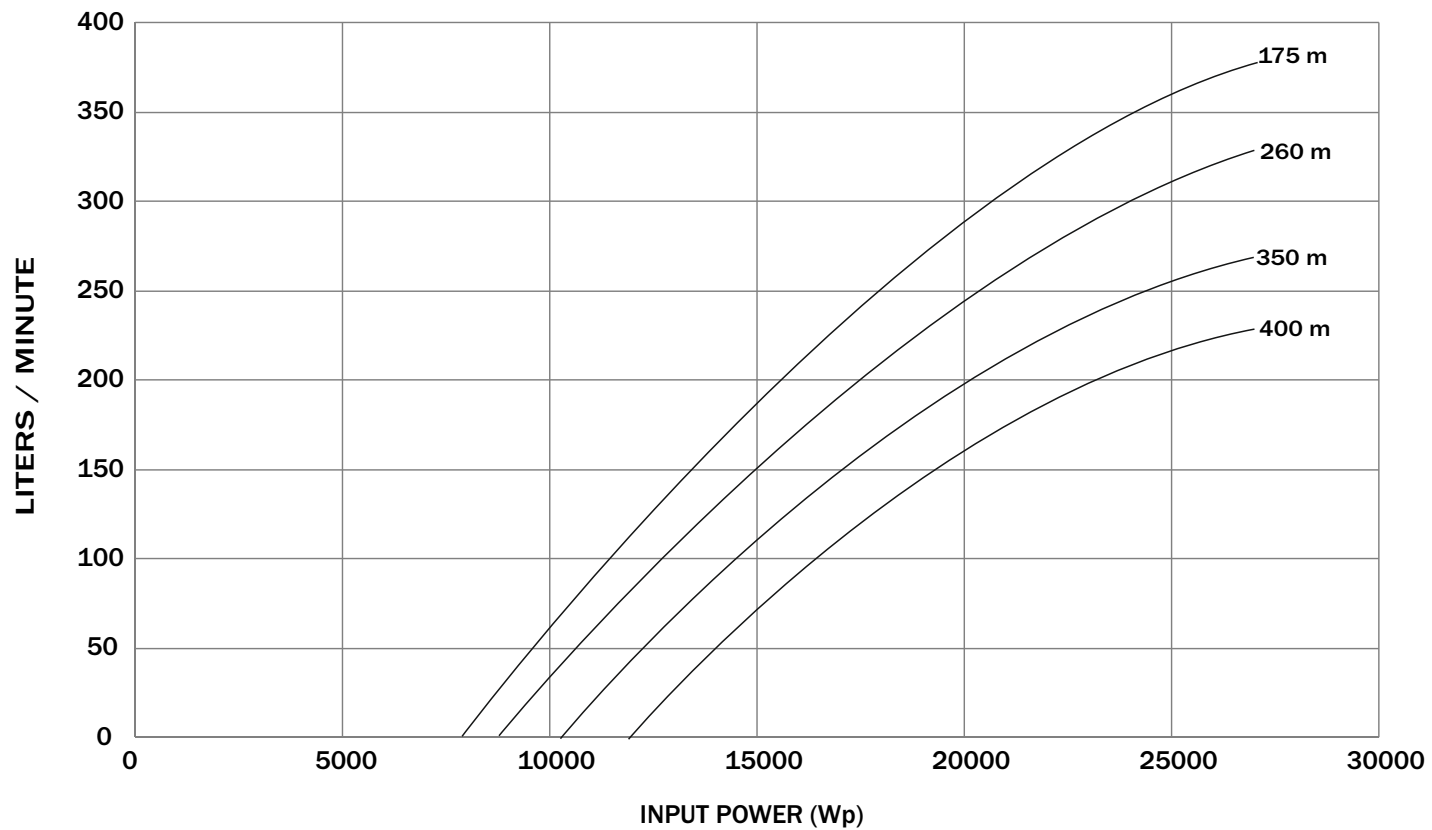
PUMP CODE : 9000031066

DISCHARGE (LPD) : 93150

DISCHARGE (LPW) : 3.5

DUTY HEAD : 350 METER

CHOKE CODE : 9000025821



	INPUT POWER (Wp)						
	27000	22000	16000	12000	10500	9000	8000
HEAD (m)	FLOW IN LPM						
400	230	187	92	0			
350	270	220	132	47	0		
260	330	270	170	90	50	0	
175	380	320	207	120	80	35	0

SOLAR PUMPING SYSTEM



SOLAR 139 DCSSP 36000

BSP 100 mm (8X8)

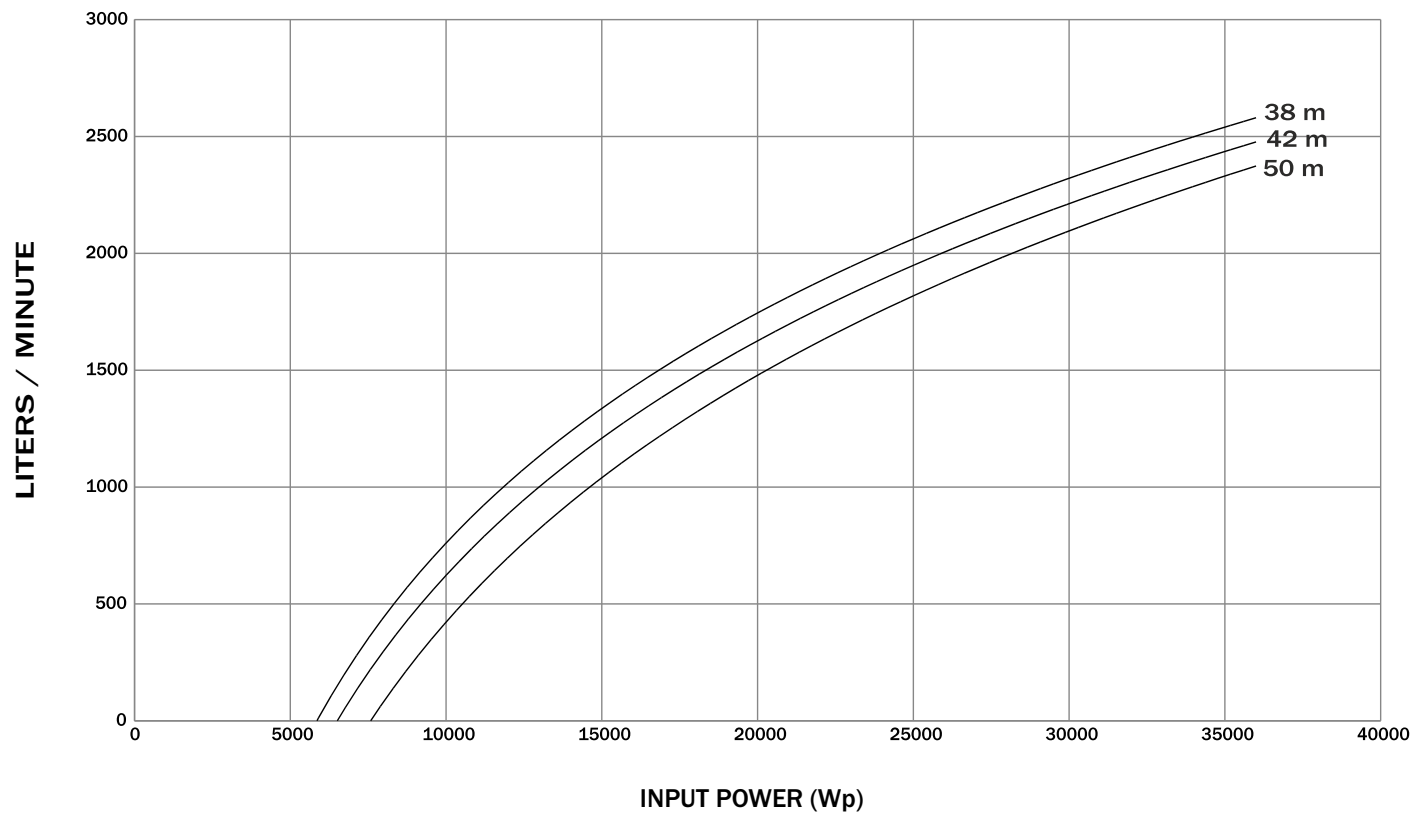
PUMPSET CODE : 9500000670

PUMP CODE : 9000029281

DISCHARGE (LPD) : 1044000

DISCHARGE (LPW) : 29

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	36000	28000	17350	11550	7900	6600	6000
HEAD (m)	FLOW IN LPM						
50	2320	2010	1310	690	0		
42	2455	2100	1450	885	250	0	
38	2510	2240	1600	1020	450	120	0

SOLAR PUMPING SYSTEM



SOLAR 119 DCSSP 36000

BSP 100 mm (8X8)

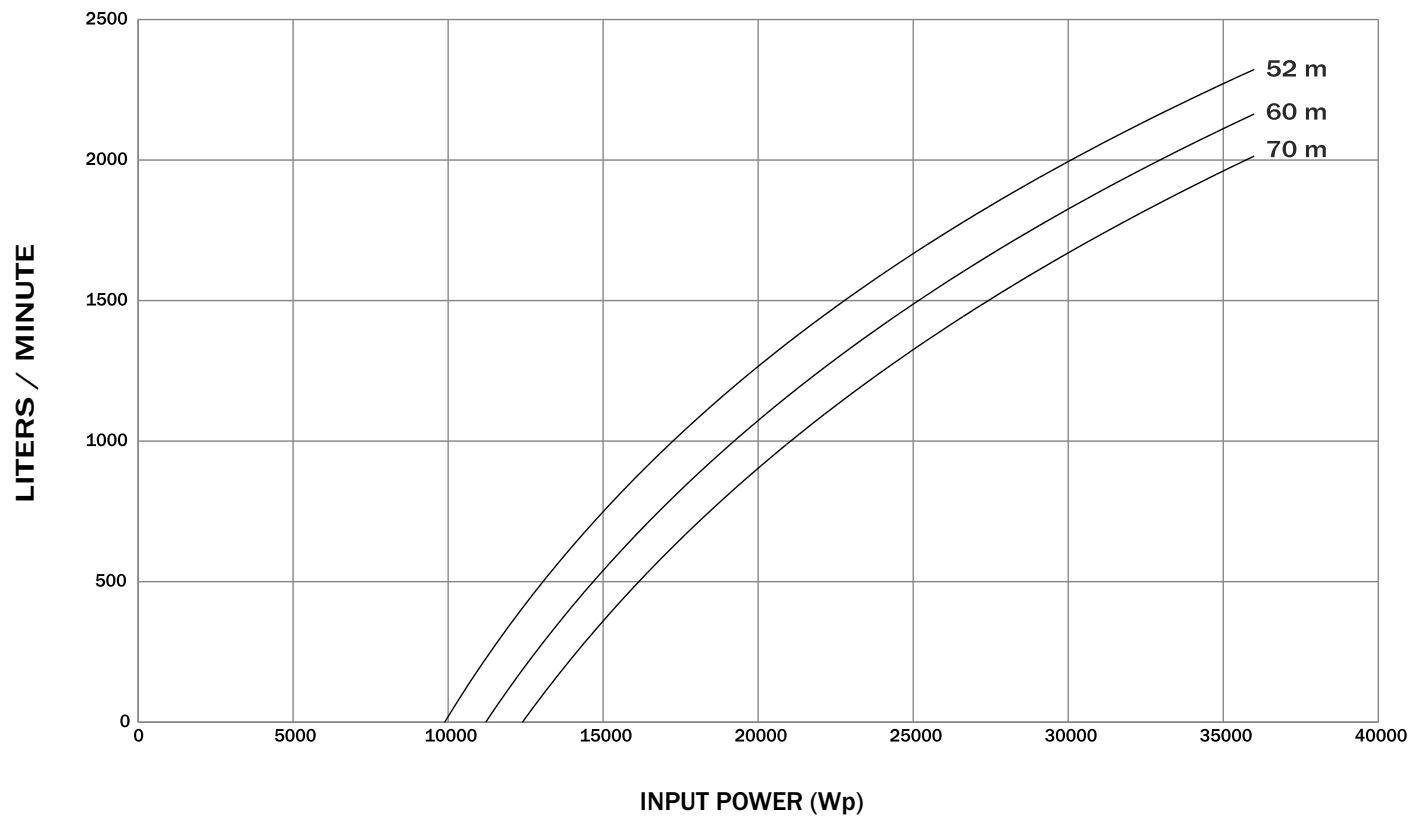
PUMPSET CODE : 9500000664

PUMP CODE : 9000033002

DISCHARGE (LPD) : 720000

DISCHARGE (LPW) : 20

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	36000	33100	24050	17400	12650	11000	10000
HEAD (m)	FLOW IN LPM						
70	1990	1870	1240	700	0		
60	2190	1950	1450	850	150	0	
52	2310	2100	1700	1000	570	80	0

SOLAR PUMPING SYSTEM



SOLAR 84 DCSSP 36000

BSP 100 mm (8X6)

PUMPSET CODE : 9500000657

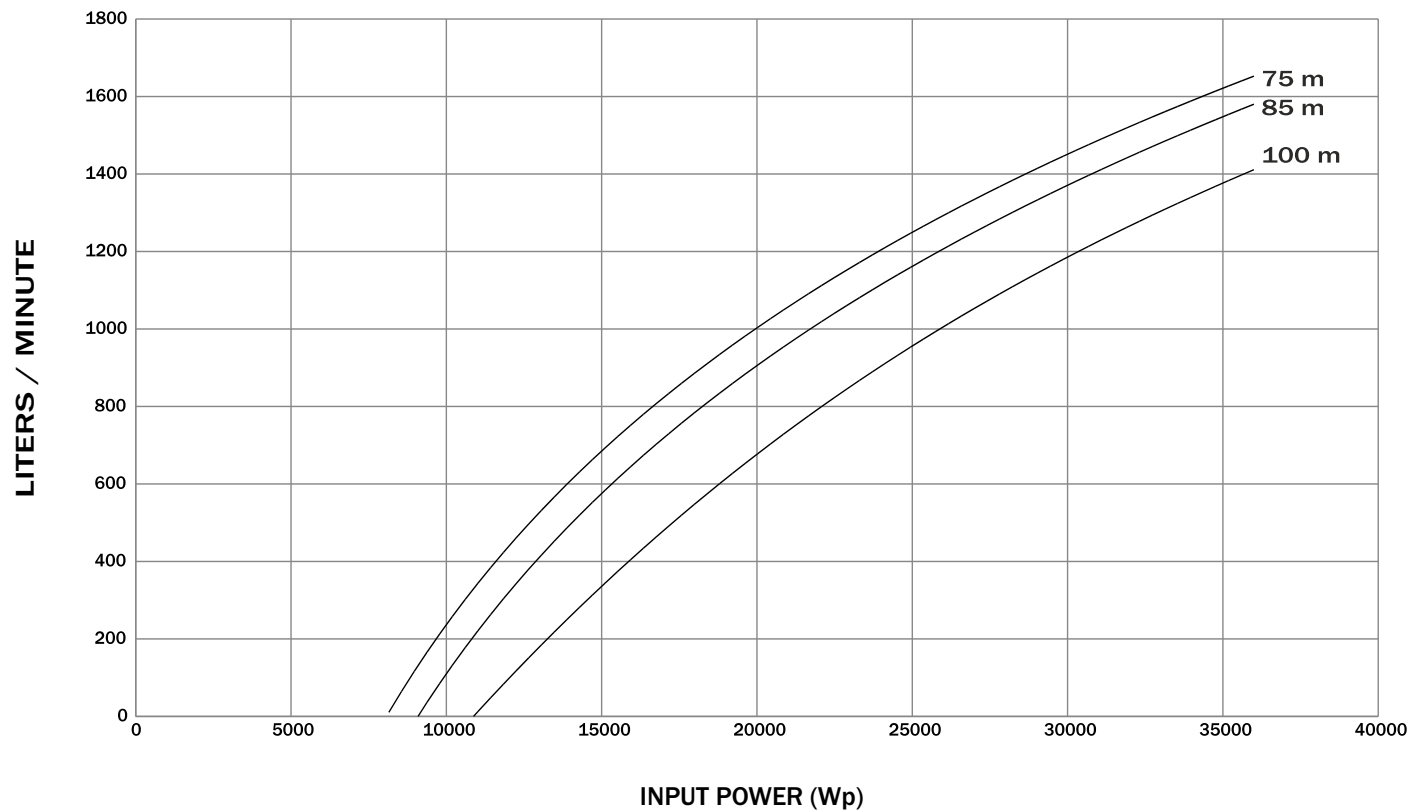
PUMP CODE : 9000030778

DISCHARGE (LPD) : 540000

DISCHARGE (LPW) : 15

DUTY HEAD : 100 METER

CHOKE CODE : 9000025819



	INPUT POWER (Wp)						
	36000	28600	20600	17050	10900	9200	8500
HEAD (m)	FLOW IN LPM						
100	1410	1130	700	495	0		
85	1540	1310	1000	750	180	0	
75	1610	1380	1105	850	350	150	0

SOLAR PUMPING SYSTEM



SOLAR 69 DCSSP 36000

BSP 75 mm (8X6)

PUMPSET CODE : 9500000634

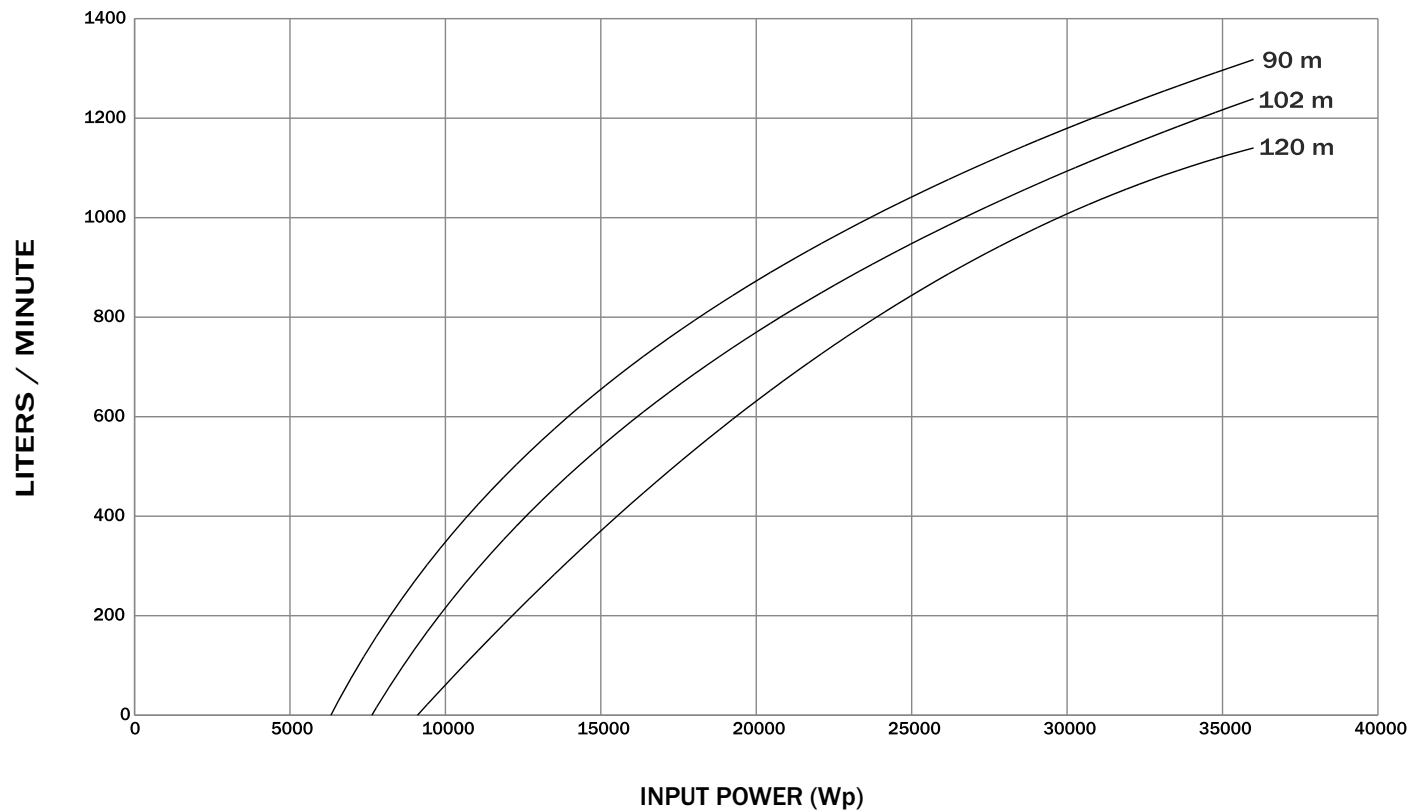
PUMP CODE : 9000029311

DISCHARGE (LPD) : 468000

DISCHARGE (LPW) : 13

DUTY HEAD : 120 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	36000	29550	23400	14250	9500	7500	6500
HEAD (m)	FLOW IN LPM						
120	1150	985	760	375	0		
102	1235	1055	940	495	150	0	
90	1300	1150	1025	630	320	130	0

SOLAR PUMPING SYSTEM



SOLAR 57 DCSSP 36000

BSP 75 mm (8X6)

PUMPSET CODE : 9500000458

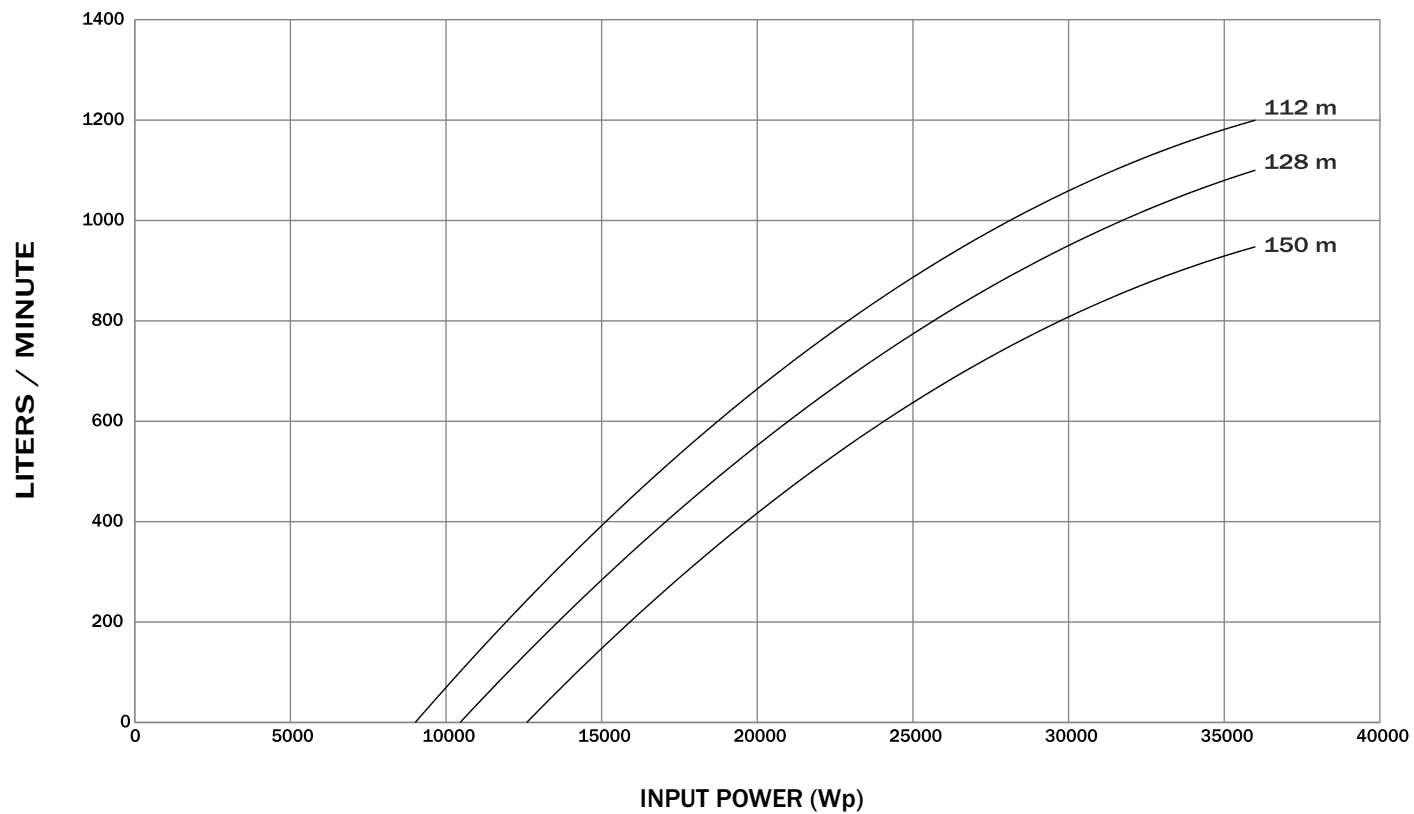
PUMP CODE : 9000025117

DISCHARGE (LPD) : 342000

DISCHARGE (LPW) : 9.5

DUTY HEAD : 150 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	36000	27400	21350	17400	12800	10600	9000
HEAD (m)	FLOW IN LPM						
150	955	700	495	300	0		
128	1105	855	600	450	150	0	
112	1195	1000	690	545	270	100	0

SOLAR PUMPING SYSTEM



SOLAR 44 DCSSP 36000

BSP 75 mm (8X6)

PUMPSET CODE : 9500001729

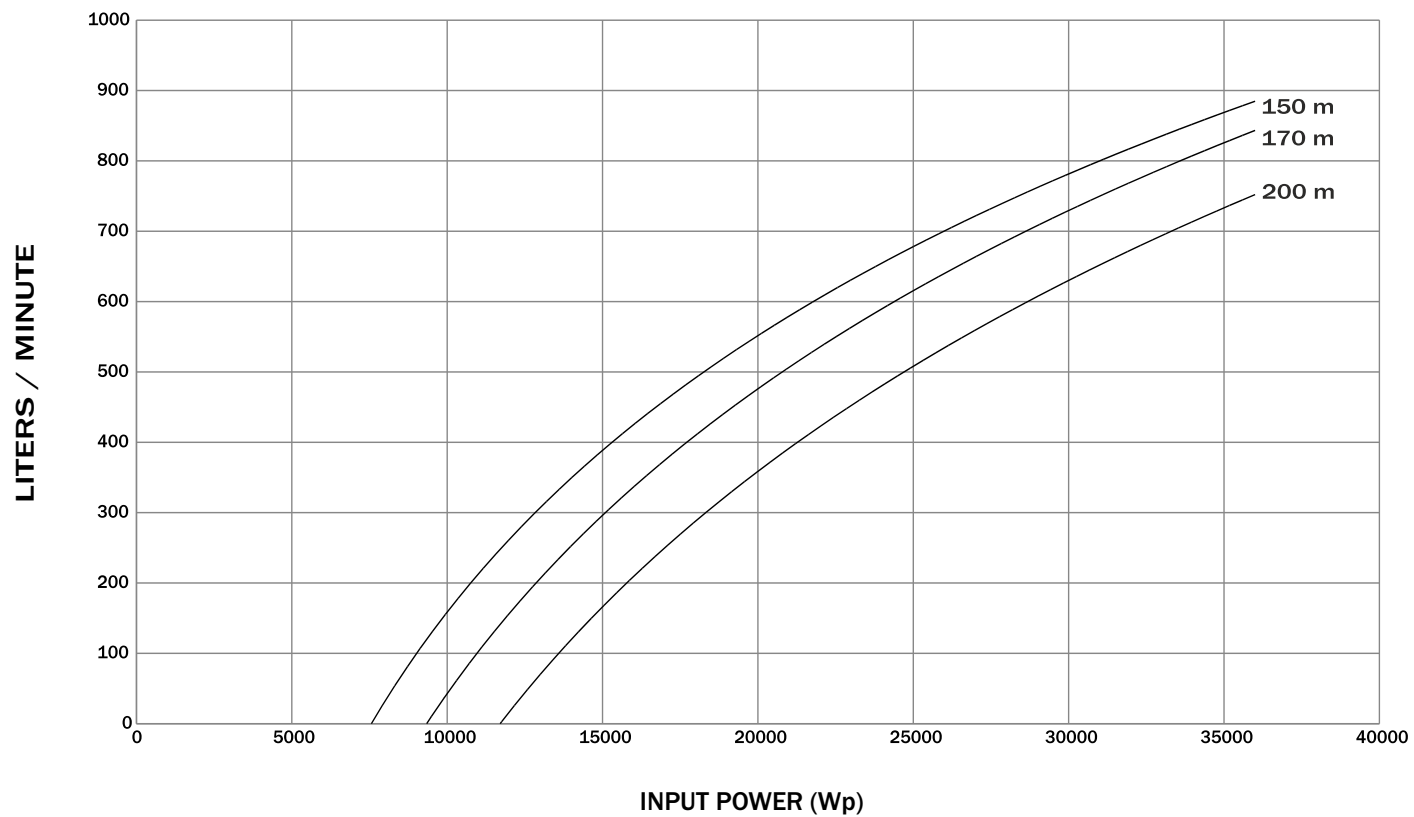
PUMP CODE : 9000029205

DISCHARGE (LPD) : 270000

DISCHARGE (LPW) : 7.5

DUTY HEAD : 200 METER

CHOKE CODE : 9000025820



	INPUT POWER (Wp)						
	36000	26300	20850	14350	12100	9650	8100
HEAD (m)	FLOW IN LPM						
200	743	538	405	153	0		
170	818	670	500	305	150	0	
150	860	730	560	380	300	144	0

SOLAR PUMPING SYSTEM



SOLAR 27 DCSSP 36000

BSP 50 mm (8X6)

PUMPSET CODE : 9500001356

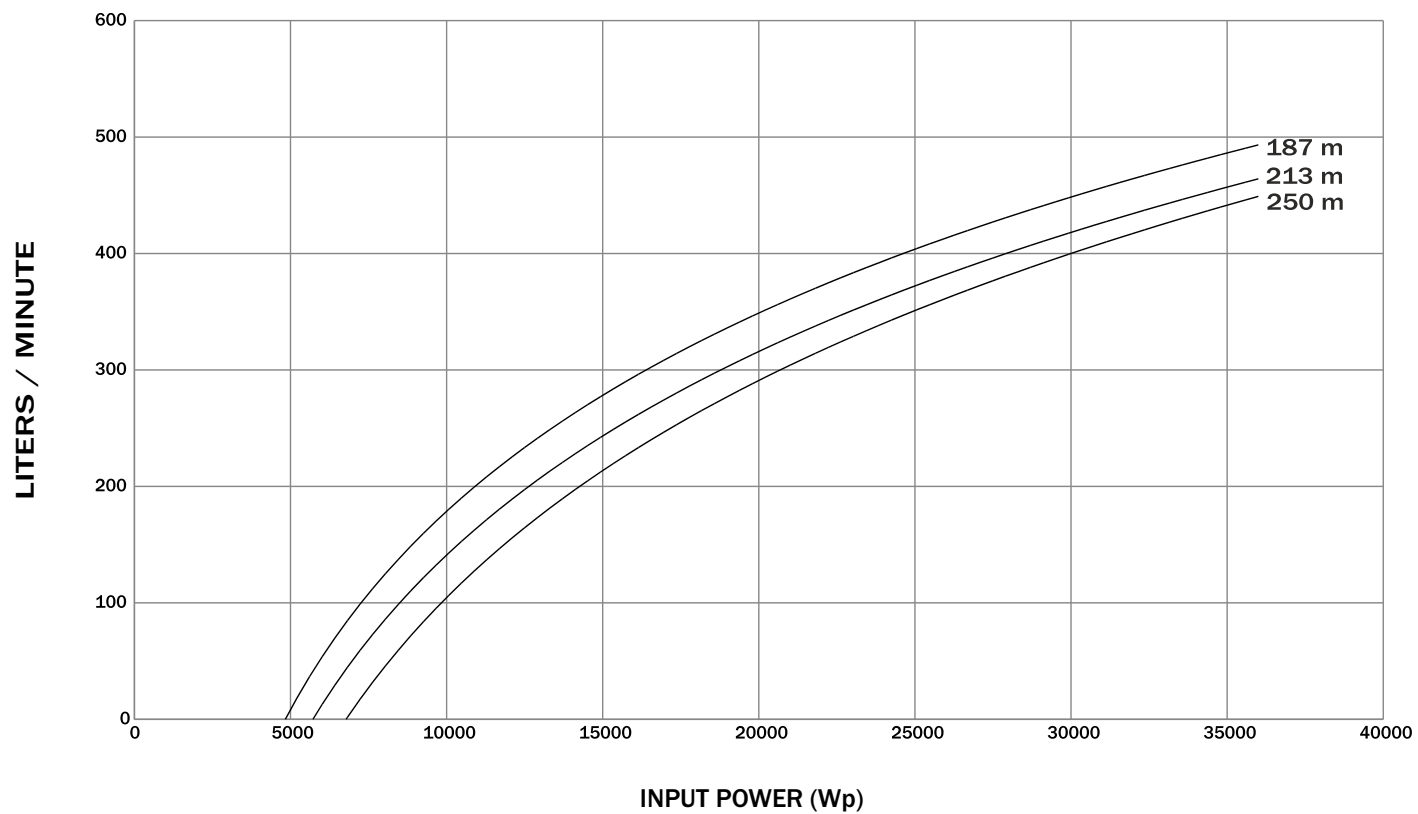
PUMP CODE : 9000029190

DISCHARGE (LPD) : 194400

DISCHARGE (LPW) : 5.4

DUTY HEAD : 250 METER

CHOKE CODE : 9000025821



	INPUT POWER (Wp)						
	36000	31550	20400	9600	6900	5700	4850
HEAD (m)	FLOW IN LPM						
250	450	412	295	100	0		
213	475	428	310	125	55	0	
187	490	450	370	180	75	40	0

SOLAR PUMPING SYSTEM



SOLAR 25 DCSSP 36000

BSP 50 mm (8X6)

PUMPSET CODE : 9500000611

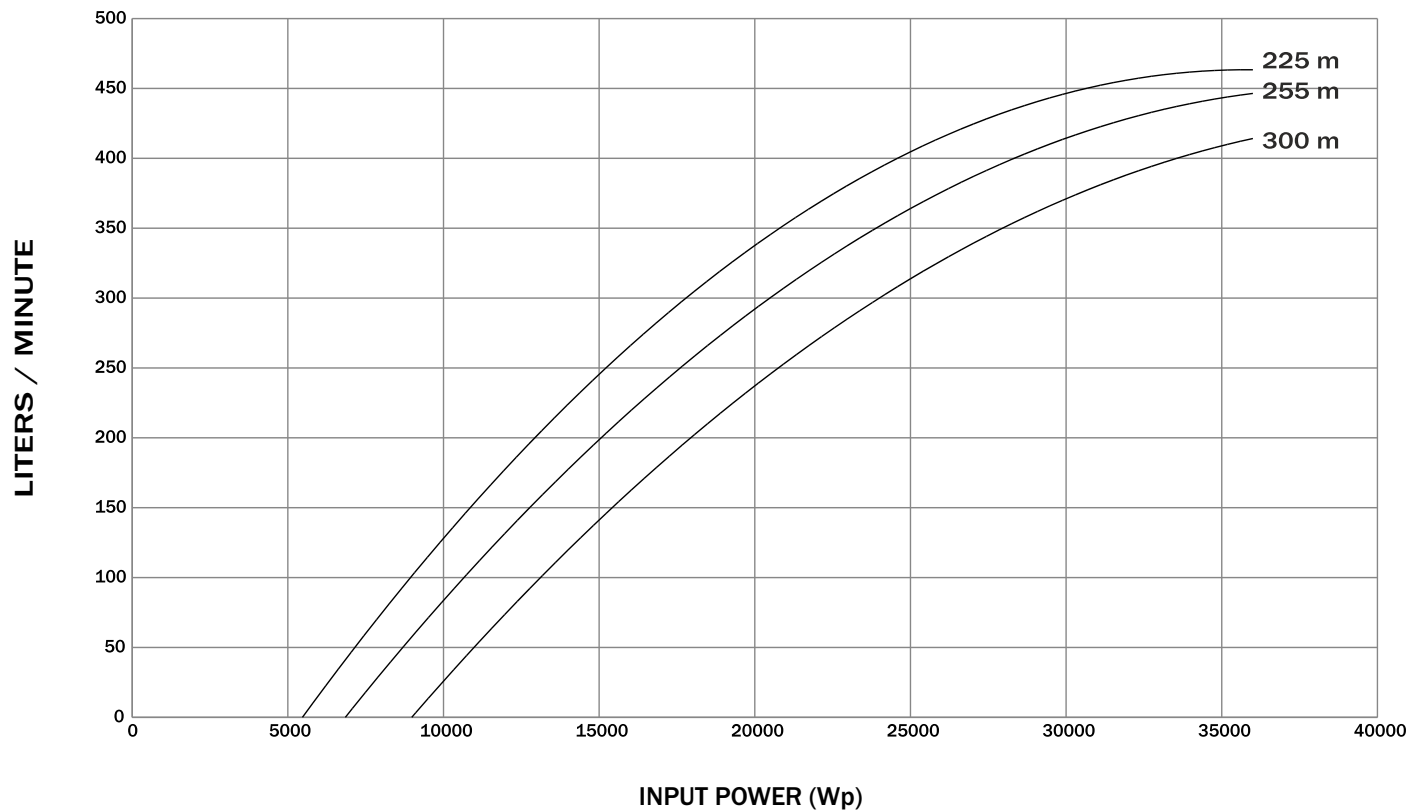
PUMP CODE : 9000033003

DISCHARGE (LPD) : 180000

DISCHARGE (LPW) : 5

DUTY HEAD : 300 METER

CHOKE CODE : 9000025821



	INPUT POWER (Wp)						
	36000	30050	25400	20850	9050	7200	6000
HEAD (m)	FLOW IN LPM						
300	418	365	315	260	0		
255	450	410	365	310	70	0	
225	465	450	400	350	120	55	0

SOLAR PUMPING SYSTEM



SOLAR 19 DCSSP 36000

BSP 50mm (8X6)

PUMPSET CODE : 9500002203

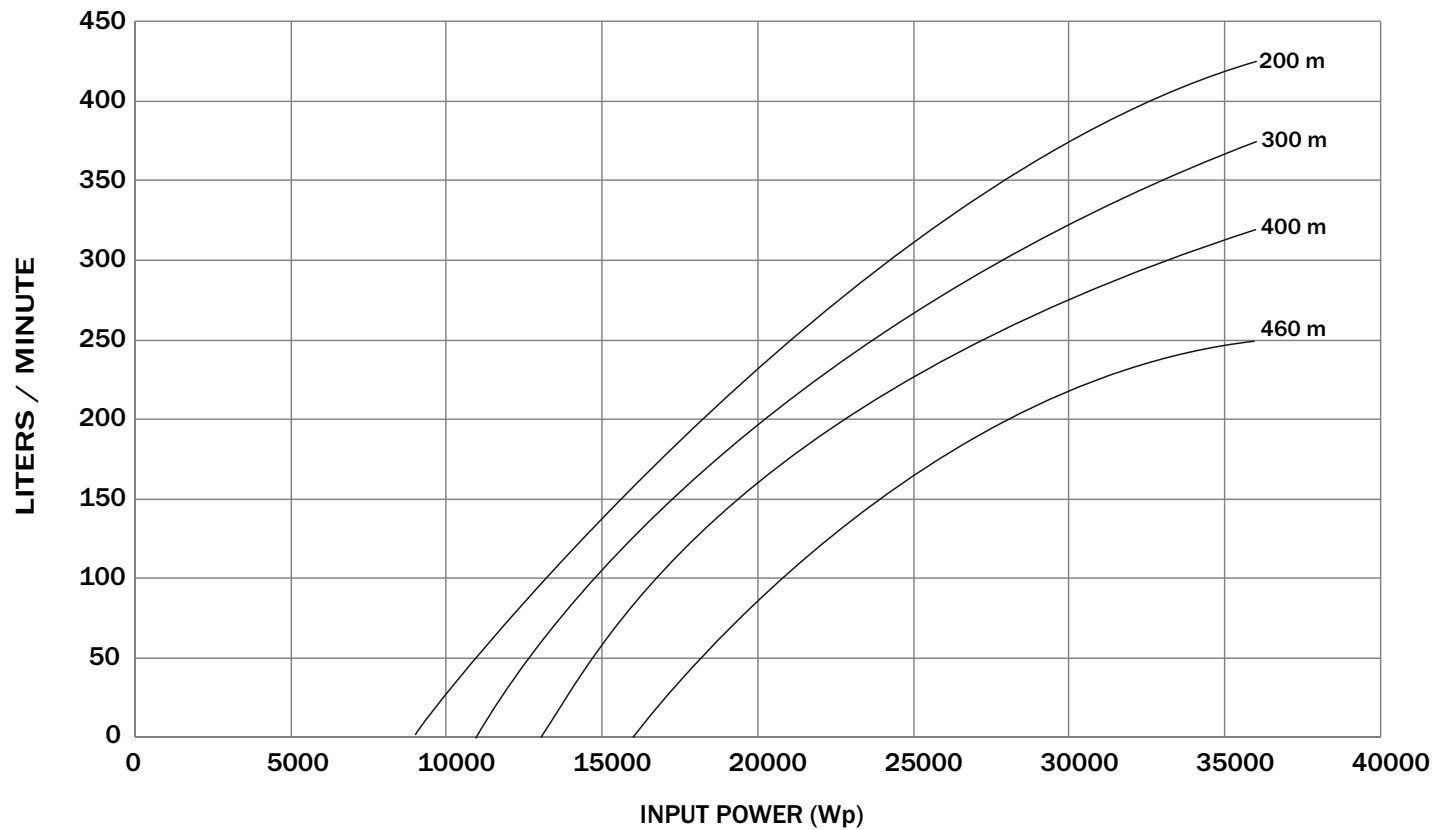
PUMP CODE : 9000024612

DISCHARGE (LPD) : 108000

DISCHARGE (LPW) : 3

DUTY HEAD : 400 METER

CHOKE CODE : 9000025824



	INPUT POWER (Wp)						
	36000	28000	20000	16000	13000	11000	9000
HEAD (m)	FLOW IN LPM						
460	250	200	90	0			
400	320	258	164	80	0		
300	375	300	200	125	61	0	
200	425	350	230	160	95	50	0

SOLAR PUMPING SYSTEM



SOLAR 150 DCSSP 45000

BSP 100 mm (8X8)

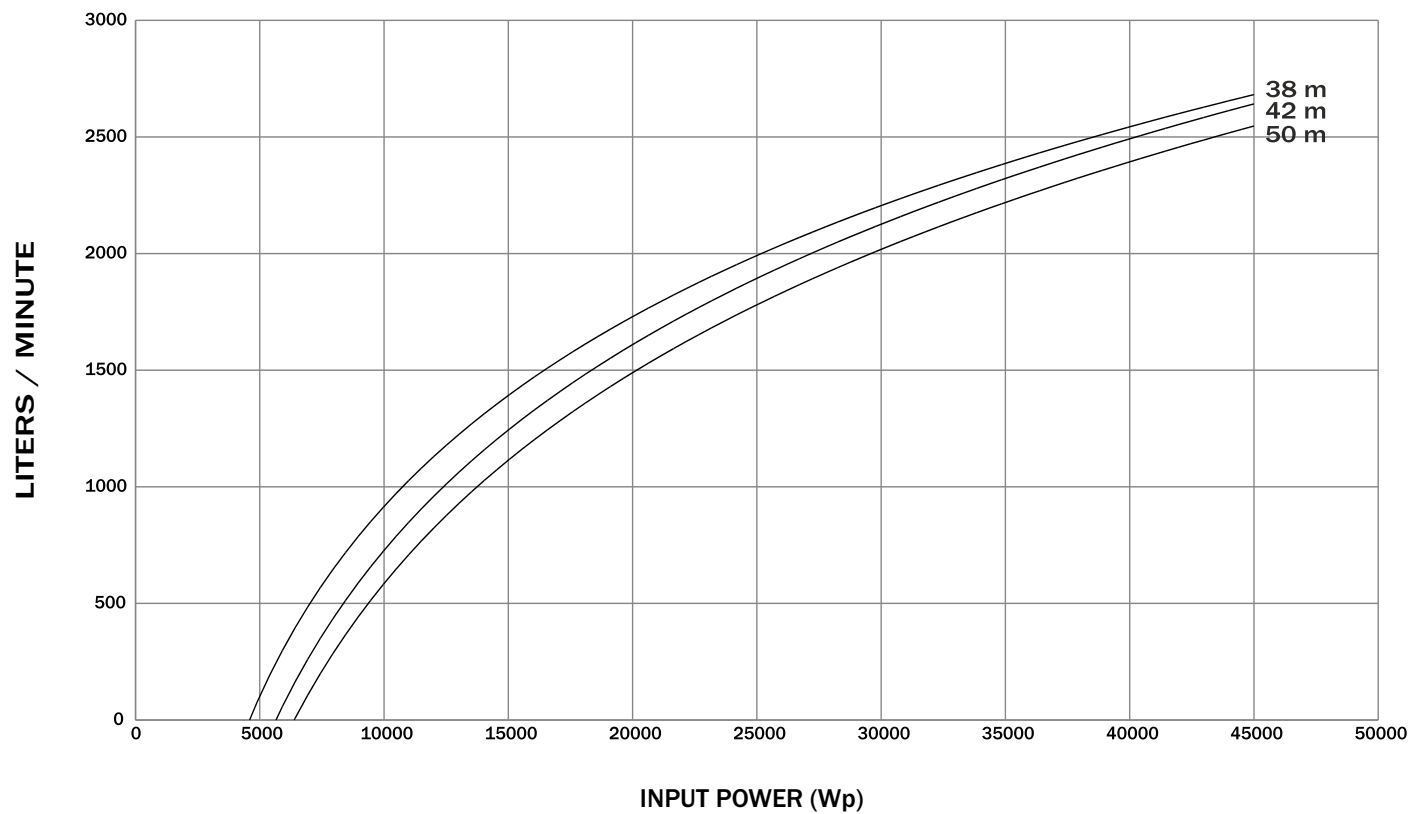
PUMPSET CODE : 9500001494

PUMP CODE : 9000029288

DISCHARGE (LPD) : 1282500

DISCHARGE (LPW) : 28.5

DUTY HEAD : 50 METER



	INPUT POWER (Wp)						
	45000	31450	18000	10350	6700	5450	4740
HEAD (m)	FLOW IN LPM						
50	2500	2080	1425	665	0		
42	2575	2200	1600	750	120	0	
38	2600	2300	1700	950	390	250	0

SOLAR PUMPING SYSTEM



SOLAR 135 DCSSP 45000

BSP 100 mm (8X8)

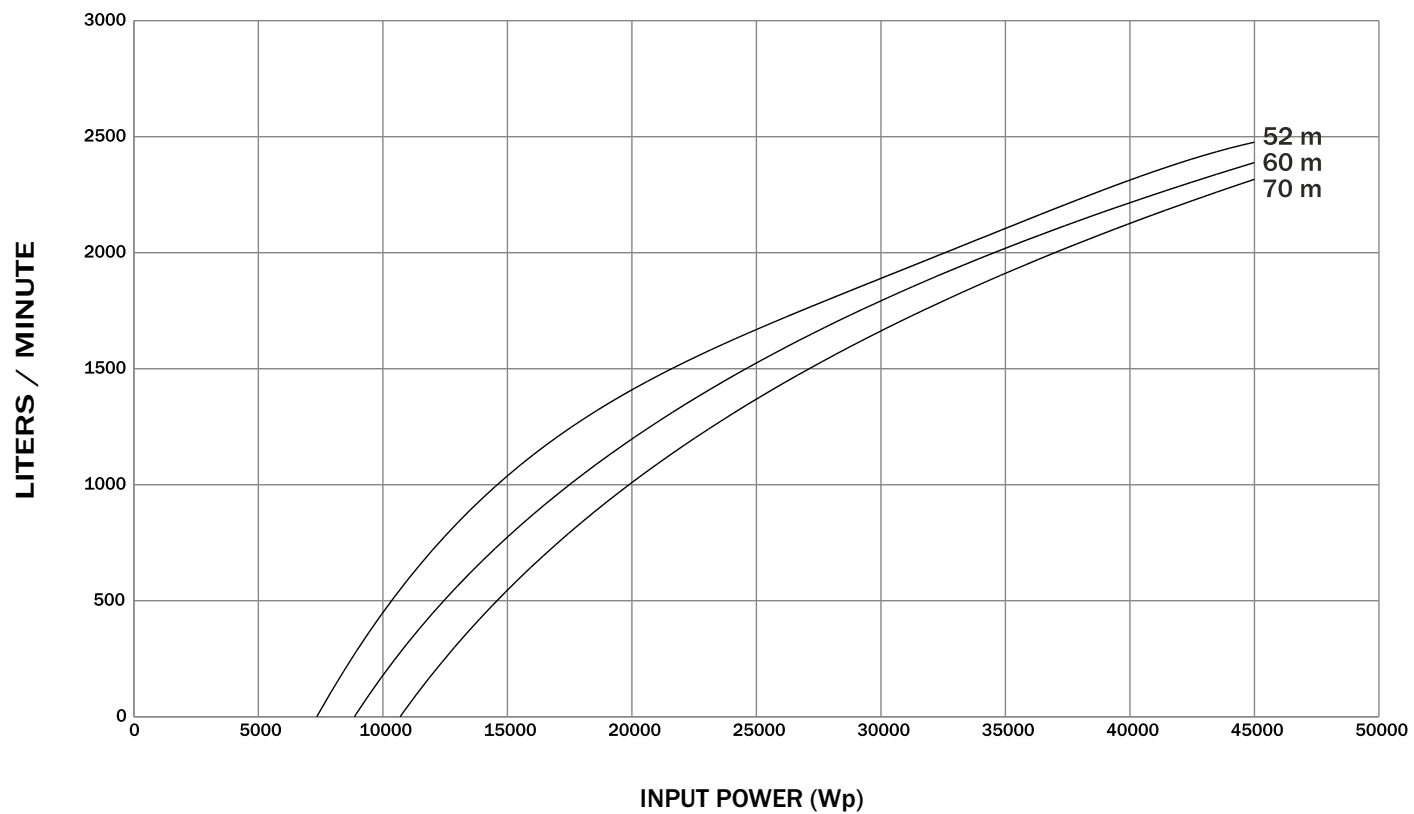
PUMPSET CODE : 9500000962

PUMP CODE : 9000033004

DISCHARGE (LPD) : 990000

DISCHARGE (LPW) : 22

DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	45000	35950	27000	13500	11250	9200	7250
HEAD (m)	FLOW IN LPM						
70	2260	1960	1560	440	0		
60	2370	2050	1650	690	350	0	
52	2475	2150	1750	925	600	300	0

SOLAR PUMPING SYSTEM



SOLAR 110 DCSSP 45000

BSP 100 mm (8X8)

PUMPSET CODE : 9500000959

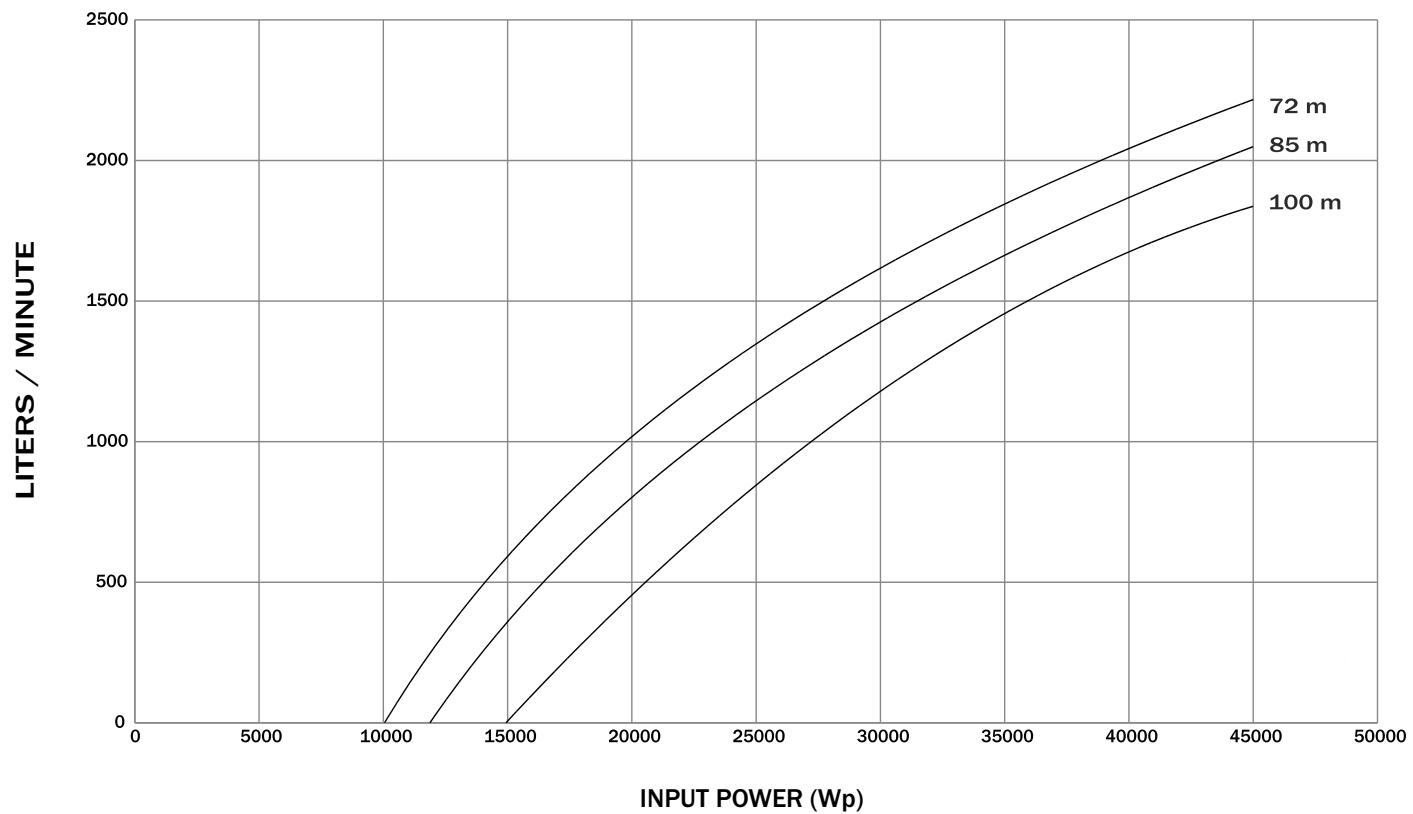
PUMP CODE : 9000029286

DISCHARGE (LPD) : 675000

DISCHARGE (LPW) : 15

DUTY HEAD : 100 METER

CHOKE CODE : 9000025822



	INPUT POWER (Wp)						
	45000	36300	22000	16600	15000	12500	10600
HEAD (m)	FLOW IN LPM						
100	1845	1500	640	150	0		
85	2020	1750	900	600	400	0	
72	2180	1900	1200	750	630	350	0

SOLAR PUMPING SYSTEM



SOLAR 87 DCSSP 45000

BSP 100 mm (8X6)

PUMPSET CODE : 9500000953

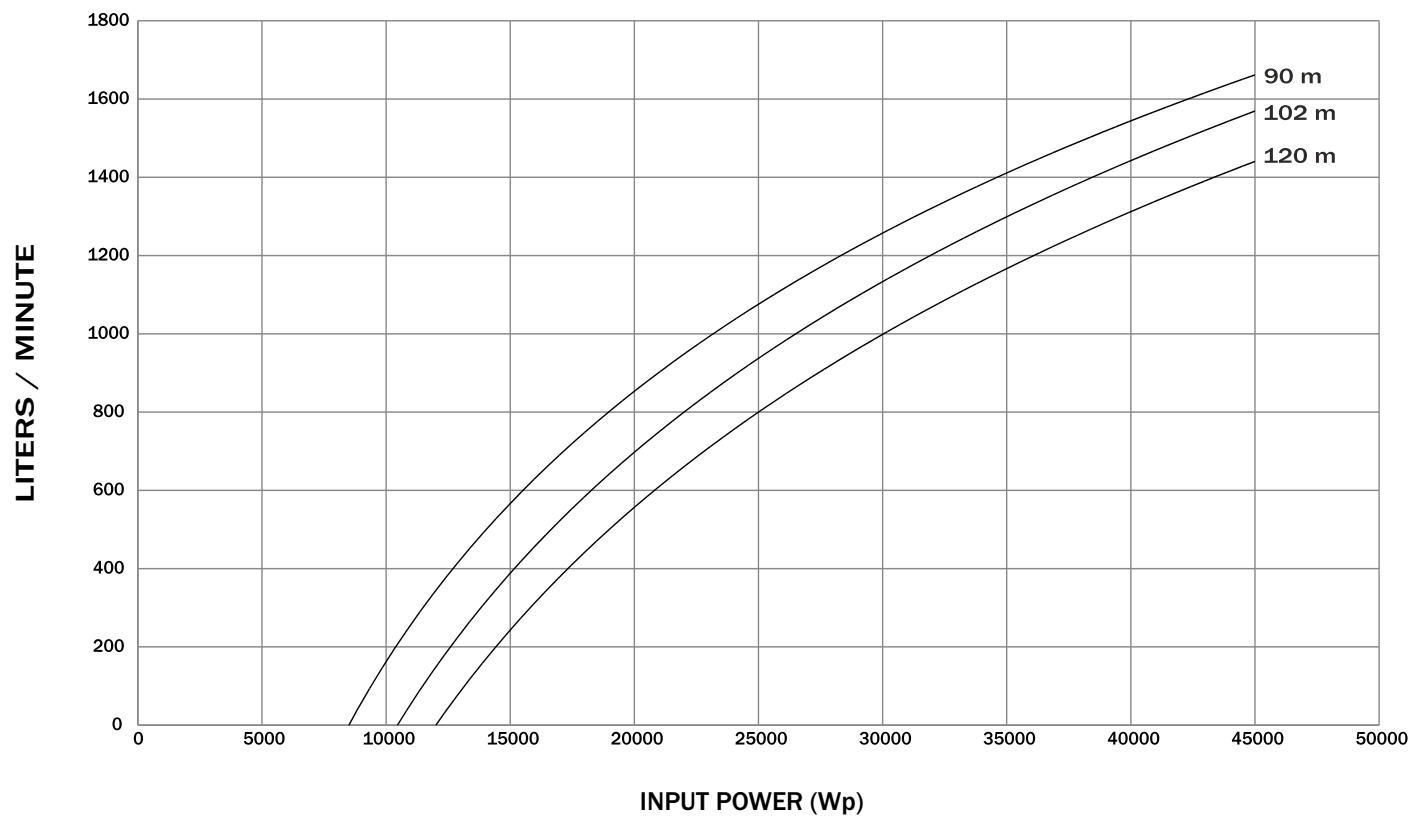
PUMP CODE : 9000029308

DISCHARGE (LPD) : 585000

DISCHARGE (LPW) : 13

DUTY HEAD : 120 METER

CHOKE CODE : 9000025823



	INPUT POWER (Wp)						
	45000	35950	22450	18000	11700	10000	7800
HEAD (m)	FLOW IN LPM						
120	1452	1205	660	415	0		
102	1580	1395	750	500	150	0	
90	1645	1465	1030	700	250	120	0

SOLAR PUMPING SYSTEM



SOLAR 70 DCSSP 45000

BSP 75 mm (8X6)

PUMPSET CODE : 9500001722

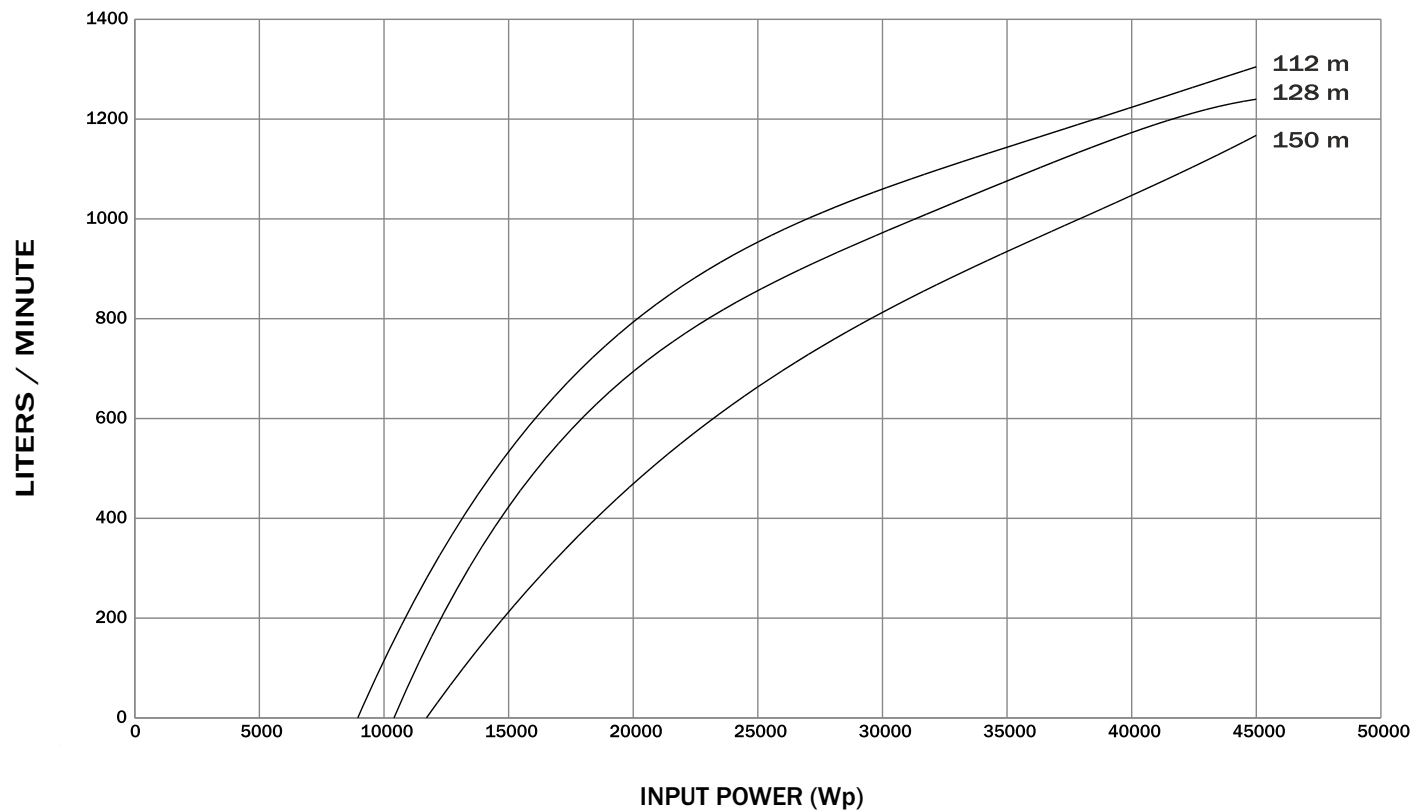
PUMP CODE : 9000029307

DISCHARGE (LPD) : 472500

DISCHARGE (LPW) : 10.5

DUTY HEAD : 150 METER

CHOKE CODE : 9000025823



	INPUT POWER (Wp)						
	45000	35000	24250	16650	11850	10500	9000
HEAD (m)	FLOW IN LPM						
150	1165	945	615	330	0		
128	1240	1075	840	520	175	0	
112	1305	1142	940	620	308	165	0

SOLAR PUMPING SYSTEM



SOLAR 53 DCSSP 45000

BSP 75 mm (8X6)

PUMPSET CODE : 9500000935

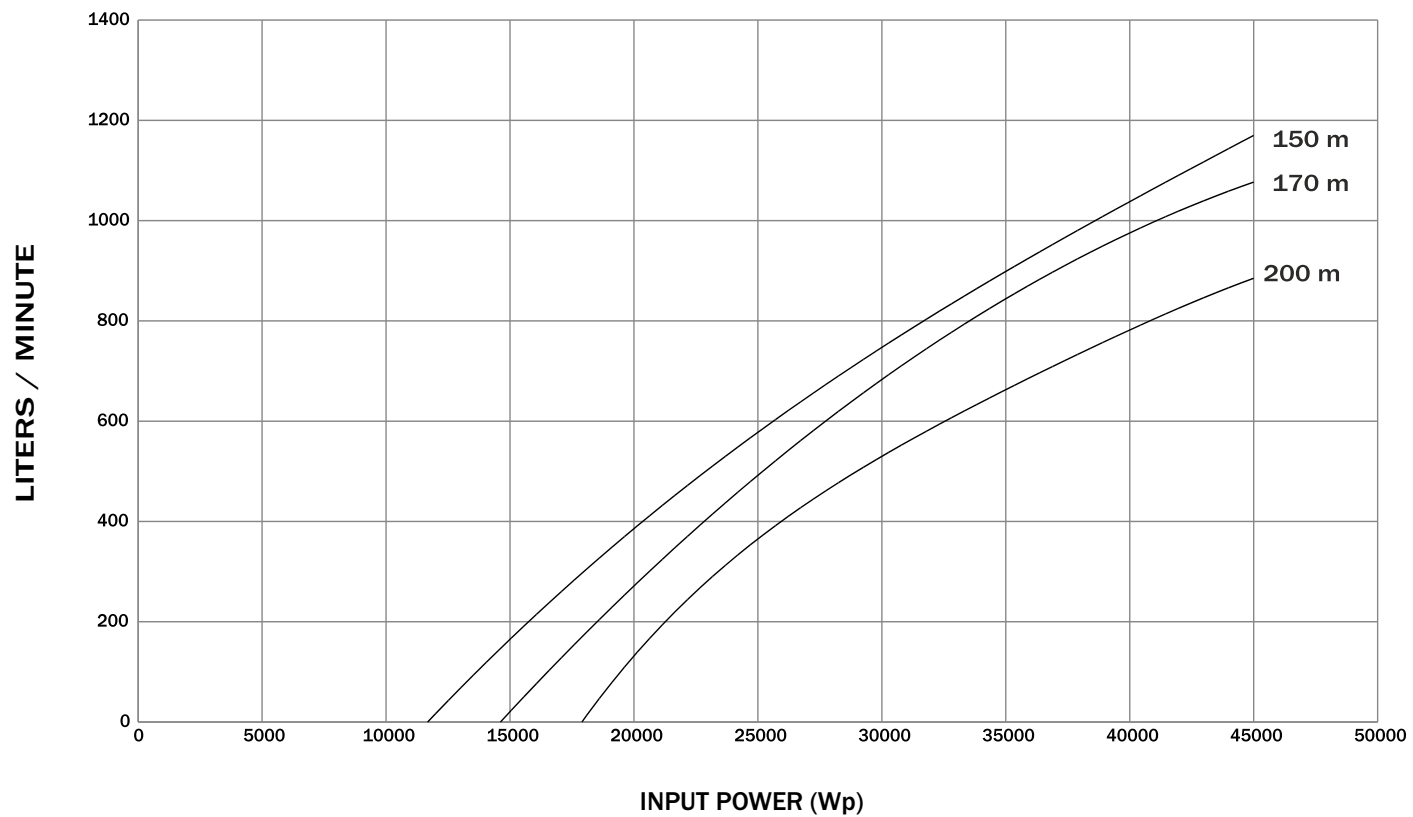
PUMP CODE : 9000033005

DISCHARGE (LPD) : 310500

DISCHARGE (LPW) : 6.9

DUTY HEAD : 200 METER

CHOKE CODE : 9000025823



	INPUT POWER (Wp)						
	45000	35900	26950	22500	17900	14400	11850
HEAD (m)	FLOW IN LPM						
200	885	685	435	260	0		
170	1070	890	545	405	150	0	
150	1165	945	615	480	330	132	0

SOLAR PUMPING SYSTEM



SOLAR 42 DCSSP 45000

BSP 75 mm (8X6)

PUMPSET CODE : 9500001724

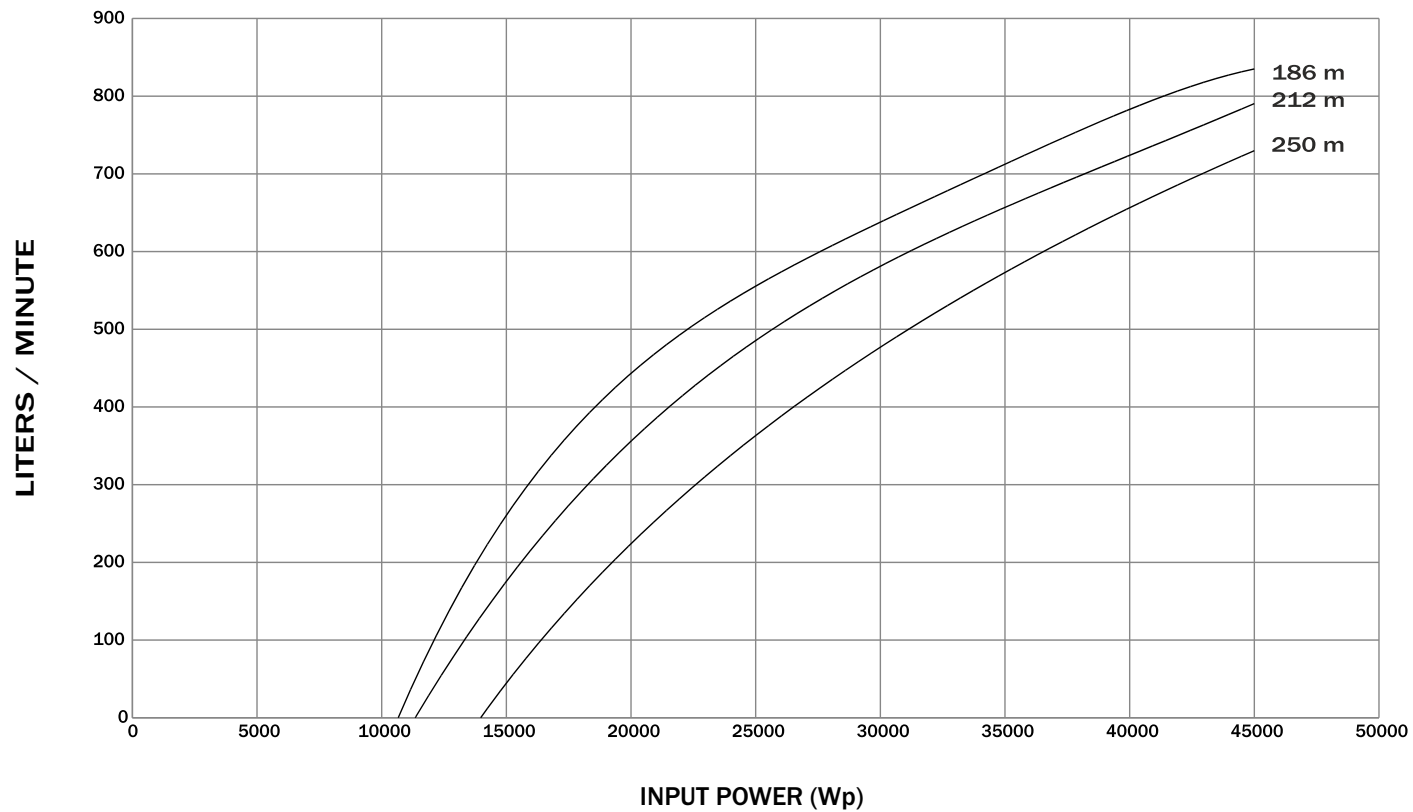
PUMP CODE : 9000029197

DISCHARGE (LPD) : 301500

DISCHARGE (LPW) : 6.7

DUTY HEAD : 250 METER

CHOKE CODE : 9000025824

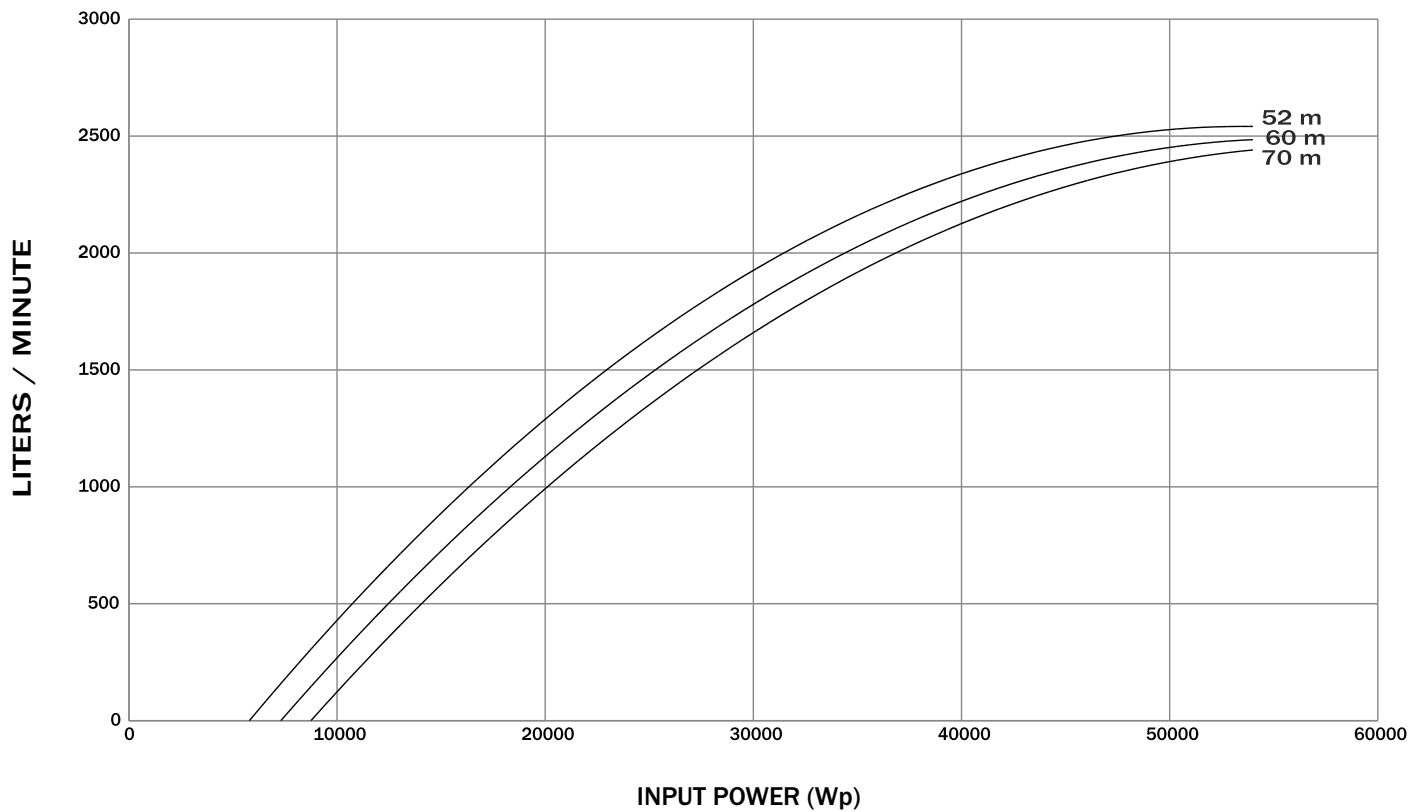


	INPUT POWER (Wp)						
	45000	35950	26950	17950	14850	11250	11000
HEAD (m)	FLOW IN LPM						
250	715	590	425	194	0		
212	790	672	520	307	150	0	
186	835	726	590	380	250	70	0

SOLAR PUMPING SYSTEM



SOLAR 148 DCSSP 54000
BSP 100 mm (8X8)
PUMPSET CODE : 9500000827
PUMP CODE : 9000033006
DISCHARGE (LPD) : 1134000
DISCHARGE (LPW) : 21
DUTY HEAD : 70 METER



	INPUT POWER (Wp)						
	54000	42100	32050	12150	9700	8000	6000
HEAD (m)	FLOW IN LPM						
70	2465	2140	1795	430	0		
60	2520	2200	1930	540	250	0	
52	2560	2360	2030	700	400	200	0

SOLAR PUMPING SYSTEM



SOLAR 126 DCSSP 54000

BSP 100 mm (8X8)

PUMPSET CODE : 9500000836

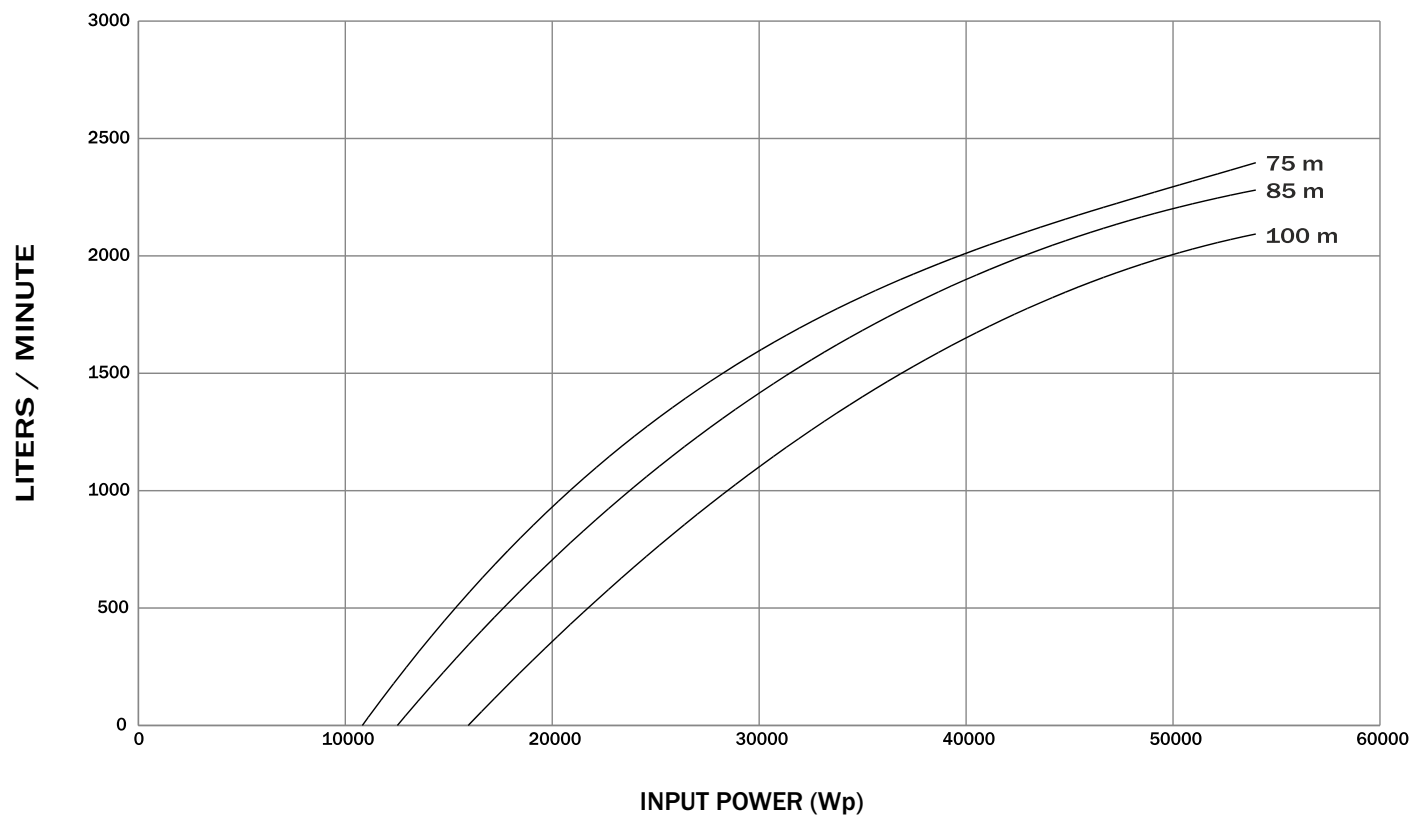
PUMP CODE : 9000033007

DISCHARGE (LPD) : 864000

DISCHARGE (LPW) : 16

DUTY HEAD : 100 METER

CHOKE CODE : 9000025822



	INPUT POWER (Wp)						
	54000	43200	32350	21600	16100	12000	11000
HEAD (m)	FLOW IN LPM						
100	2100	1770	1250	510	0		
85	2290	1980	1580	880	250	0	
75	2400	2100	1715	1100	500	200	0

SOLAR PUMPING SYSTEM



SOLAR 113 DCSSP 54000

BSP 100 mm (8X8)

PUMPSET CODE : 9500000892

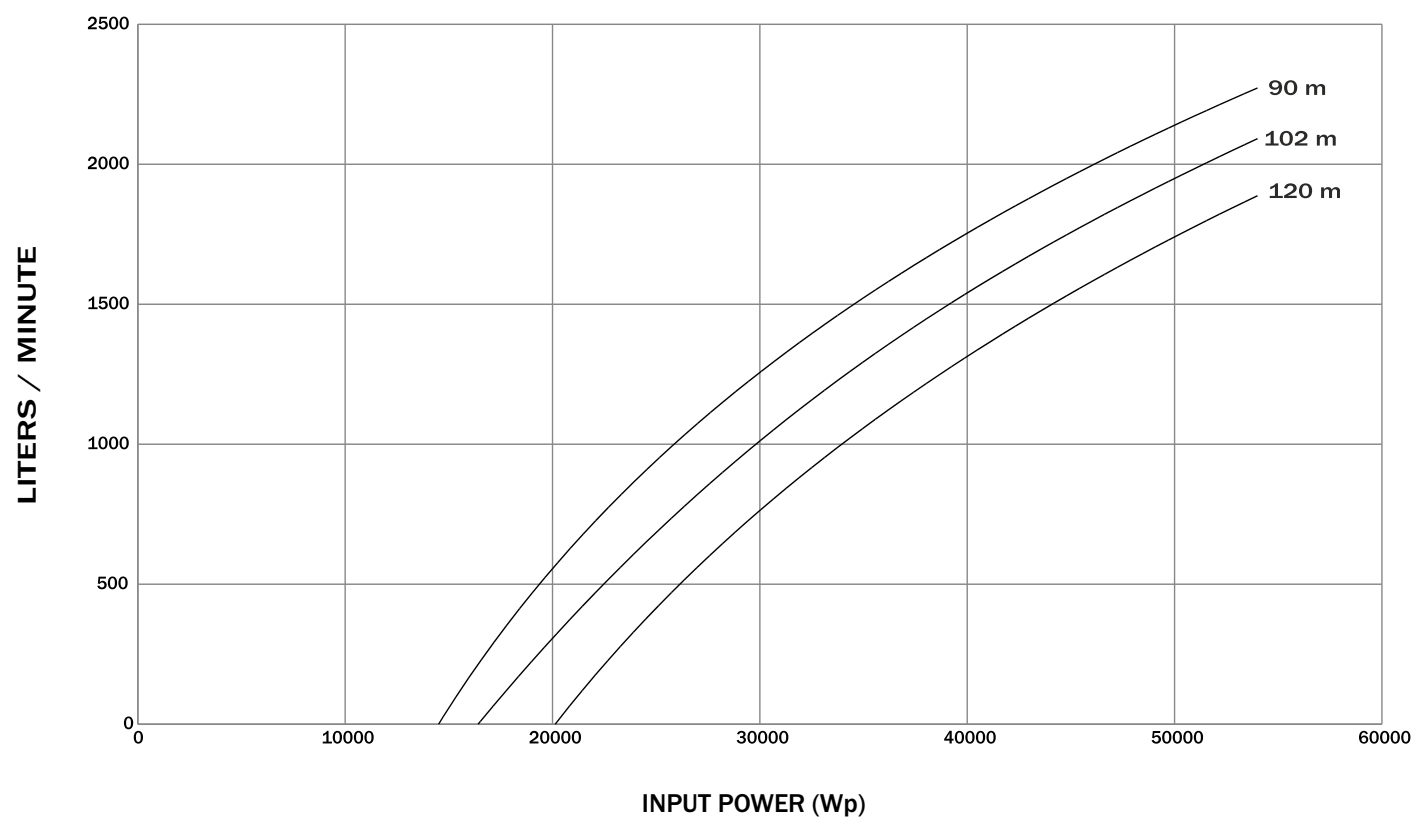
PUMP CODE : 9000033008

DISCHARGE (LPD) : 594000

DISCHARGE (LPW) : 11

DUTY HEAD : 120 METER

CHOKE CODE : 9000025823



	INPUT POWER (Wp)						
	54000	43200	32400	27000	20500	16100	14000
HEAD (m)	FLOW IN LPM						
120	1890	1435	915	615	0		
102	2100	1645	1220	800	300	0	
90	2240	1925	1475	1000	550	150	0

SOLAR PUMPING SYSTEM



SOLAR 64 DCSSP 54000

BSP 100 mm (8X6)

PUMPSET CODE : 9500000459

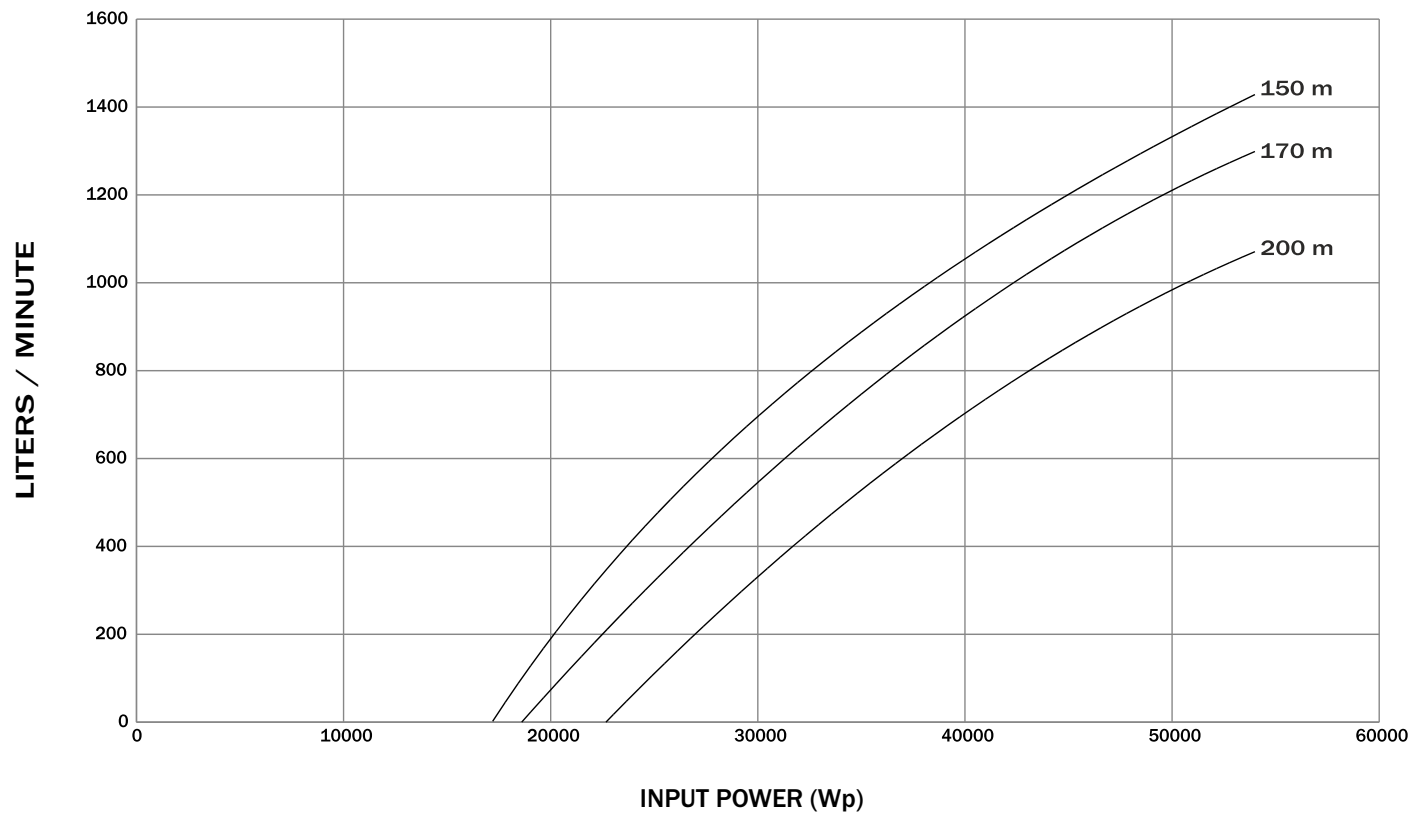
PUMP CODE : 9000029196

DISCHARGE (LPD) : 351000

DISCHARGE (LPW) : 6.5

DUTY HEAD : 200 METER

CHOKE CODE : 9000025823



	INPUT POWER (Wp)						
	54000	43150	32350	27000	23200	19000	18000
HEAD (m)	FLOW IN LPM						
200	1080	775	440	230	0		
170	1300	1020	665	350	300	0	
150	1420	1170	800	500	400	200	0

SOLAR PUMPING SYSTEM



SOLAR 53 DCSSP 54000

BSP 75 mm (8X6)

PUMPSET CODE : 9500000460

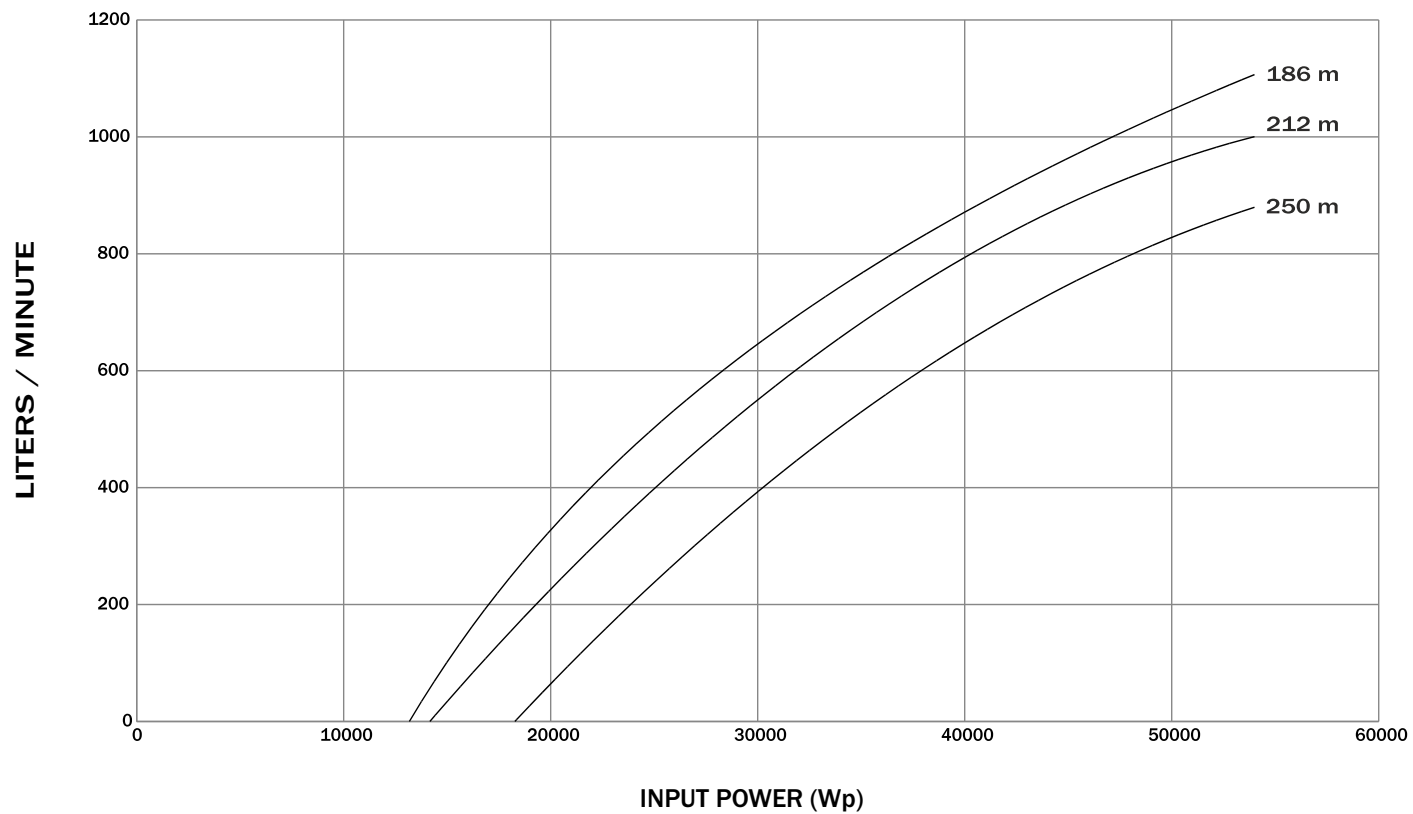
PUMP CODE : 9000029329

DISCHARGE (LPD) : 297000

DISCHARGE (LPW) : 5.5

DUTY HEAD : 250 METER

CHOKE CODE : 9000025824



	INPUT POWER (Wp)						
	54000	43200	32400	21550	18850	15000	14000
HEAD (m)	FLOW IN LPM						
250	890	685	480	140	0		
212	1010	840	600	320	200	0	
186	1090	930	700	440	300	100	0

SOLAR PUMPING SYSTEM



SOLAR 42 DCSSP 54000

BSP 75 mm (8X6)

PUMPSET CODE : 9500000461

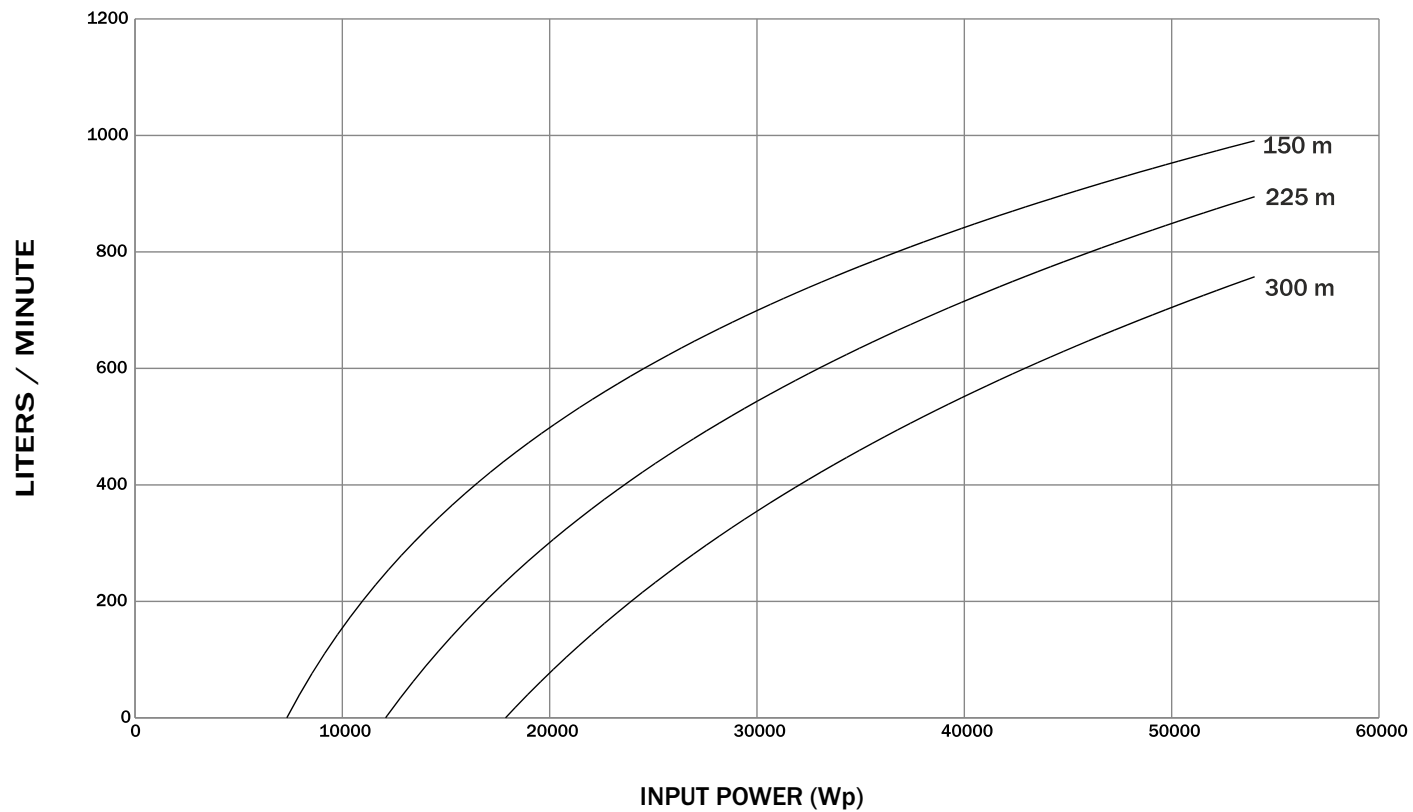
PUMP CODE : 9000029392

DISCHARGE (LPD) : 243000

DISCHARGE (LPW) : 4.5

DUTY HEAD : 300 METER

CHOKE CODE : 9000025824



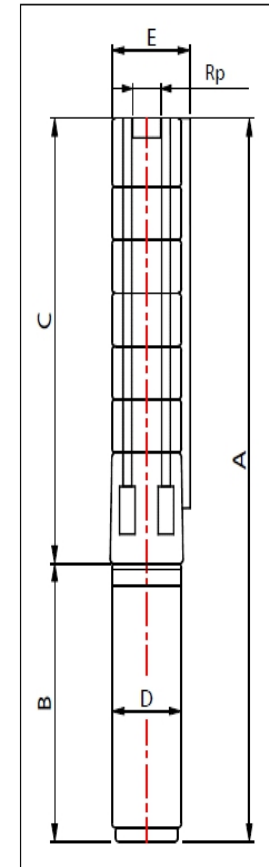
	INPUT POWER (Wp)						
	54000	44250	26800	21250	18550	12400	7200
HEAD (m)	FLOW IN LPM						
300	745	620	315	120	0		
225	860	800	500	345	250	0	
150	970	900	662	556	450	230	0

SOLAR PUMPING SYSTEM



SOLAR DC SUBMERSIBLE PUMPSET GA DRAWING (in mm)

Pumpset Code	Pump Code	Model Description	Motor Code	A	B	C	D	E	Rp
9500000828	9000017895	SOLAR 16.5 DCSSP 900	9000031063	661	308	353	95	130	50
9500001982	9000030394	SOLAR 3.0 DCSSP 900	9000031063	600	308	292	95	97	32
9500001949	9000030266	SOLAR 2.0 DCSSP 900	9000031063	915	308	607	95	97	32
9500001597	9000020417	SOLAR 20.5 DCSSP 1200	9000031063	661	308	353	95	130	50
9500000819	9000029941	SOLAR 10 DCSSP 1200	9000031063	943	308	635	95	97	50
9500002259	9000030111	SOLAR 8 DCSSP 1200	9000031063	1093	308	785	95	97	40
9500002626	9000032726	SOLAR 3 DCSSP 1200	9000031063	705	308	397	95	97	32
9500002245	9000029285	SOLAR 39 DCSSP 1800	9000030874	704	348	356	95	133	75
9500002246	9000033009	SOLAR 19 DCSSP 1800	9000030874	1133	348	785	95	97	50
9500002257	9000029943	SOLAR 12 DCSSP 1800	9000030874	1133	348	785	95	97	50
9500002214	9000023439	SOLAR 6 DCSSP 1800	9000030874	745	348	397	95	97	40
9500002248	9000030391	SOLAR 2 DCSSP 1800	9000030874	850	348	502	95	97	32
9500002249	9000029447	SOLAR 1.5 DCSSP 1800	9000030874	1060	348	712	95	97	32
9500002081	9000032623	SOLAR 63 DCSSP 3000	9000030562	690	345	345	95	138	75
9500002082	9000029694	SOLAR 30 DCSSP 3000	9000030562	759	345	414	95	130	63
9500002083	9000030120	SOLAR 20 DCSSP 3000	9000030562	819	345	474	95	130	50
9500002062	9000032808	SOLAR 12 DCSSP 3000	9000030562	1130	345	785	95	97	50
9500002063	9000029699	SOLAR 8 DCSSP 3000	9000030562	1280	345	935	95	97	50
9500002031	9000030615	SOLAR 5 DCSSP 3000	9000030562	1036	345	691	95	97	40
9500002427	9000031806	SOLAR 2 DCSSP 3000	9000030562	952	345	607	95	97	32
9500002407	9000023430	SOLAR 3 DCSSP 3000	9000030562	1057	345	712	95	97	32
9500002109	9000023656	SOLAR 103 DCSSP 4800	9000030563	891	417	474	95	138	100
9500002084	9000029691	SOLAR 55 DCSSP 4800	9000030563	882	417	465	95	133	75
9500002085	9000032800	SOLAR 33 DCSSP 4800	9000030563	891	417	474	95	130	63
9500002064	9000032802	SOLAR 20 DCSSP 4800	9000030563	952	417	535	95	130	50
9500002065	9000032796	SOLAR 13 DCSSP 4800	9000030563	1352	417	935	95	97	50
9500002033	9000032799	SOLAR 10 DCSSP 4800	9000030563	1452	417	1035	95	97	50
9500002542	9000023437	SOLAR 6 DCSSP 4800	9000030563	1129	417	712	95	97	40
9500002162	9000032987	SOLAR 5 DCSSP 4800	9000030563	1129	417	712	95	97	40
9500001768	9000029451	SOLAR 4.5 DCSSP 4800	9000030563	1234	417	817	95	97	40
9500002408	9000030727	SOLAR 3 DCSSP 4800	9000030563	1402	417	985	95	97	32
9500002348	9000031620	SOLAR 2.5 DCSSP 4800	9000030563	1559	417	1142	95	97	32
9500002110	9000018437	SOLAR 137 DCSSP 6750	9000031132	1003	511	492	142	138	100
9500002086	9000029692	SOLAR 71 DCSSP 6750	9000031132	1032	511	521	142	138	75
9500002087	9000032988	SOLAR 50 DCSSP 6750	9000031132	1032	511	521	142	138	75
9500002066	9000029683	SOLAR 28 DCSSP 6750	9000031132	1185	511	674	142	130	63
9500002067	9000030108	SOLAR 19 DCSSP 6750	9000031132	1185	511	674	142	130	50
9500002035	9000029686	SOLAR 14 DCSSP 6750	9000031132	1748	511	1237	142	138	50
9500002396	9000026230	SOLAR 11 DCSSP 6750	9000031132	1748	511	1237	142	138	50
9500002208	9000023415	SOLAR 10 DCSSP 6750	9000031132	1998	511	1487	142	138	50
9500002207	9000030930	SOLAR 5 DCSSP 6750	9000031132	1820	511	1309	142	138	40
9500002111	9000018677	SOLAR 188 DCSSP 9000	9000031133	1064	565	499	142	168	100
9500002112	9000028881	SOLAR 103 DCSSP 9000	9000031133	1170	565	605	142	138	100
9500002088	9000032931	SOLAR 64 DCSSP 9000	9000031133	1170	565	605	142	138	100
9500002068	9000032632	SOLAR 41 DCSSP 9000	9000031133	1257	565	692	142	138	75
9500002069	9000032932	SOLAR 27 DCSSP 9000	9000031133	1420	565	855	142	138	63
9500002037	9000030109	SOLAR 19 DCSSP 9000	9000031133	1420	565	855	142	138	50
9500002226	9000023560	SOLAR 16 DCSSP 9000	9000031133	1541	565	976	142	138	50
9500000605	9000032060	SOLAR 12 DCSSP 9000	9000031133	2302	565	1737	142	138	50
9500002276	9000025654	SOLAR 9 DCSSP 9000	9000031133	2302	565	1737	142	138	50
9500002701	9000032937	SOLAR 48 DCSSP 11250	9000031134	1281	565	716	142	138	75
9500002250	9000033021	SOLAR 34 DCSSP 11250	9000031134	1420	565	855	142	138	63
9500002238	9000032989	SOLAR 24 DCSSP 11250	9000031134	1420	565	855	142	138	63
9500002251	9000031065	SOLAR 20 DCSSP 11250	9000031134	1541	565	976	142	138	50
9500002239	9000029700	SOLAR 16 DCSSP 11250	9000031134	2302	565	1737	142	138	50
9500002699	9000033073	SOLAR 12 DCSSP 11250	9000031134	2302	565	1737	142	138	50
9500000886	9000029342	SOLAR 139 DCSSP 13500	9000031135	1242	620	622	142	155	100
9500002216	9000018426	SOLAR 86 DCSSP 13500	9000031135	1338	620	718	142	138	100
9500002331	9000028912	SOLAR 58 DCSSP 13500	9000031135	1336	620	716	142	138	75

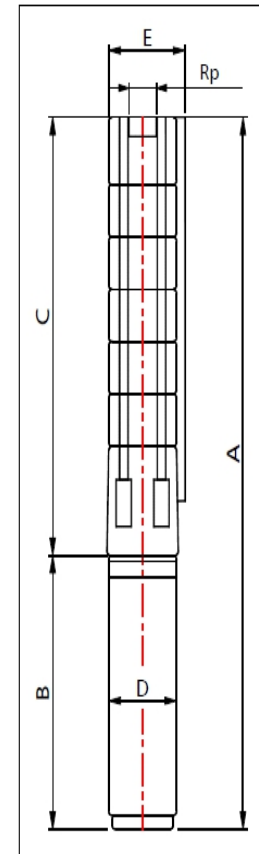


SOLAR PUMPING SYSTEM



SOLAR DC SUBMERSIBLE PUMPSET GA DRAWING (in mm)

Pumpset Code	Pump Code	Model Description	Motor Code	A	B	C	D	E	Rp
9500002240	9000031006	SOLAR 43 DCSSP 13500	9000031135	1397	620	777	142	138	75
9500002241	9000032990	SOLAR 30 DCSSP 13500	9000031135	1476	620	856	142	138	63
9500002252	9000031439	SOLAR 25 DCSSP 13500	9000031135	1596	620	976	142	138	63
9500002242	9000031005	SOLAR 19 DCSSP 13500	9000031135	1778	620	1158	142	138	50
9500002125	9000029206	SOLAR 12 DCSSP 13500	9000031135	1808	620	1188	142	138	50
9500002163	9000028470	SOLAR 11 DCSSP 13500	9000031135	2607	620	1987	142	138	50
9500000887	9000018445	SOLAR 240 DCSSP 18000	9000031136	1348	670	678	142	227	150
9500000896	9000028922	SOLAR 148 DCSSP 18000	9000031136	1297	670	627	142	168	100
9500002399	9000032991	SOLAR 129 DCSSP 18000	9000031136	1297	670	627	142	168	100
9500002629	9000029278	SOLAR 78 DCSSP 18000	9000031136	1501	670	831	142	138	100
9500001726	9000028913	SOLAR 53 DCSSP 18000	9000031136	1496	670	826	142	138	75
9500002117	9000028914	SOLAR 43 DCSSP 18000	9000031136	1611	670	941	142	138	75
9500002171	9000029309	SOLAR 32 DCSSP 18000	9000031136	1728	670	1058	142	138	75
9500002192	9000029185	SOLAR 27 DCSSP 18000	9000031136	1828	670	1158	142	138	50
9500002126	9000022316	SOLAR 20 DCSSP 18000	9000031136	2160	670	1490	142	138	50
9500000562	9000029279	SOLAR 16 DCSSP 18000	9000031136	2433	670	1763	142	138	50
9500002164	9000029283	SOLAR 13 DCSSP 18000	9000031136	2753	670	2083	142	138	50
9500002197	9000030873	SOLAR 8 DCSSP 18000	9000031136	3358	670	2688	142	138	50
9500000897	9000032992	SOLAR 156 DCSSP 22500	9000031137	1402	775	627	142	168	100
9500000894	9000018440	SOLAR 140 DCSSP 22500	9000031137	1402	775	627	142	168	125
9500000637	9000032993	SOLAR 93 DCSSP 22500	9000031137	1606	775	831	142	138	100
9500000881	9000029306	SOLAR 72 DCSSP 22500	9000031137	1719	775	944	142	138	100
9500001748	9000029188	SOLAR 48 DCSSP 22500	9000031137	1943	775	1168	142	138	75
9500002193	9000032994	SOLAR 42 DCSSP 22500	9000031137	1833	775	1058	142	138	75
9500002194	9000032995	SOLAR 35 DCSSP 22500	9000031137	2265	775	1490	142	138	50
9500002195	9000032996	SOLAR 25 DCSSP 22500	9000031137	2265	775	1490	142	138	50
9500002196	9000029186	SOLAR 19 DCSSP 22500	9000031137	2538	775	1763	142	138	50
9500002285	9000032997	SOLAR 16 DCSSP 22500	9000031137	2858	775	2083	142	138	50
9500000893	9000029280	SOLAR 121 DCSSP 27000	9000023253	1751	996	755	145	168	100
9500000889	9000028459	SOLAR 84 DCSSP 27000	9000023253	2053	996	1057	145	138	100
9500001720	9000027998	SOLAR 64.5 DCSSP 27000	9000023253	2292	996	1296	145	138	100
9500000877	9000032998	SOLAR 60 DCSSP 27000	9000023253	2164	996	1168	145	138	75
9500001717	9000032999	SOLAR 43 DCSSP 27000	9000023253	2164	996	1168	145	138	75
9500002414	9000033000	SOLAR 26 DCSSP 27000	9000023253	2486	996	1490	145	138	50
9500000861	9000033001	SOLAR 23 DCSSP 27000	9000023253	2759	996	1763	145	138	50
9500002165	9000029284	SOLAR 20 DCSSP 27000	9000023253	3079	996	2083	145	138	50
9500002262	9000031066	SOLAR 14 DCSSP 27000	9000023253	3382	996	2386	145	138	50
9500000670	9000029281	SOLAR 139 DCSSP 36000	9000025570	2011	1110	901	194	186	100
9500000664	9000033002	SOLAR 119 DCSSP 36000	9000025570	2011	1110	901	194	186	100
9500000657	9000030778	SOLAR 84 DCSSP 36000	9000025570	2422	1110	1312	194	186	100
9500000634	9000029311	SOLAR 69 DCSSP 36000	9000025570	2745	1110	1635	194	186	75
9500000458	9000025117	SOLAR 57 DCSSP 36000	9000025570	2745	1110	1635	194	186	75
9500001729	9000029205	SOLAR 44 DCSSP 36000	9000025570	2742	1110	1632	194	186	75
9500001356	9000029190	SOLAR 27 DCSSP 36000	9000025570	3222	1110	2112	194	186	50
9500000611	9000033003	SOLAR 25 DCSSP 36000	9000025570	3222	1110	2112	194	186	50
9500002203	9000024612	SOLAR 19 DCSSP 36000	9000025570	3822	1110	2712	194	186	50
9500001494	9000029288	SOLAR 150 DCSSP 45000	9000025570	2139	1110	1029	194	186	100
9500000962	9000033004	SOLAR 135 DCSSP 45000	9000025570	2139	1110	1029	194	186	100
9500000959	9000029286	SOLAR 110 DCSSP 45000	9000025570	2267	1110	1157	194	186	100
9500000953	9000029308	SOLAR 87 DCSSP 45000	9000025570	2761	1110	1651	194	186	75
9500001722	9000029307	SOLAR 70 DCSSP 45000	9000025570	3084	1110	1974	194	186	75
9500000935	9000033005	SOLAR 53 DCSSP 45000	9000025570	3084	1110	1974	194	186	75
9500001724	9000029197	SOLAR 42 DCSSP 45000	9000025570	3097	1110	1987	194	138	75
9500000827	9000033006	SOLAR 148 DCSSP 54000	9000023477	2347	1190	1157	194	186	100
9500000836	9000033007	SOLAR 126 DCSSP 54000	9000023477	2347	1190	1157	194	186	100
9500000892	9000033008	SOLAR 113 DCSSP 54000	9000023477	2347	1190	1157	194	186	100
9500000459	9000029196	SOLAR 64 DCSSP 54000	9000023477	3180	1190	1990	194	186	100
9500000460	9000029329	SOLAR 53 DCSSP 54000	9000023477	4294	1190	3104	194	186	75
9500000461	9000029392	SOLAR 42 DCSSP 54000	9000023477	3506	1190	2316	194	186	75

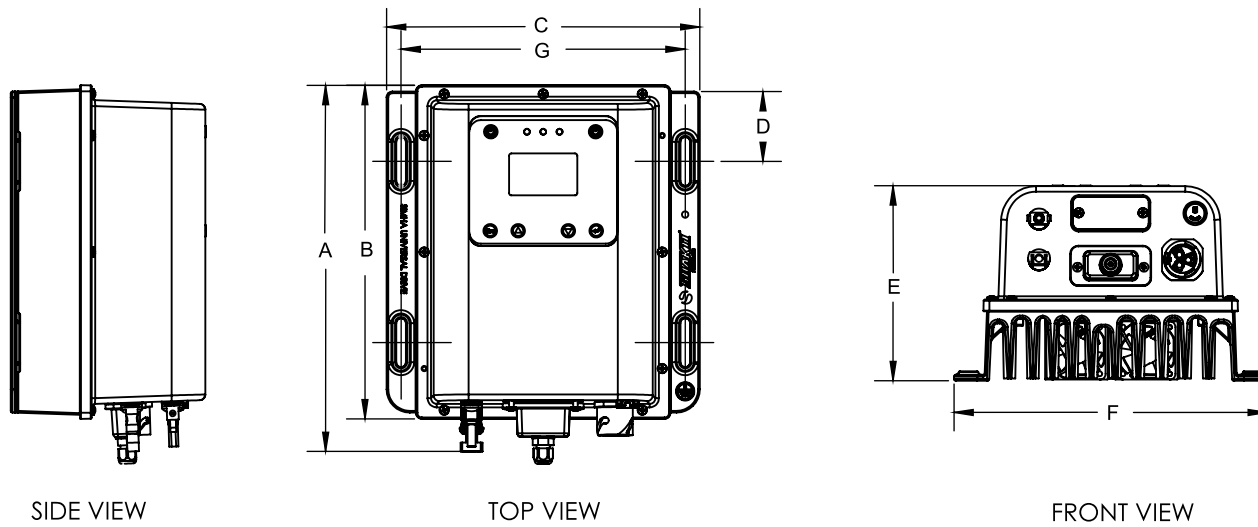


SOLAR PUMPING SYSTEM

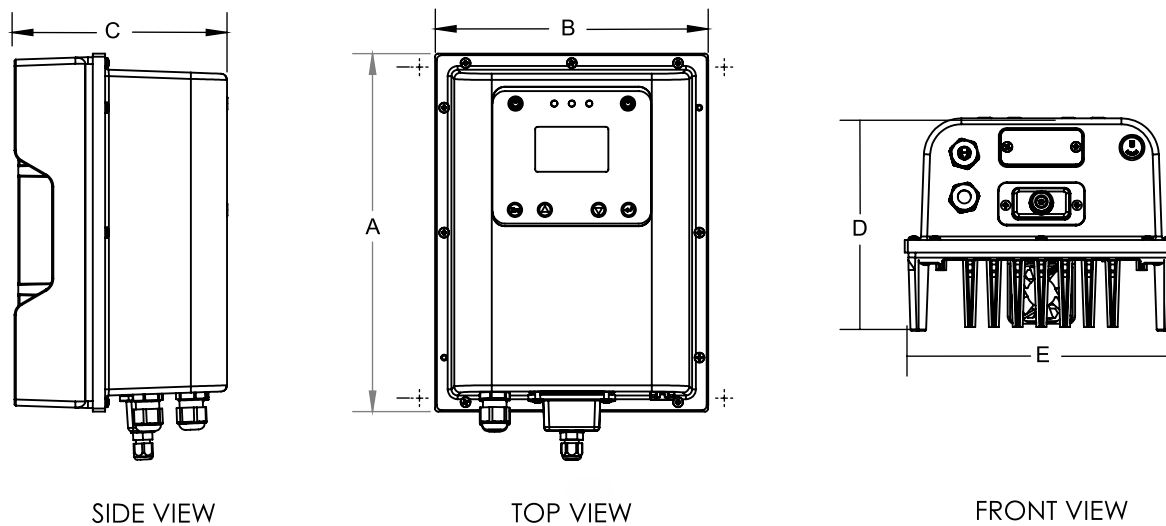


SOLAR DC CONTROLLER GA DRAWING (in mm)

CONTROLLER CODE	DESCRIPTION	A	B	C	D	E	F	G
9600000126	SIMHA UNIVERSAL DRIVE+3P 15A 450VDC	315	286	270	60	166	270	244
9600000127	SIMHA UNIVERSAL DRIVE+3P 15A 850VDC	315	286	270	60	166	270	244



CONTROLLER CODE	DESCRIPTION	A	B	C	D	E
9600000143	SIMHA UNIVERSAL DRIVE+3Ø,15A,850V,HV	287	218	172	170	219

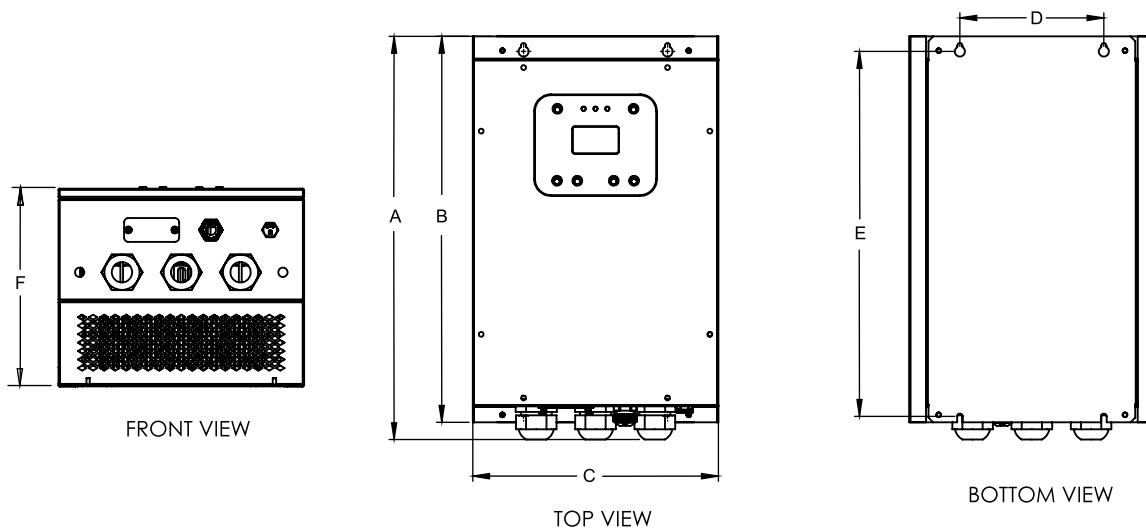


SOLAR PUMPING SYSTEM

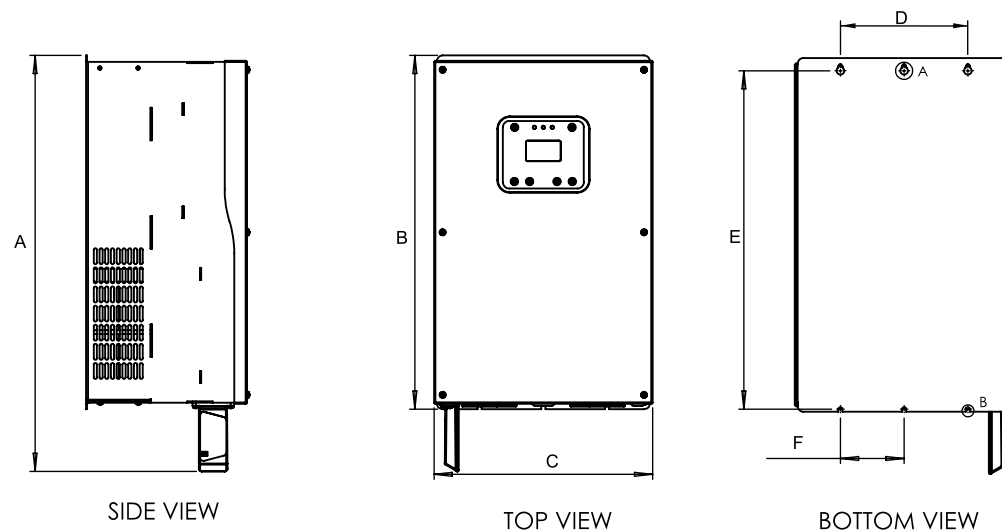


SOLAR DC CONTROLLER GA DRAWING (in mm)

CONTROLLER CODE	DESCRIPTION	A	B	C	D	E	F
9600000073	NANDI UNIVERSAL DRIVE 3P 25A 850 VDC	420	409	250	160	386	218
9600000066	NANDI UNIVERSAL DRIVE 3P 38A 850 VDC	476	456	290	170	431	235
9600000067	NANDI UNIVERSAL DRIVE 3P 50A 850 VDC	476	456	290	170	431	235
9600000068	NANDI UNIVERSAL DRIVE 3P 70A 850 VDC	476	456	290	170	431	235



CONTROLLER CODE	DESCRIPTION	A	B	C	D	E	F
9600000106	NANDI UNIVERSAL DRIVE 3P 135A 850VDC	653	555	343	200	531	100



OUR PRESENCE



VC : 700277 SAP No. 2000017412

Apr./ 2024-25 / L7 / 0000

22 April/ 2025/R4



India : Toll Free No. 1800 103 5555 Other Countries : +91-7292 410500

SHAKTI PUMPS (INDIA) LIMITED

CIN : L29120MP1995PLC009327 | Web: www.shaktipumps.com | E-mail: info@shaktipumps.com, sales@shaktipumps.com
Corporate Office : Plot No. C-04, Silver Spring, Phase-2, Business Park, By-Pass Road, Opp D Mart, Indore-452020. (M.P.) INDIA. Tel.: +91 731 3635000
Regd. Office / Factory Add. : Plot No. 401, 402 & 413, Industrial Area, Sector - 3, Pithampur-454774, Dist. Dhar (M.P.) INDIA. Tel.: +91 7292 410500