



WATERING INDIA TO FLOW



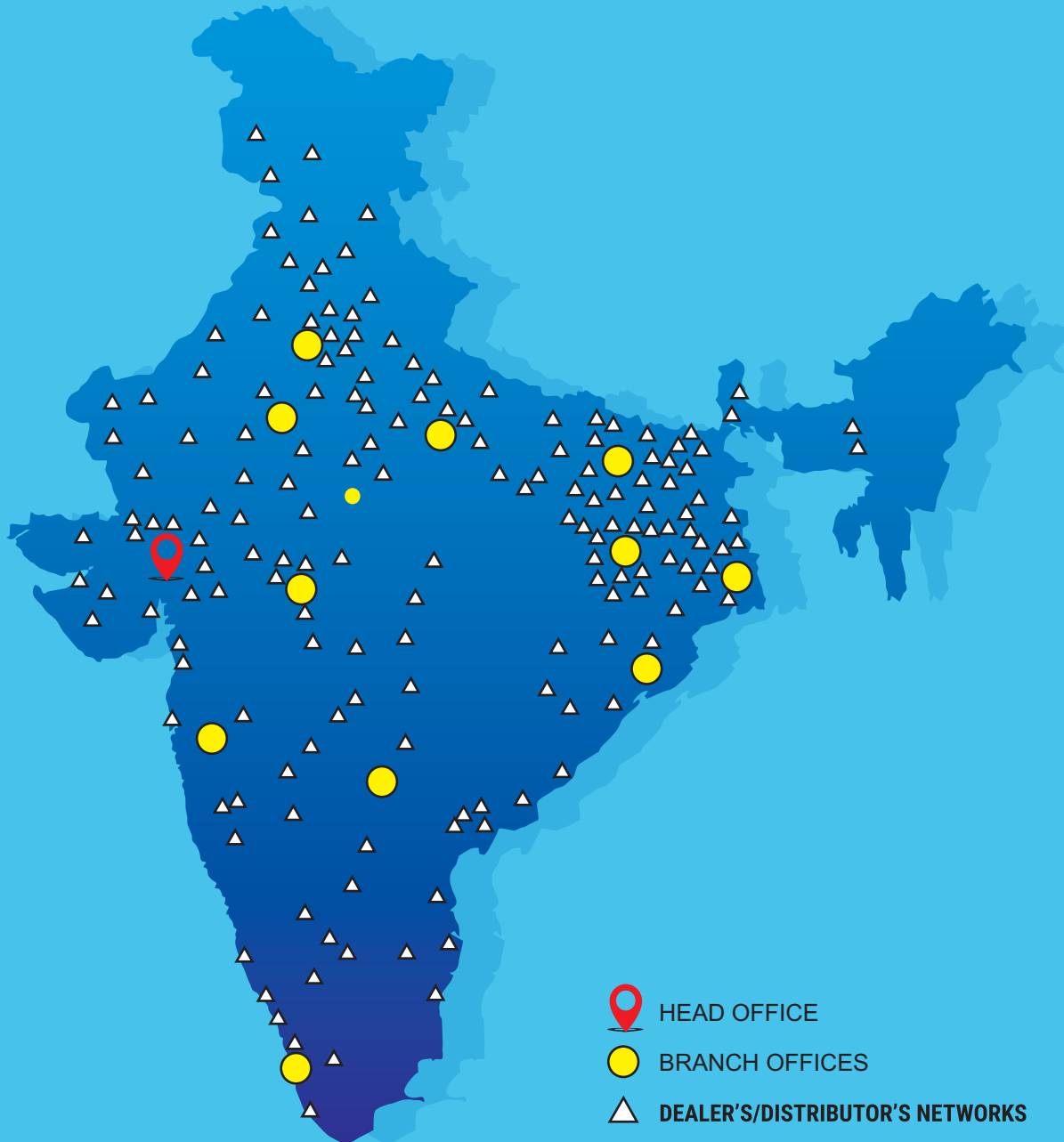
“REGENRATIVE MONOBLOCK PUMPSET”



OUR
PRODUCT
RANGE



BRANCH OFFICES/ DEALER NETWORK



OFFICES: AHMEDABAD | BHUBANESHWAR | DELHI | KANPUR |
PATNA | PUNE | RANCHI | INDORE | SECUNDERABAD



Who we are?

As India's leading manufacturer of energy efficient submersible pumps, we are well-known in our industry. We create our products for a number of sectors which include agricultural, industrial, domestic and horticultural.

Our Company is in the business of manufacturing of pumping solutions for Domestic, agriculture & Industrial sectors. Pumps includes Submersible, Self-Priming, Centrifugal Monoblock, Shallow-well and Horizontal Openwell Submersible Pumpsets since year 2004.

Company manufactures more than 700 models of pumps at its portfolio. These pumps are manufactured and marketed all over India. We are pioneer in manufacturing Submersible pumps.

The company started manufacturing in year 2004 in Chhatraal, Gujarat and moved to a strategic location of GIDC Naroda, Gujarat with an area of 5,718 sq. meters in year 2011. The company currently has an installed production capacity of approximate 1,20,000 pumps per annum. The manufacturing facilities are equipped with requisite machineries, measuring instruments and testing equipments to keep up a constant check on quality.

The company is an ISO 9001:2015 certified company for certifying the quality system of our company. Our product are having BIS mark as under:

1) Submersible Pumpsets	Against IS 8034:2002
2) Regenerative Self priming Pumpsets	Against IS 8472:1998
3) Electrical Monoset Pumps	Against IS 9079:2018
4) Openwell Submersible Pumpsets	Against IS 14220:2018
5) Motors for Submersible Pumpsets	Against IS 9283:2013

In our Submersible Pumpsets we have about 200 models are having 5 star marking issued from Bureau of Energy Efficiency and we are going to add some more models in our range of star marking products.

Our Company manufactures pumps of various sizes, structures, technicalities which form the deciding factor for the usages and pricing of the product. We require raw materials like EC grade copper winding wire and cable, stainless steel pipe, stainless steel round bar, electrical sheet stamping, CI/SS castings, etc. which are procured from various industries from domestic market. We have a dedicated team of engineers which continuously look for improving the design, performance and quality of the pumps we manufacture. Our customers are mostly dealers and direct users. Our relationship with our wide reached dealers and esteemed customer base are key factors for our success in the industry.

Our Company is promoted and managed by Mr. Kapoor Chand Garg and Mr. Pawan Garg. Our promoters are actively and fully involved in the day-to-day affairs of our company's operations. They have more than a decade of experience in the pumps industry.

Our presence in the business for more than a decade have created a brand image which is also the effort of the industry experience we have, our brand is well accepted by the market and we shall continue to strengthen our brand by providing quality products at competitive rates across the global market in coming years. Strengthen our brand by providing quality products at competitive rates across the global market in coming years.



PUMPS | MOTORS



Miles to go...



Quality Policy

with a focus on continual
improvement in customer centricity
through technological processes & innovation.

We at **Latteys Industries Limited** are compliant to applicable requirements to make our **Quality Management System** the fulcrum to achieve these core objectives and build a institution that continues to be relevant beyond a hundred years.

This policy has been dully communication to all employees & interested Parties/Dealers/Distributors to meet the needs of

QMS ISO 9001 : 2015.

Director

Dated



PUMPS | MOTORS



REGENERATIVE SELF PRIMING & SHALLOW WELL JET MONOBLOC PUMPSETS

REGENERATIVE SELF PRIMING & SHALLOW WELL JET MONOBLOC PUMPSETS

Description

Latteys Self Priming Pumps are manufactured as per IS: 8472. These Self Priming Domestic Pumps are light in weight with rugged construction design and balanced parts which give noiseless operation for a longer duration. These pumps are available from 0.50 HP to 1.50 HP

Salient Features:

- The motor body is made from extruded aluminum and cast iron for better heat dissipation.
- Capacitor starts and runs motor with IP 44 protection.
- Pre-lubricated double-shielded ball bearings for a longer life.
- High quality carbon-ceramic mechanical seal for a longer life.
- The rotating parts of motor and pump are dynamically balanced to ensure minimum noise and vibration.
- Protective Enclosure – Totally Enclosed Fan Cooled motor (TEFC) type means no dust or moisture.
- Pump can operate in wide voltage range.

Application:

High rise buildings

Car washing

Domestic & Hospitality Industry

RO water treatments

Solar Water Heater

MATERIAL OF CONSTRUCTION

Motor Body	: Aluminium extruded
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Aluminium Die Cast rotor
Windings	: Enamelled copper insulated.
Impeller	: High tensile bronze impeller
Shaft	: Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Suction Casing/Flange	: High graded Cast Iron.



REGENERATIVE SELF PRIMING & SHALLOW WELL JET MONOBLOC PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 230 VOLTS, 1- PHASE, 50 Hz, A.C. SUPPLY

MODEL		MOTOR RATING				Head (M)																
No.	kW	HP	Suc x Del	6		9	12	15	18	21	24	27	30	33	36	39	42	45	48	54	62	
LSP IV MINI MAGIC	0.4	0.5	25X25	Discharge (LPH)	1900	1700	1400	1150	1000	850												
LSP-EVO	0.4	0.5	25X25		2200	1825	1550	1300	1085	900	300											
LSP-3 STAR HERO	0.4	0.5	25X25		2500	1900	1750	1450	1300	1100	800	400										
LSP IV SUPER FLOW	0.4	0.5	25X25		2800	2200	1900	1500	1350	1200	1000	800	600									
LSPV STAR	0.8	1.0	25X25		2900	2250	2000	1650	1500	1350	1100	850	675	300								
LSPV	0.8	1.0	25X25		2900	2400	2100	1800	1600	1500	1275	1100	900	675	300							
LSP VI JAL SUPREME	0.8	1.0	25X25		3200	2820	2730	2500	2300	2150	2000	1800	1600	1580	1250	900	520					
LSP DRONE1	0.8	1.0	25X25		3500	3300	3100	2700	2500	2300	2200	2000	1800	1700	1500	1000						
LSP DRONE XTRA	1.1	1.5	25X25		4500	3800	3600	3400	3300	3100	3000	2700	2500	2200	2000	1800	1600	1400	1200	900	400	
LSP CELINO 1	0.8	1.0	25X25		4050	3780	3560	3230	3120	3010	2900	2580	2360	2030	1810	1590	1370	1150	950			
LSP CELINO 15	1.1	1.5	25X25		4070	3800	3580	3250	3140	3030	2920	2600	2380	2050	1830	1610	1390	1170	970			
LSP CELINO2	1.1	1.5	25X25								5200	5000	4850	4700	4500	4170	3500	2800	2480	1800		
LSJ 600 SHALLO WELL	0.4	0.5	25X25		3250	3200	3100	3000	2900	2500	1800	1400	900	700								
LSJ 650 SHALLO WELL	0.8	1.0	25X25		3260	3210	3130	3010	2940	2540	1830	1420	910	725								
LSJ 700 SHALLO WELL	0.8	1.0	25X25	3700	3400	3300	3250	3150	3150	3100	2450	2000	1400	1000	400							
LSJ1000 SHALLOWELL	0.8	1.0	25X25	4100	3650	3550	3500	3475	3400	3350	2600	2250	1700	1300	700	500						

MODEL		MOTOR RATING			Discharge (LPH)	Head (M)												
No.	kW	HP	Suc x Del	6		9	12	15	18	21	24	27	30	33	36	39	42	
LSPH-90 ALPHA	0.4	0.5	25X25	1600		1350	1200	1000	825	600	400							
LSPH-90	0.4	0.5	25X25	1700		1500	1400	1200	1000	800	750	600	400					
LSPF-100	0.8	1.0	25X25	1900		1600	1500	1300	1000	900	800	650	500					
LSPF-150	0.8	1.0	25X25	2000		1700	1600	1320	1220	1100	950	850	720	610	510	390	250	
LSPCF-150	0.8	1.0	25X25	2000		1700	1600	1320	1220	1100	950	850	720	610	510	390	250	

MODEL		MOTOR RATING			Head (M)										
No.	kW	HP	Suc x Del	Discharge (LPH)	6	9	12	15	18	21	24	27	30	33	36
LSP-H80/1440	0.5	0.4	2.5/1"		2500	2300	2100	1900	1650	1300	1100				
LSP-F100/1440	1.0	0.8	2.5/1"		2500	2250	2050	1850	1650	1450	1250	800	600		
LSPC-F130/1440	1.0	0.8	2.5/1"		3400	3300	3200	2950	2800	2550	2300	2100	1900	1650	1450

Performance may vary depending on Voltage, Frequency and Field Condition

CENTRIFUGAL BOOSTER PUMPS

Up-surged, Incessant and Reliable.

For clear, cold water free from abrasive & chemically aggressive particles to satisfy the needs of residential pressure

boosting applications

*Max. liquid temperature 90°C

Premium quality pump sets

Rust preventive Aluminum

die-casted motor body

Rigid built cast iron casings

Stainless steel hardware

Fitted with hot water seal

Imported pressure tank.

F-class insulation

Operating/Technical specifications

Input supply	: 1Φ AC, 180-240V*, 50Hz (*Voltage required at motor input terminal)
Power range	: 0.37 – 1.1kW (0.5 to 1.5HP)
Flow range	: 7900 - 550 LPH
Pressure range	: 1.5 - 4.5 bar
Rated Speed	: 2800rpm
Type of duty	: S1 (Continuous)
Insulation class	: F
Rotation	: Counter clockwise, when viewed from pump side



Aluminum pressure die-casted body

SS Impeller

99.9% pure copper winding wires

Superior quality electrical stamping

SS410 motor shaft

High quality double sealed ball bearings

F Class insulation

SS Hardware

World class pressure tanks

: For non-corrosive, long lasting life.

: For rust free and consistent performance. (Except for mini boosters with brass impellers).

: Provide better electrical operational characteristics.

: Ascertain highly efficient motor.

: Offers rust free, stuck free persistent operation.

: For a smooth & silent functioning.

: Improved insulation protection and prevents unwanted energy losses.

: Ensures endurance against aggressive corrosion failures.

: Imported tanks are meant to assure safe working and prolonged operational consistency

PRESSURE BOOSTERS



MODEL		MOTOR RATING			LATTEYS PRESSURE BOOSTERS				
No.	kW	HP	STAGE	PUMP	TANK CAPACITY (L)	DAWDOWN CAPACITY (L)	PRESSURE SETTING (KG/CM2)	MAX CAPACITY (LPH)	SUITABLE FOR
LBP-EVO	0.37	0.50	1	INLINE	1	9	1.5 TO 3	3200	1 BATHROOM
LBP50ALPHA	0.37	0.50	1	INLINE	1	9	1.5 TO 3	3500	1 BATHROOM
LBP52ALPHA	0.37	0.50	2	INLINE	8	10	1.9 TO 4.5	4000	2 BATHROOMS
LBP53ALPHA	0.37	0.50	3	INLINE	15	10	1.9 TO 4.5	4800	3 BATHROOMS
LBP104ALPHA	0.75	1.00	4	INLINE	24	12	1.9 TO 4.5	5800	4 BATHROOMS
LBP105ALPHA	0.75	1.00	5	INLINE	24	12	1.9 to 4.5	6000	5 BATHROOMS

Performance may vary depending on Voltage, Frequency and Field Condition

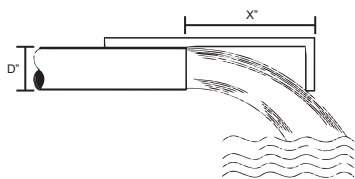
SUBMERSIBLE PUMPSET CABLE SELECTION CHART

HP	CABLE LENGTH IN METERS																				
	10	20	30	40	50	60	70	80	90	100	120	140	180	200	250	300	350	400	450	500	
	Cable Size in Sq.mm																				
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	4.00	4.00
2.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	4.00	4.00	4.00	4.00	4.00
3.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	4.00	4.00	4.00	4.00	4.00	6.00	6.00	6.00
4.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	4.00	4.00	6.00	6.00	6.00	6.00	6.00	10.00	10.00
5.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	10.00
6.00	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	10.00	10.00
7.50 S	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	16.00	16.00	16.00
7.50 D	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	4.00	4.00	4.00	6.00	6.00	6.00	10.00	10.00	10.00
10.00	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	10.00	16.00
12.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	16.00	16.00	16.00
15.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	10.00	10.00	16.00	16.00	16.00	16.00
17.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	10.00	16.00	16.00	16.00	16.00	25.00	25.00
20.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	10.00	16.00	16.00	16.00	25.00	25.00	25.00	25.00
25.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	6.00	6.00	10.00	10.00	16.00	16.00	16.00	25.00	25.00	25.00	25.00	25.00
30.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	10.00	10.00	10.00	16.00	16.00	25.00	25.00	25.00	35.00	35.00	35.00
40.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	16.00	16.00	25.00	25.00	25.00	35.00	35.00	50.00	50.00	50.00
50.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	25.00	25.00	35.00	35.00	35.00	50.00	50.00	50.00	70.00	70.00
60.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	35.00	35.00	50.00	50.00	50.00	70.00	70.00	70.00	70.00	70.00
70.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	35.00	35.00	50.00	50.00	50.00	70.00	70.00	70.00	70.00	70.00
80.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	70.00	70.00	70.00	95.00	95.00	95.00	95.00	95.00

Conversion Table: 1m = 3.28 ft | 1 ft = 0.305 m

For other Voltages the cable size is to be selected as follows:
 Calculated length = (220 / Volt) x actual length.

HORIZONTAL DISTANCE "X" IN INCHES	DISCHARGE MANAGEMENT CHART								
	DISCHARGE RATE (GALLONS PER MINUTE)								
	1"	1.25"	1.5"	2"	2.5"	3"	4"	5"	6"
1	5.7	9.8	13.3	22.0	31.0	49.0	83.0	130.0	190.0
2	7.1	12.2	16.6	28.0	39.0	61.0	104.0	165.0	240.0
3	8.5	14.7	20.0	33.0	47.0	73.0	125.0	195.0	285.0
4	10.0	17.1	23.2	39.0	55.0	85.0	146.0	230.0	335.0
5	11.3	19.6	26.5	44.0	62.0	98.0	166.0	260.0	380.0
6	12.8	22.0	29.8	50.0	70.0	110.0	187.0	295.0	430.0
7	14.2	24.5	33.2	55.0	78.0	122.0	208.0	325.0	475.0
8	15.6	26.0	36.5	61.0	86.0	134.0	229.0	360.0	525.0
9	17.0	29.0	39.0	66.0	94.0	147.0	250.0	390.0	570.0
10	18.5	31.5	43.0	72.0	101.0	159.0	270.0	425.0	620.0
11	20.0	34.0	46.5	77.0	109.0	171.0	291.0	450.0	665.0
12	21.3	36.3	49.6	83.0	117.0	183.0	312.0	490.0	710.0
13	22.7	39.0	53.0	88.0	125.0	196.0	333.0	520.0	760.0
14	24.1	41.5	56.3	94.0	133.0	208.0	353.0	555.0	810.0
15	25.5	43.7	59.6	99.0	140.0	220.0	374.0	590.0	855.0
16	27.0	46.2	62.9	105.0	148.0	232.0	395.0	620.0	905.0
17	28.4	48.6	66.2	111.0	156.0	244.0	416.0	650.0	950.0
18	29.8	51.0	69.5	116.0	164.0	256.0	437.0	685.0	1000.0
19	31.2	53.5	72.8	122.0	172.0	269.0	457.0	720.0	1050.0
20	32.7	55.9	76.1	127.0	179.0	281.0	478.0	750.0	1095.0
21	34.1	58.3	79.4	133.0	187.0	293.0	499.0	780.0	1140.0
22	35.5	60.7	82.7	138.0	195.0	306.0	520.0	815.0	1190.0
23	36.9	63.2	86.0	144.0	203.0	318.0	541.0	845.0	1235.0
24	38.3	65.6	89.3	149.0	211.0	330.0	561.0	880.0	1285.0



EXAMPLE :
HORIZONTAL DISTANCE
NORMAL PIPE DIAMETER
DISCHARGE

"X" = 15"
"D" = 2"
Q = 83 GPM

FOR CONVERSION OF GALLONS PER
MINUTE:
TO LITRES PER SECONDS:
 $83 \text{ GPM} = 83 \times 4.54 / 60 = 6.28 \text{ LPS}$

GENERATOR SELECTION CHART				
MOTOR			RECOMMENDED GENERATOR CAPACITY	
			INTERNALLY REGULATED	
S.No.	kW	HP	kW	HP
1	0.37	0.5	1.5	1.9
2	0.55	0.75	2	2.5
3	0.75	1	2.5	3.125
4	1.10	1.5	3	3.8
5	1.50	2	5	4
6	2.20	3	5	6.25
7	3.00	4	6	7.5
8	3.70	5	7.5	9.4
9	5.50	7.5	10	12.5
10	7.50	10	15	18.8
11	11.0	15	20	25
12	15.00	20	25	31
13	18.50	25	30	37.5
14	22.00	30	40	50
15	26.00	35	45	56.25
16	30.00	40	50	62.5
17	37.00	50	60	75
18	45.00	60	75	94
19	55.00	75	100	125
20	75.00	122	150	188
21	93.00	125	175	219



To Know More About Us Please Scan Here



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