RACE
GROUP (K) LTD



RG SUBMERSIBLE PUMPS & MOTORS 50Hz

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RACE GROUP (K) LTD

Stainless Steel Submersible Borehole Pumps & Motors

Our Vision Your Future.

Race Group Pumps have utilized their experience of over 3 decades in pump designing and manufac-turing of efficient pumps for the Indian and global markets. The manufacturing unit is located at Rajkot in Gujarat and equipped with the best of the machines available in the global market, ensur-ing high product quality. Own foundry supplies the castings for pumps. Strict quality control checks ensure high-quality products during the manufacturing process. R G pumps are designed, tested and developed for global markets with manufacturing processes focused on consistent high quality of pumps.

OBJECTIVE

With the objective to revolutionize the domestic, industrial and agricultural pumps market, RG pumps have launched a wide range of technologically advanced products. The pumps are designed and developed with own research centre are now available for domestic and agriculture use.

PRODUCT RANGE

Our product range includes self priming pumps, centrifugal pumps, open well submersible pumps and bore well submersible pumps. We are also manufacturing fully stainless steel fabricated bore well submersible pump sets for solar application along with controller and high pressure vertical inline pumps.



DEVELOPMENT

We have developed Permanent Magnet Synchronous Motor (PMSM) Technology for solar pump application. These fully stainless steel PMSM motors are latest in technology and offer best performance in low voltage working and better efficiency than the regular pumps. These PMSM solar pumps are giving more daily water output and have longer working life cycle. These motors are lightweight and compact in size. These products are available in India now and fulfilling global demand for high technology products.

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WHY CHOOSE US ?

Proven Industry Expertise

Our experienced team delivers dependable water and energy solutions that meet customer needs with consistent excellence.

Quality You Trust

We provide reliable, long lasting products designed to ensure efficient performance across all application environments.

Customer First Always

We focus on personalized service, ensuring every client receives timely support and the best tailored solutions.

Mission

To provide reliable water & pumping solutions that empower individuals, businesses, and industrie to operate efficiently while conserving resources.

Vision

To be the leading partner in sustainable water and energy solutions, recognized for excellence, trust & innovation across Africa and beyond.

Core Values

- ✓ Customer Commitment
- ✓ Innovation
- ✓ Integrity
- ✓ Quality and reliabiity
- ✓ Excellence in Service

Our Objective

Our objective is to deliver reliable and efficient water and energy solutions that help clients improve productivity, reduce operational costs, and achieve sustainable performance across residential, commercial, agricultural, and industrial applications.

We strive to provide innovative systems designed to meet diverse needs, ensuring long term value and dependable service. Our commitment is to support growth, enhance efficiency, and promote sustainable development within Kenya's evolving water and energy sector.

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Components



V-4
COMPONENTS



V-6
COMPONENTS



V-8
COMPONENTS

QUALITY SYSTEMS **ISO 9001 : 2015** CERTIFIED

QUALITY SYSTEMS **ISO 14001 : 2015** CERTIFIED

QUALITY SYSTEMS **ISO 45001** CERTIFIED

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RACE GROUP (K) LTD

Overview



RG Pumps, today, is recognized in the market for its high quality standard products, efficient and tougher technology new product developments and business practices.

Today we are proud to prove it once again with development of fully stainless steel submersible pump products. We have once again tried to achieve the international bench mark standards for these products. We have successfully developed fully SS pumps in 304 grades. Made from most critical design and process, We have made it simple and easy for a customer to use a non corrosive, highly technical and sturdy but light weight pumps to fulfill their day to day requirements of water.

About the pump :- We have offered a comprehensive range of full SS pump in V-4, V-6 & V-8 section, with a very sturdy and tough technology product. It is designed meticulously to lowest friction and highest performance with longer trouble free working life. The use of SS 304 grades ensure non corrosion & longer life. Guide bushes and rings are elastic nature, allow the sand particles to flow along with the water discharge, hence preventing the abrasion of bush and self ensuring low maintenance of the pump. Even the light weight and self balanced impellers ensure high efficiency and longer life motor as well.

Technical Specifications

Nominal Dia	V4	V6	V8
Maximum Outer Diameter	98mm	146mm	196mm
Power Range	0.5 HP to 10.0 HP (0.37 kW to 7.5 kW)	3.0 HP to 50.0 HP (2.2 kW to 37.0 kW)	10.0 HP to 100.0 HP (7.5 kW to 75.0 kW)
Type of Motor	Asynchronous Induction Motor	Asynchronous Induction Motor	Asynchronous Induction Motor
Speed	3000rpm	3000rpm	3000rpm
Versions	230V (+6% to -15%) 1PH 415V (+6% to -15%), 3PH	415V (+6% to -15%)	415V (+6% to -15%)
Class of Insulation	B	B	B
Type of Winding	Wet, Rewindable	Wet, Rewindable	Wet, Rewindable
Degree of Protection	IP 68	IP 68	IP 68
Direction of Rotation	Anti Clockwise Observed When view from Top	Anti Clockwise Observed When view from Top	Anti Clockwise Observed When view from Top
Type of Duty	S1 (continuous)	S1 (continuous)	S1 (continuous)
Maximum Liquid Temperature	45°C	45°C	45°C
Shaft Type	Splined as per NEMA	Splined as per NEMA	Splined as per NEMA
Mounting Standard	NEMA Standard	NEMA Standard	NEMA Standard
Method of Starting	DOL / SD / Auto-Transformer / Soft Starter	DOL / SD / Auto-Transformer / Soft Starter	DOL / SD / Auto-Transformer / Soft Starter
Head Range	Upto 649 meter	Upto 660 meter	Upto 400 meter
Flow Rate	225 LPM/ 13.5 M^3/H	1400 LPM/ 84.0 M^3/H	2100 LPM/ 126.0 M^3/H
Delivery Size	32.0MM / 1.25", 40.0MM / 1.5", 50.0MM / 2.0"	65.0MM / 2.5", 80.0MM / 3.0", 100.0MM / 4.0"	125.0MM / 5.0"

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Applications



Stainless steel pumps are used to fulfill daily water needs. Pumps are used for residential, gardening, farming, irrigation and drinking water supply. The pumps are also used for industrial applications of clean water supply.



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Features and benefits

NEMA Standard Coupling Parts:

We are manufacturing all coupling parts of the pumps and motors according to the NEMA standard.



Low Installation and Maintenance Cost:

Stainless Steel Means

Less Weight **Less Corrosion** **Reduces Equipment costs**

Inlet Strainer:

The inlet strainer prevents particles over a certain size from entering the pump.

Bearing and Sand Channel:

We are using a square shape bearing which is water lubricated. The square shape of the bearing enables sand particles, if any, to leave the pump together with the pumped water

Material of Construction:

Race Groups pumps offer a wide range of pumps fabricated of AISI 304 stainless steel material. The robust design of the pumps reduces the risk of corrosion and enhances life. All pumps are equipped with water lubricated bearings, rubber rings, bush bearing.

High Pump Efficiency:

RG pumps are designed for high performance using the best material. The high efficiency of the pumps and motors gives more output with less energy in less time. We are using state-of-the-art computerized technology for designing and manufacturing. We are using the steel metal sheet which is having a very low coefficient of friction leading to higher efficiency and low life cycle cost.

Widest Range of Pumping:

RG pumps offer a wide range of stainless steel pumps which are in the range of up to 65 m^3/h. In the range of energy-efficient pumps, pumps are available with multiple sizes and optional stages capable of matching any duty point.

Stop Ring:

The stop ring prevents damage to the pump during transportation and in case of upthrust while starting. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft. The stationary part of the stop ring is secured in the upper chamber.

Non-return Valve:

All pumps are fitted with reliable non return valves to prevent backflow, reduce water hammer risks, minimize pressure loss, and improve overall pumping efficiency through optimized hydraulic design.

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RG 2

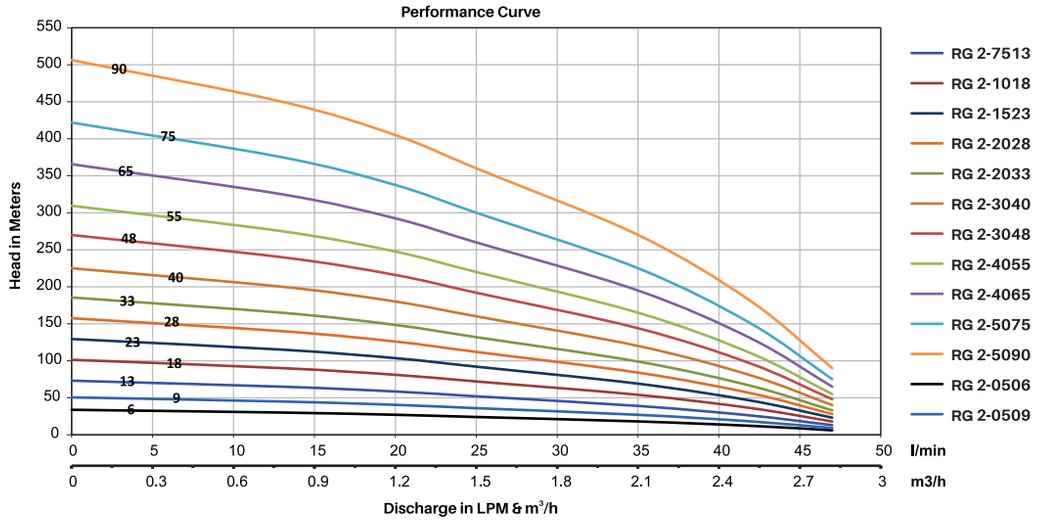


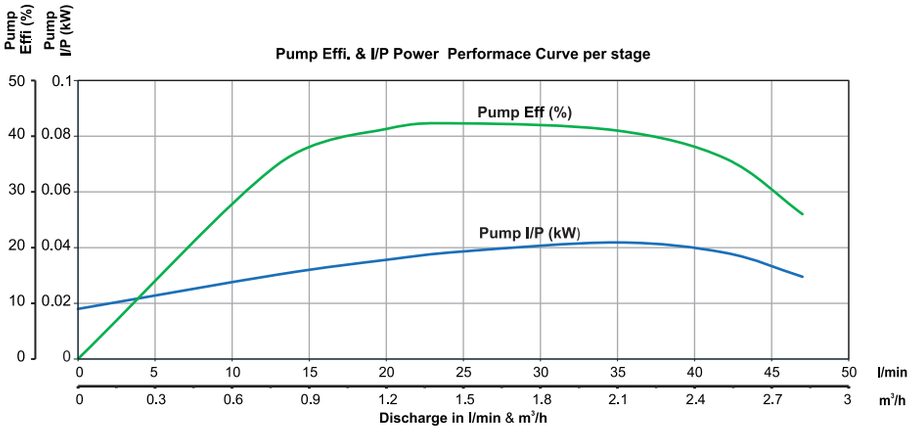
4" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 32MM(1.25") m^3/h / l/min	Flow Q 0 / 0	0.8 / 13	1.2 / 20	1.5 / 25	2.1 / 35	2.5 / 42	2.8 / 47
1	RG 2-0506	0.37	0.50	6		34	30	27	24	18	12	6
2	RG 2-0509	0.37	0.50	9		51	45	41	36	27	18	9
3	RG 2-7513	0.55	0.75	13		73	65	59	52	39	26	13
4	RG 2-1018	0.75	1.00	18		101	90	81	72	54	36	18
5	RG 2-1523	1.10	1.50	23		129	115	104	92	69	46	23
6	RG 2-2028	1.50	2.00	28		158	140	126	112	84	56	28
7	RG 2-2033	1.50	2.00	33	H (m)	186	165	149	132	99	66	33
8	RG 2-3040	2.20	3.00	40		225	200	180	160	120	80	40
9	RG 2-3048	2.20	3.00	48		270	240	216	192	144	96	48
10	RG 2-4055	3.00	4.00	55		309	275	248	220	165	110	55
11	RG 2-4065	3.00	4.00	65		366	325	293	260	195	130	65
12	RG 2-5075	3.70	5.00	75		422	375	338	300	225	150	75
13	RG 2-5090	3.70	5.00	90		506	450	405	360	270	180	90





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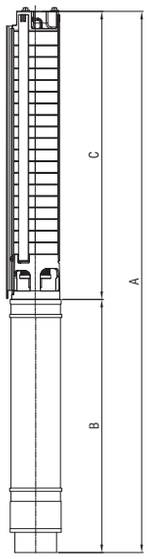
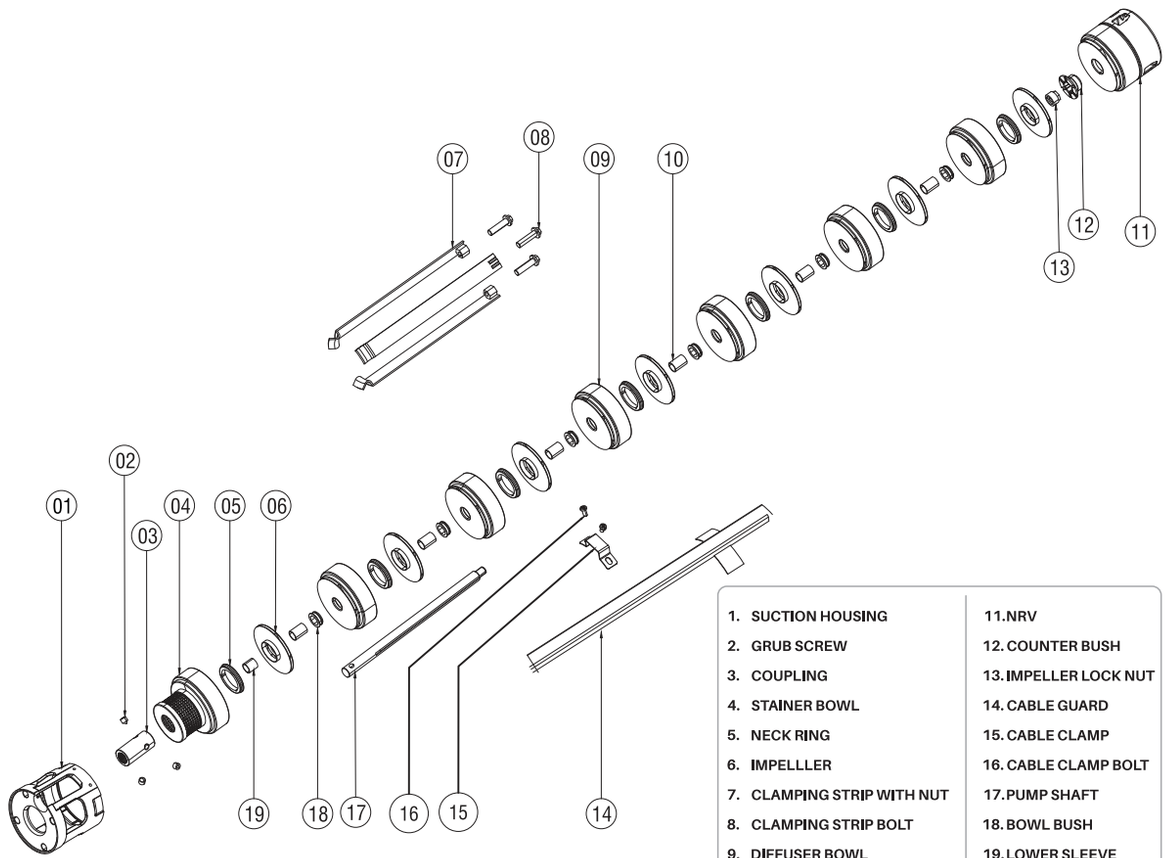
RG 2

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	
RG 2-0506	5.30	-	16.00	-	708	-	416	-	292
RG 2-0509	5.30	-	16.00	-	776	-	416	-	360
RG 2-7513	6.20	-	19.00	-	892	-	441	-	451
RG 2-1018	7.50	2.70	23.00	9.00	1031	1031	466	466	565
RG 2-1523	10.50	4.00	32.00	15.00	1259	1259	516	516	743
RG 2-2028	13.80	4.80	41.00	19.00	1453	1453	596	596	857
RG 2-2033	13.80	4.80	41.00	19.00	1567	1567	596	596	971
RG 2-3040	19.80	6.90	59.00	28.00	1785	1785	655	655	1130
RG 2-3048	19.80	6.90	59.00	28.00	1998	1998	655	655	1343
RG 2-4055	26.00	9.00	78.00	36.00	2207	2207	705	705	1502
RG 2-4065	26.00	9.00	78.00	36.00	2435	2435	705	705	1730
RG 2-5075	33.00	10.60	99.00	42.00	2753	2753	765	765	1988
RG 2-5090	33.00	10.60	99.00	42.00	3095	3095	765	765	2330



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.



1. SUCTION HOUSING
2. GRUB SCREW
3. COUPLING
4. STAINER BOWL
5. NECK RING
6. IMPELLLER
7. CLAMPING STRIP WITH NUT
8. CLAMPING STRIP BOLT
9. DIFFUSER BOWL
10. SHAFT SLEEVE
11. NRV
12. COUNTER BUSH
13. IMPELLER LOCK NUT
14. CABLE GUARD
15. CABLE CLAMP
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17. PUMP SHAFT
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RACE GROUP (K) LTD

RG 3

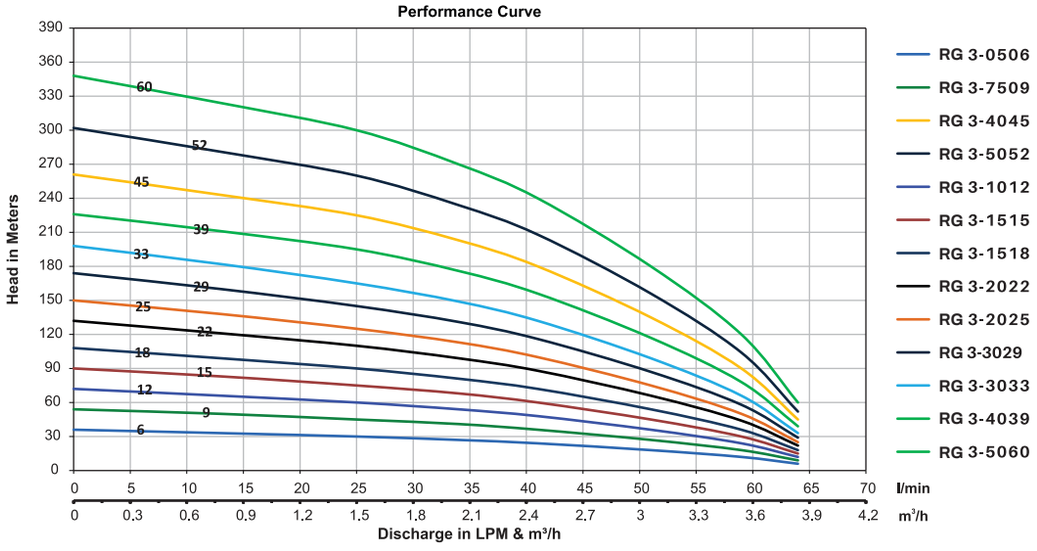


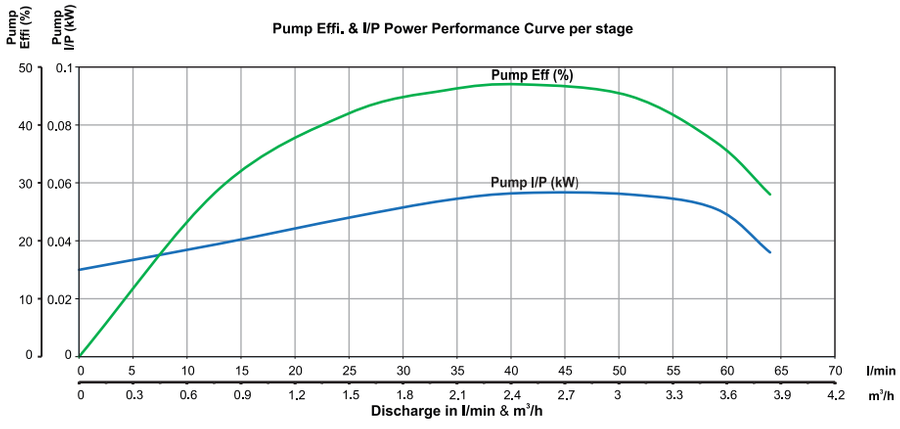
4" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 32MM(1.25") m^3/h	Flow Q 0	0.8	1.5	2.0	2.5	3.1	3.5	3.8
					l / min	0	13	25	34	41	51	59	64
1	RG 3-0506	0.37	0.50	6		36	33	30	27	24	18	12	6
2	RG 3-7509	0.55	0.75	9		54	50	45	41	36	27	18	9
3	RG 3-1012	0.75	1.00	12		72	66	60	54	48	36	24	12
4	RG 3-1515	1.10	1.50	15		90	83	75	68	60	45	30	15
5	RG 3-1518	1.10	1.50	18		108	99	90	81	72	54	36	18
6	RG 3-2022	1.50	2.00	22		132	121	110	99	88	66	44	22
7	RG 3-2025	1.50	2.00	25	H (m)	150	138	125	113	100	75	50	25
8	RG 3-3029	2.20	3.00	29		174	160	145	131	116	87	58	29
9	RG 3-3033	2.20	3.00	33		198	182	165	149	132	99	66	33
10	RG 3-4039	3.00	4.00	39		226	211	195	176	156	117	78	39
11	RG 3-4045	3.00	4.00	45		261	243	225	203	180	135	90	45
12	RG 3-5052	3.70	5.00	52		302	281	260	234	208	156	104	52
13	RG 3-5060	3.70	5.00	60		348	324	300	270	240	180	120	60





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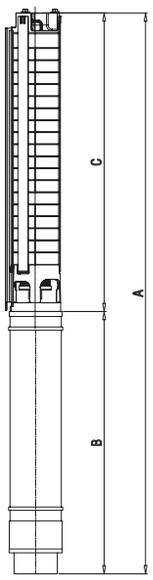
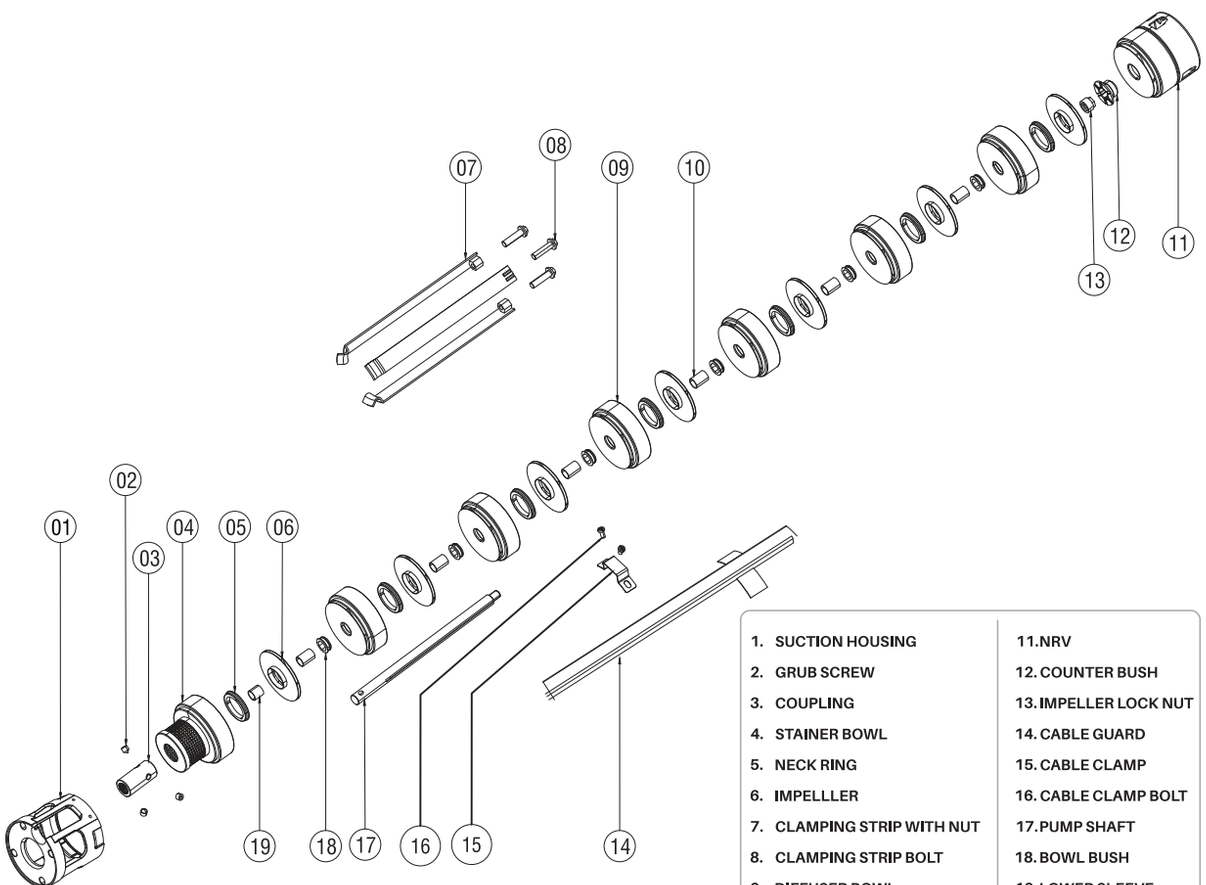
RG 3

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	
RG 3-0506	5.30	-	16.00	-	708	-	416	-	292
RG 3-7509	6.20	-	19.00	-	801	-	441	-	360
RG 3-1012	7.50	2.70	23.00	9.00	895	895	466	466	429
RG 3-1515	10.50	4.00	32.00	15.00	1013	1013	516	516	497
RG 3-1518	10.50	4.00	32.00	15.00	1081	1081	516	516	565
RG 3-2022	13.80	4.80	41.00	19.00	1317	1317	596	596	721
RG 3-2025	13.80	4.80	41.00	19.00	1385	1385	596	596	789
RG 3-3029	19.80	6.90	59.00	28.00	1535	1535	655	655	880
RG 3-3033	19.80	6.90	59.00	28.00	1626	1626	655	655	971
RG 3-4039	26.00	9.00	78.00	36.00	1812	1812	705	705	1107
RG 3-4045	26.00	9.00	78.00	36.00	1949	1949	705	705	1244
RG 3-5052	33.00	10.60	99.00	42.00	2139	2199	705	765	1434
RG 3-5060	33.00	10.60	99.00	42.00	2321	2381	705	765	1616



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.



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19. LOWER SLEEVE

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RG 5

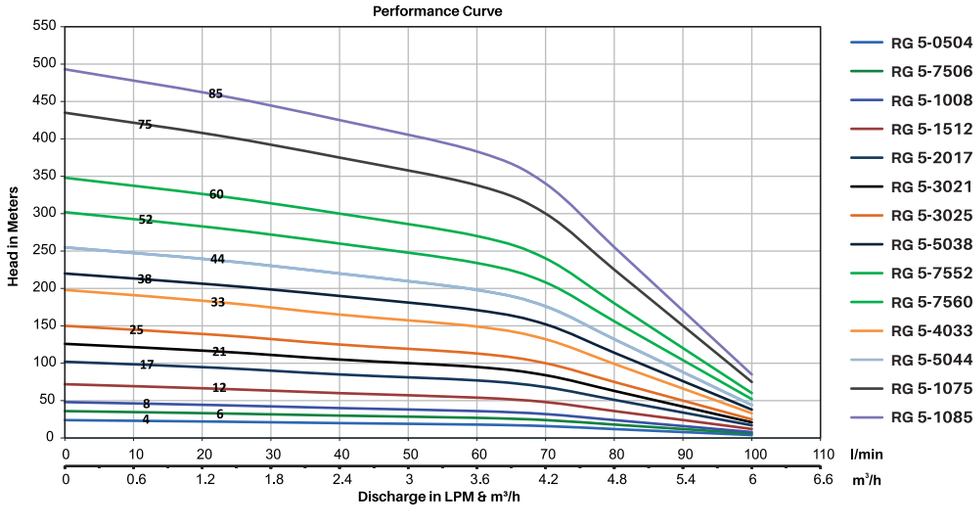


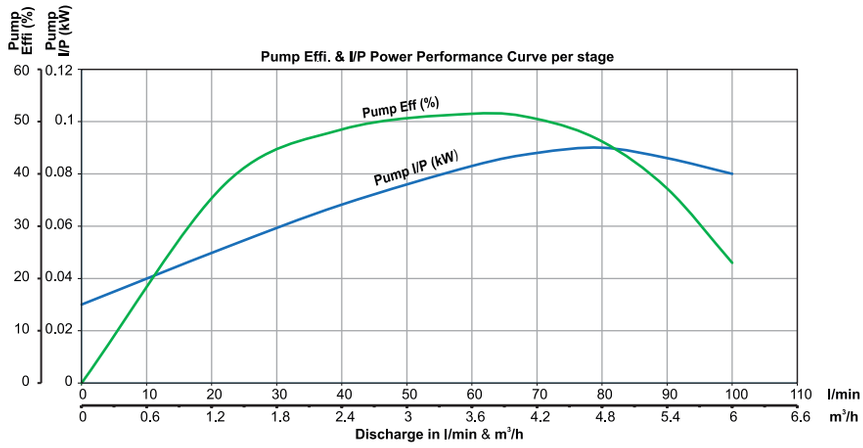
4" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 40MM(1.50") m^3/h	Flow Q 0	1.3	2.4	3.6	4.2	4.8	5.4	6.0
					l / min	0	22	40	60	70	80	90	100
1	RG 5-0504	0.37	0.50	4		24	22	20	18	16	12	8	4
2	RG 5-7506	0.55	0.75	6		36	33	30	27	24	18	12	6
3	RG 5-1008	0.75	1.00	8		48	44	40	36	32	24	16	8
4	RG 5-1512	1.10	1.50	12		72	66	60	54	48	36	24	12
5	RG 5-2017	1.50	2.00	17		102	94	85	77	68	51	34	17
6	RG 5-3021	2.20	3.00	21		126	116	105	95	84	63	42	21
7	RG 5-3025	2.20	3.00	25	H (m)	150	138	125	113	100	75	50	25
8	RG 5-4033	3.00	4.00	33		198	182	165	149	132	99	66	33
9	RG 5-5038	3.70	5.00	38		220	205	190	171	152	114	76	38
10	RG 5-5044	3.70	5.00	44		255	238	220	198	176	132	88	44
11	RG 5-7552	5.50	7.50	52		302	281	260	234	208	156	104	52
12	RG 5-7560	5.50	7.50	60		348	324	300	270	240	180	120	60
13	RG 5-1075	7.50	10.00	75		435	405	375	338	300	225	150	75
14	RG 5-1085	7.50	10.00	85		493	459	425	383	340	255	170	85





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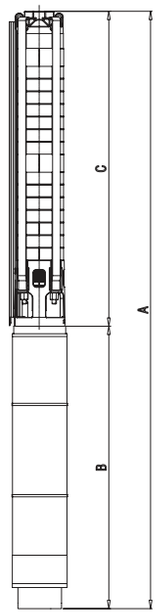
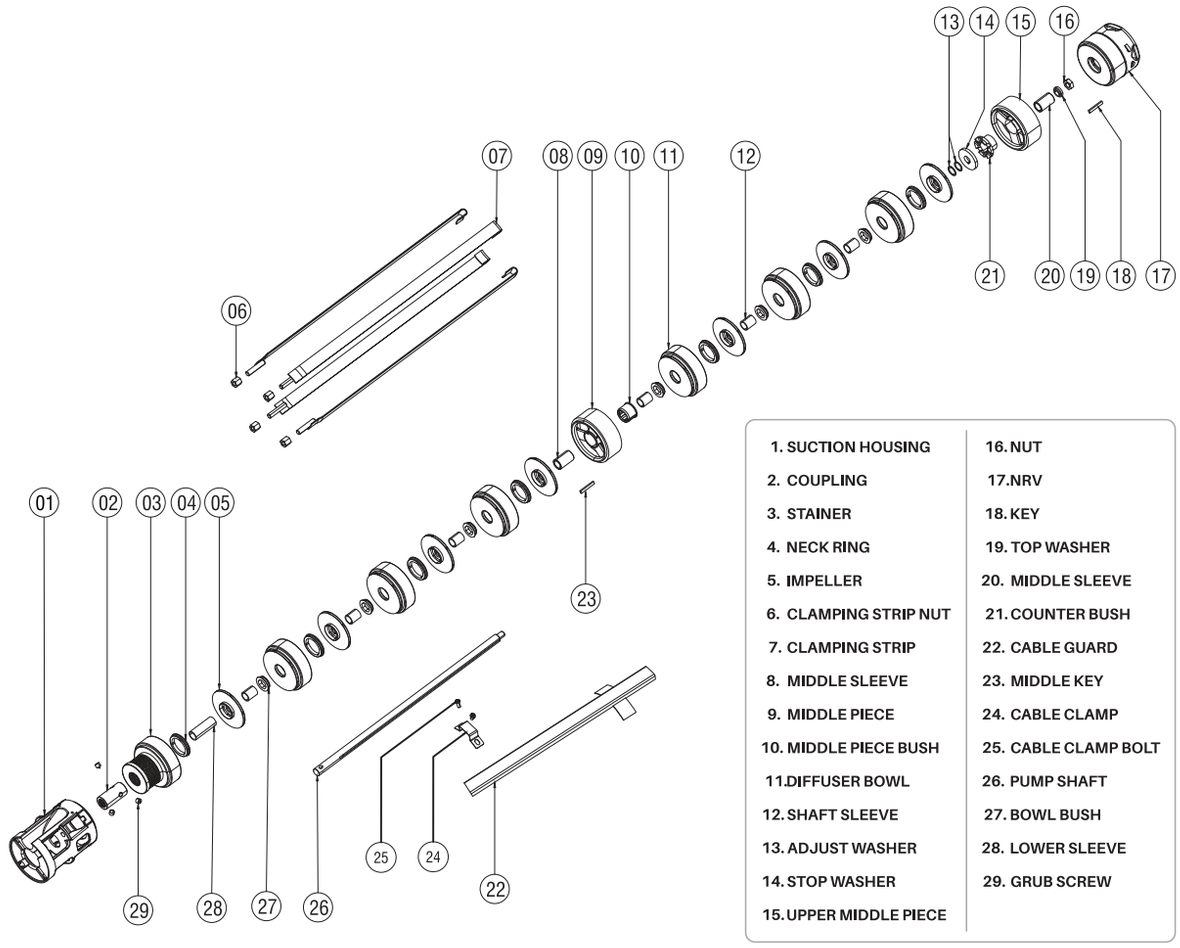
RG 5

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	
RG 5-0504	5.30	-	16.00	-	663	-	416	-	247
RG 5-7506	6.20	-	19.00	-	733	-	441	-	292
RG 5-1008	7.50	2.70	23.00	9.00	804	804	466	466	338
RG 5-1512	10.50	4.00	32.00	15.00	945	945	516	516	429
RG 5-2017	13.80	4.80	41.00	19.00	1138	1138	596	596	542
RG 5-3021	19.80	6.90	59.00	28.00	1353	1353	655	655	698
RG 5-3025	19.80	6.90	59.00	28.00	1444	1444	655	655	789
RG 5-4033	26.00	9.00	78.00	36.00	1676	1676	705	705	971
RG 5-5038	33.00	10.60	99.00	42.00	1850	1850	765	765	1085
RG 5-5044	33.00	10.60	99.00	42.00	1986	1986	765	765	1221
RG 5-7552	-	15.50	-	62.00	-	2289	-	855	1434
RG 5-7560	-	15.50	-	62.00	-	2471	-	855	1616
RG 5-1075	-	19.50	-	78.00	-	2923	-	935	1988
RG 5-1085	-	19.50	-	78.00	-	3151	-	935	2216



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.



1. SUCTION HOUSING	16. NUT
2. COUPLING	17. NRV
3. STAINER	18. KEY
4. NECK RING	19. TOP WASHER
5. IMPELLER	20. MIDDLE SLEEVE
6. CLAMPING STRIP NUT	21. COUNTER BUSH
7. CLAMPING STRIP	22. CABLE GUARD
8. MIDDLE SLEEVE	23. MIDDLE KEY
9. MIDDLE PIECE	24. CABLE CLAMP
10. MIDDLE PIECE BUSH	25. CABLE CLAMP BOLT
11. DIFFUSER BOWL	26. PUMP SHAFT
12. SHAFT SLEEVE	27. BOWL BUSH
13. ADJUST WASHER	28. LOWER SLEEVE
14. STOP WASHER	29. GRUB SCREW
15. UPPER MIDDLE PIECE	

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RG 7

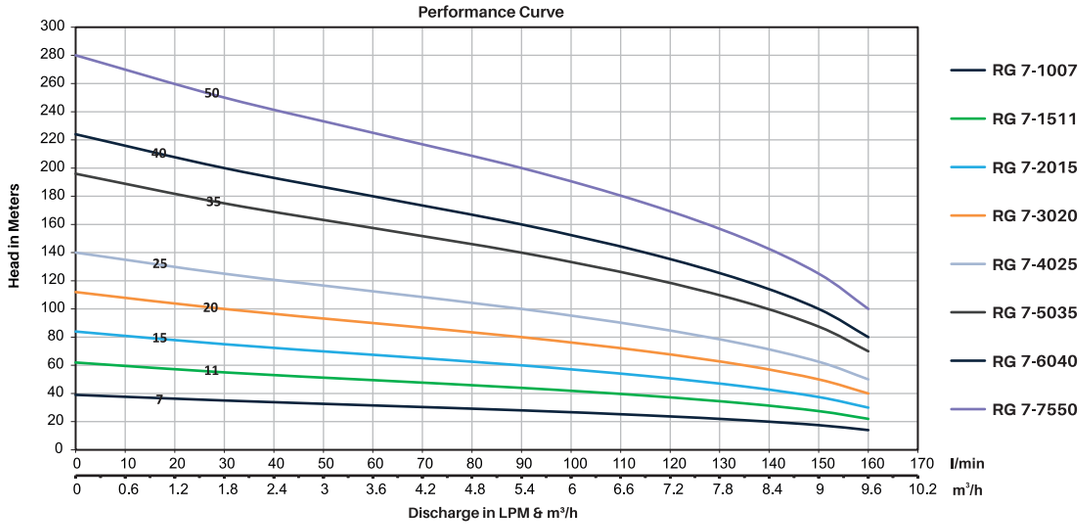


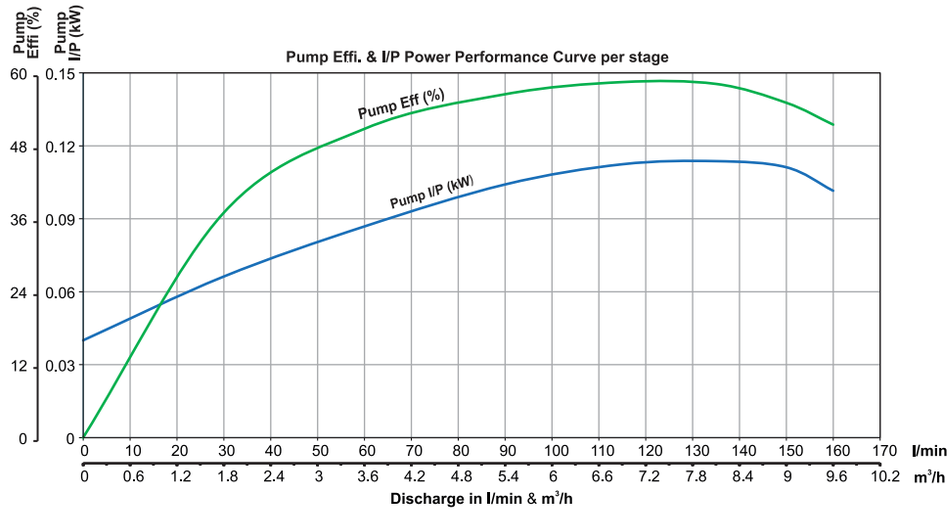
4" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 50MM(2.00") m^3/h		Flow Q					
					l / min	0	1.8	3.6	5.4	6.9	8.1	9.0	9.6
						0	30	60	90	115	135	150	160
1	RG 7-1007	0.75	1.00	7		39	35	32	28	25	21	18	14
2	RG 7-1511	1.10	1.50	11		62	55	50	44	39	33	28	22
3	RG 7-2015	1.50	2.00	15		84	75	68	60	53	45	38	30
4	RG 7-3020	2.20	3.00	20	H (m)	112	100	90	80	70	60	50	40
5	RG 7-4025	3.00	4.00	25		140	125	113	100	88	75	63	50
6	RG 7-5035	3.70	5.00	35		196	175	158	140	123	105	88	70
7	RG 7-6040	4.50	6.00	40		224	200	180	160	140	120	100	80
8	RG 7-7550	5.50	7.50	50		280	250	225	200	175	150	125	100





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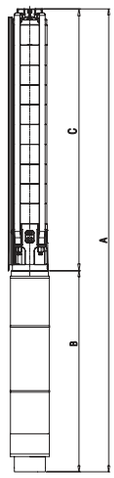
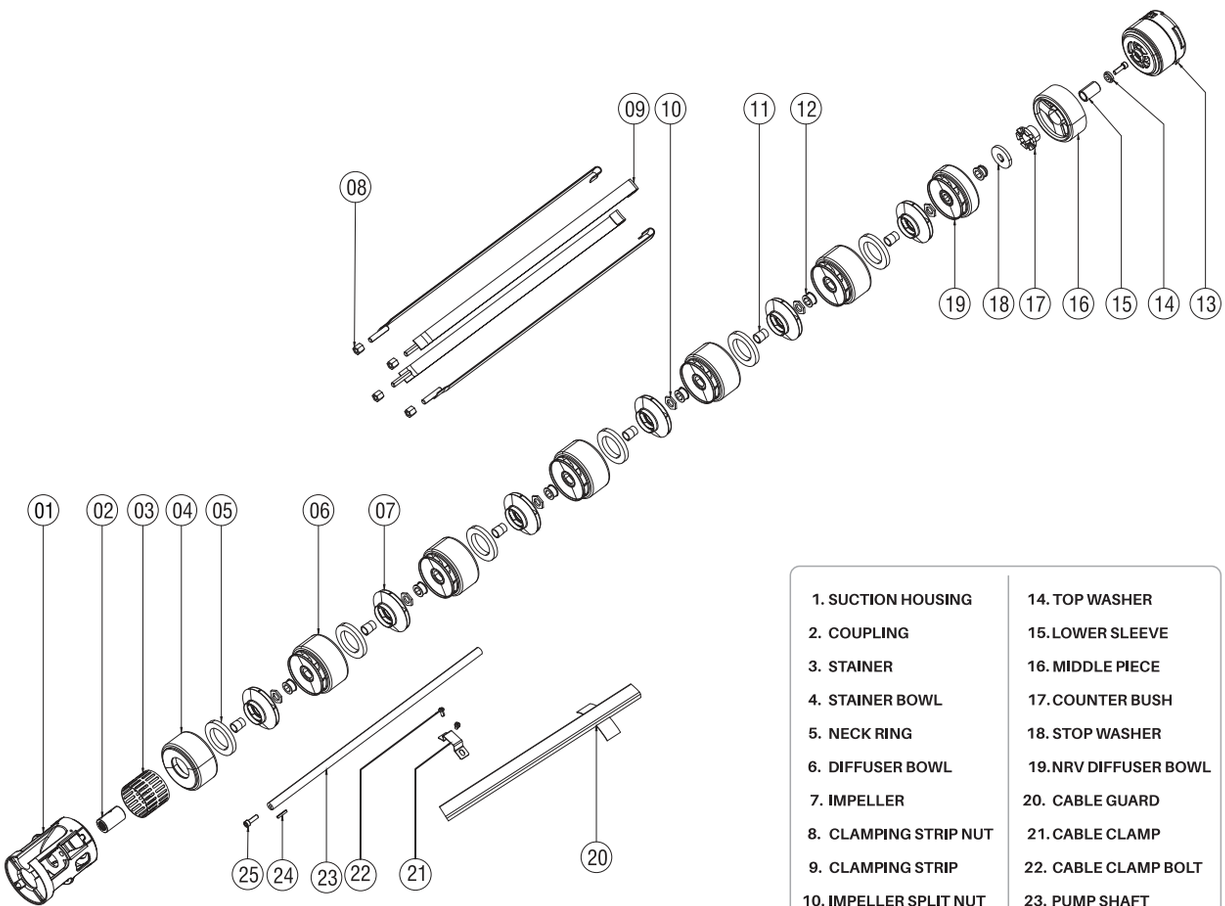
RG 7

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	
RG 7-1007	7.50	2.70	23.00	9.00	998	998	466	466	532
RG 7-1511	10.50	4.00	32.00	15.00	1220	1220	516	516	704
RG 7-2015	13.80	4.80	41.00	19.00	1472	1472	596	596	876
RG 7-3020	19.80	6.90	59.00	28.00	1746	1746	655	655	1091
RG 7-4025	26.00	9.00	78.00	36.00	2011	2011	705	705	1306
RG 7-5035	33.00	10.60	99.00	42.00	2501	2501	765	765	1736
RG 7-6040	-	12.60	-	50.00	-	2746	-	795	1951
RG 7-7550	-	15.50	-	62.00	-	3235	-	854	2381



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.



1. SUCTION HOUSING	14. TOP WASHER
2. COUPLING	15. LOWER SLEEVE
3. STAINER	16. MIDDLE PIECE
4. STAINER BOWL	17. COUNTER BUSH
5. NECK RING	18. STOP WASHER
6. DIFFUSER BOWL	19. NRV DIFFUSER BOWL
7. IMPELLER	20. CABLE GUARD
8. CLAMPING STRIP NUT	21. CABLE CLAMP
9. CLAMPING STRIP	22. CABLE CLAMP BOLT
10. IMPELLER SPLIT NUT	23. PUMP SHAFT
11. IMPELLER SPLIT CONE	24. KEY
12. BOWL BUSH	25. ALLEN BOLT
13. NRV	

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RG 8



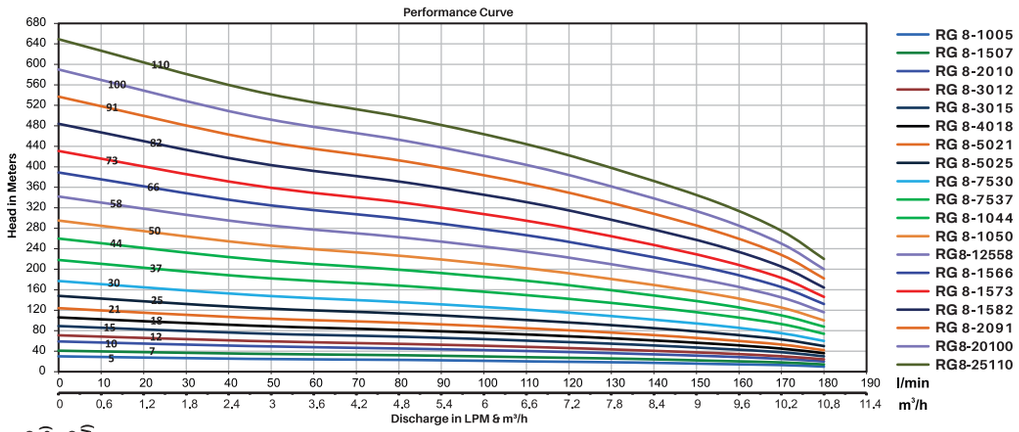
4" Stainless Steel Borewell Submersible Pumpset

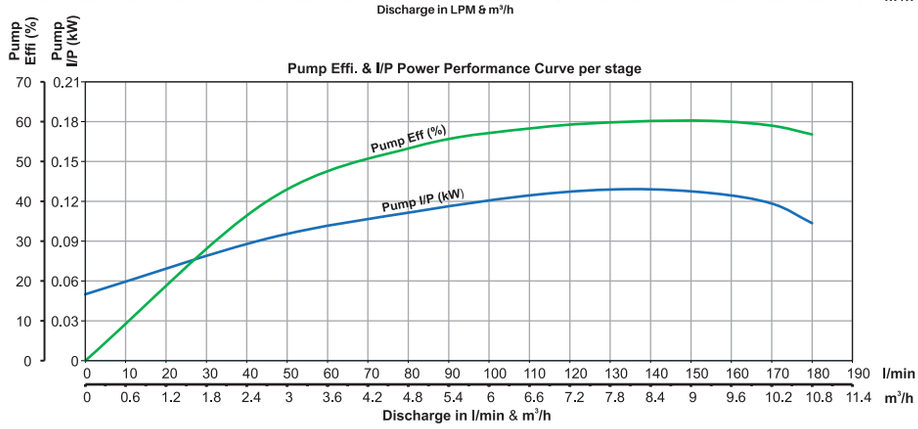
PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 50MM(2.00")		Flow Q							
					m^3/h	0	2.7	4.9	6.7	8.1	9.3	10.2	10.8	
					l / min	0	45	82	112	135	155	170	180	
1	RG 8-1005	0.75	1.00	5		30	25	23	20	18	15	13	10	
2	RG 8-1507	1.10	1.50	7		41	35	32	28	25	21	18	14	
3	RG 8-2010	1.50	2.00	10		59	50	45	40	35	30	25	20	
4	RG 8-3012	2.20	3.00	12		71	60	54	48	42	36	30	24	
5	RG 8-3015	2.20	3.00	15		89	75	68	60	53	45	38	30	
6	RG 8-4018	3.00	4.00	18		106	90	81	72	63	54	45	36	
7	RG 8-5021	3.70	5.00	21		124	105	95	84	74	63	53	42	
8	RG 8-5025	3.70	5.00	25		148	125	113	100	88	75	63	50	
9	RG 8-7530	5.50	7.50	30		177	150	135	120	105	90	75	60	
10	RG 8-7537	5.50	7.50	37	H (m)	218	185	167	148	130	111	93	74	
11	RG 8-1044	7.50	10.0	44		260	220	198	176	154	132	110	88	
12	RG 8-1050	7.50	10.0	50		295	250	225	200	175	150	125	100	
13	RG 8-12558	9.30	12.5	58		342	290	261	232	203	174	145	116	*
14	RG 8-1566	11.0	15.0	66		389	330	297	264	231	198	165	132	*
15	RG 8-1573	11.0	15.0	73		431	365	329	292	256	219	183	146	*
16	RG 8-1582	11.0	15.0	82		484	410	369	328	287	246	205	164	*
17	RG 8-2091	15.0	20.0	91		537	455	410	364	319	273	228	182	*
18	RG 8-20100	15.0	20.0	100		590	500	450	400	350	300	250	200	*
19	RG 8-25110	18.5	25.0	110		649	550	495	440	385	330	275	220	*

* MARKED MODELS ARE WITH V6 MOTOR.





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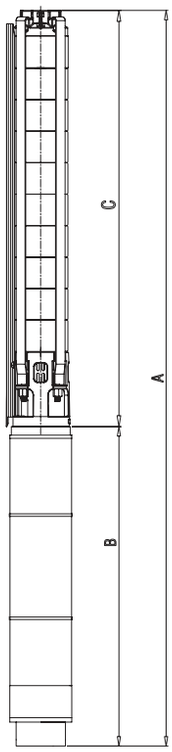
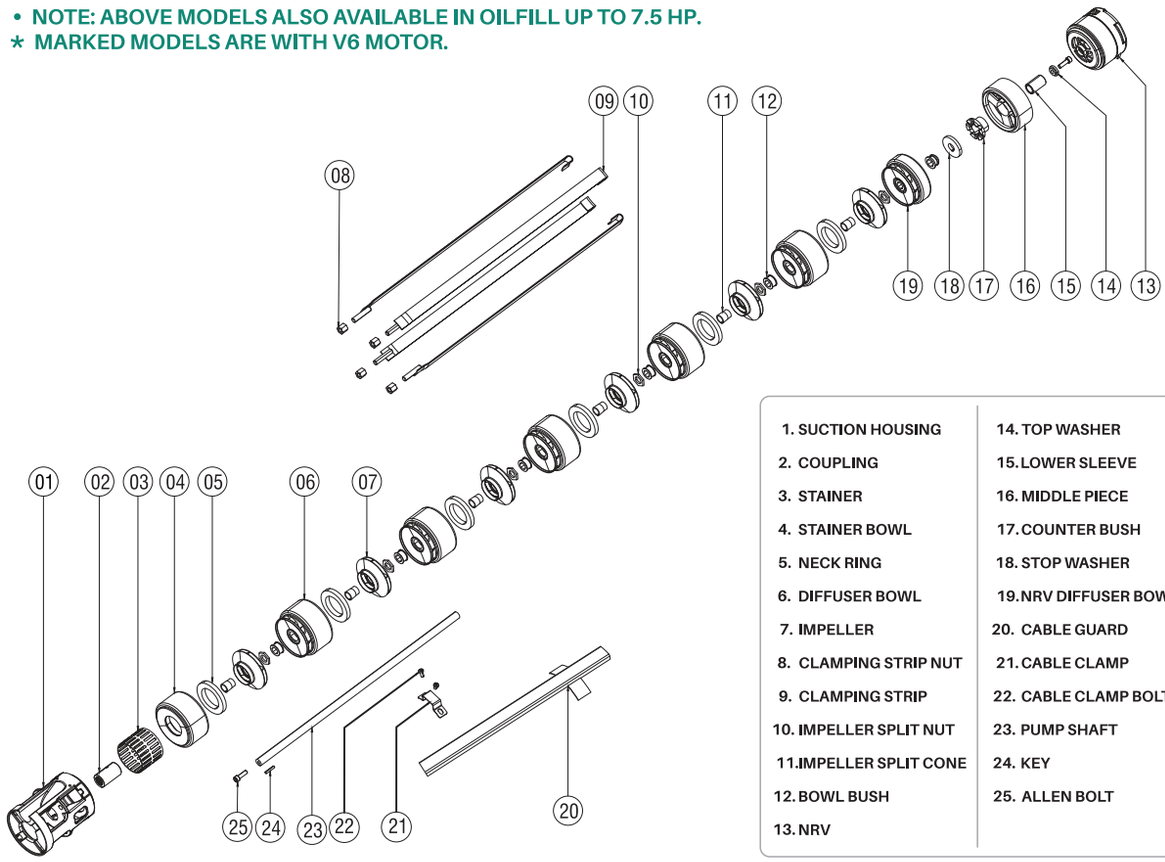
RG 8

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C	
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE		
RG 8-1005	7.50	2.70	23.00	9.00	912	912	466	466	446	
RG 8-1507	10.50	4.00	32.00	15.00	1048	1048	516	516	532	
RG 8-2010	13.80	4.80	41.00	19.00	1257	1257	596	596	661	
RG 8-3012	19.80	6.90	59.00	28.00	1402	1402	655	655	747	
RG 8-3015	19.80	6.90	59.00	28.00	1531	1531	655	655	876	
RG 8-4018	26.00	9.00	78.00	36.00	1710	1710	705	705	1005	
RG 8-5021	33.00	10.60	99.00	42.00	1899	1899	765	765	1134	
RG 8-5025	33.00	10.60	99.00	42.00	2071	2071	765	765	1306	
RG 8-7530	-	15.50	-	62.00	-	2376	-	855	1521	
RG 8-7537	-	15.50	-	62.00	-	2677	-	855	1822	
RG 8-1044	-	19.50	-	78.00	-	3058	-	935	2123	
RG 8-1050	-	19.50	-	78.00	-	3316	-	935	2381	
RG 8-12558	-	25.00	-	84.00	-	3565	-	840	2725	*
RG 8-1566	-	29.00	-	102.00	-	3949	-	880	3069	*
RG 8-1573	-	29.00	-	102.00	-	4250	-	880	3370	*
RG 8-1582	-	29.00	-	102.00	-	4637	-	880	3757	*
RG 8-2091	-	39.00	-	148.00	-	5064	-	920	4144	*
RG 8-20100	-	39.00	-	148.00	-	5451	-	920	4531	*
RG 8-25110	-	48.00	-	188.00	-	5991	-	1030	4961	*



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.
* MARKED MODELS ARE WITH V6 MOTOR.



1. SUCTION HOUSING
2. COUPLING
3. STAINER
4. STAINER BOWL
5. NECK RING
6. DIFFUSER BOWL
7. IMPELLER
8. CLAMPING STRIP NUT
9. CLAMPING STRIP
10. IMPELLER SPLIT NUT
11. IMPELLER SPLIT CONE
12. BOWL BUSH
13. NRV
14. TOP WASHER
15. LOWER SLEEVE
16. MIDDLE PIECE
17. COUNTER BUSH
18. STOP WASHER
19. NRV DIFFUSER BOWL
20. CABLE GUARD
21. CABLE CLAMP
22. CABLE CLAMP BOLT
23. PUMP SHAFT
24. KEY
25. ALLEN BOLT

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RG 9

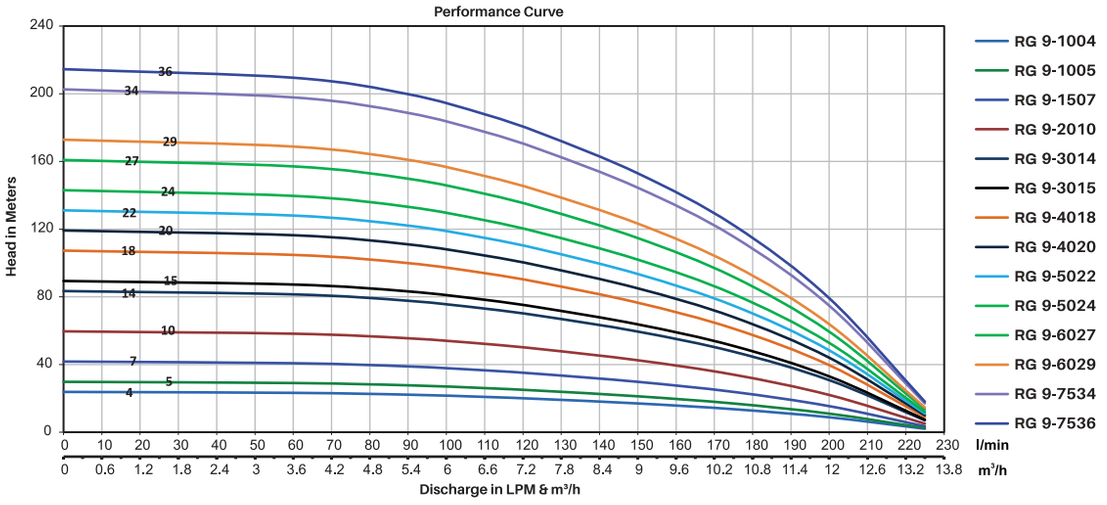


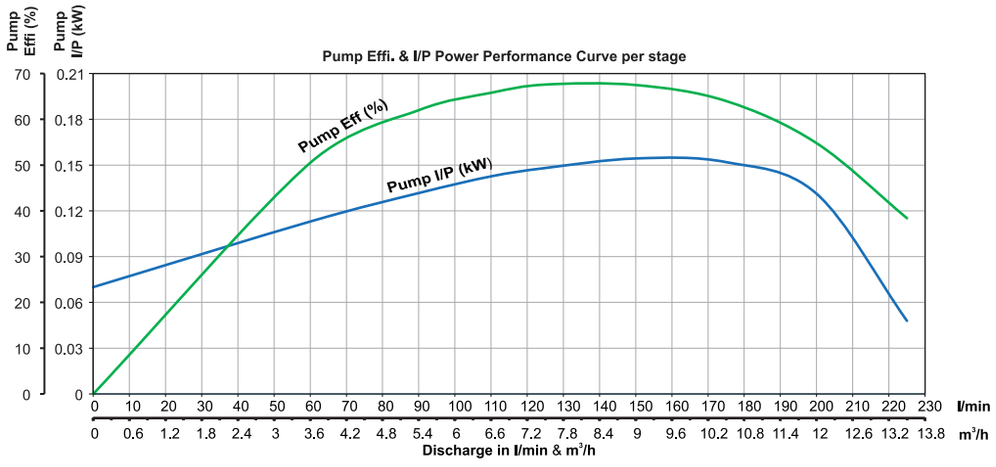
4" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-4 Submersible Pumpset Suitable For 100mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 50MM(2.00")	Flow Q								
					m^3/h	0	3.6	5.4	6.6	7.5	9.0	10.5	12.0	13.5
					l / min	0	60	90	110	125	150	175	200	225
1	RG 9-1004	0.75	1.00	4		24	23	22	21	20	17	14	9	2
2	RG 9-1005	0.75	1.00	5		30	29	28	26	25	21	17	11	3
3	RG 9-1507	1.10	1.50	7		42	41	39	37	34	30	24	15	4
4	RG 9-2010	1.50	2.00	10		60	58	56	52	49	43	34	22	5
5	RG 9-3014	2.20	3.00	14		83	81	78	73	69	60	48	31	7
6	RG 9-3015	2.20	3.00	15	H (m)	89	87	83	78	74	64	51	33	8
7	RG 9-4018	3.00	4.00	18		107	105	100	94	88	77	61	40	9
8	RG 9-4020	3.00	4.00	20		119	116	111	104	98	85	68	44	10
9	RG 9-5022	3.70	5.00	22		131	128	122	115	108	94	75	48	11
10	RG 9-5024	3.70	5.00	24		143	140	133	125	118	102	82	53	12
11	RG 9-6027	4.50	6.00	27		161	157	150	141	132	115	92	59	14
12	RG 9-6029	4.50	6.00	29		173	169	161	151	142	123	99	64	15
13	RG 9-7534	5.50	7.50	34		203	198	189	177	167	145	116	75	17
14	RG 9-7536	5.50	7.50	36		215	210	200	188	176	153	122	79	18





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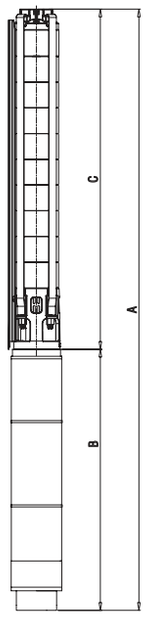
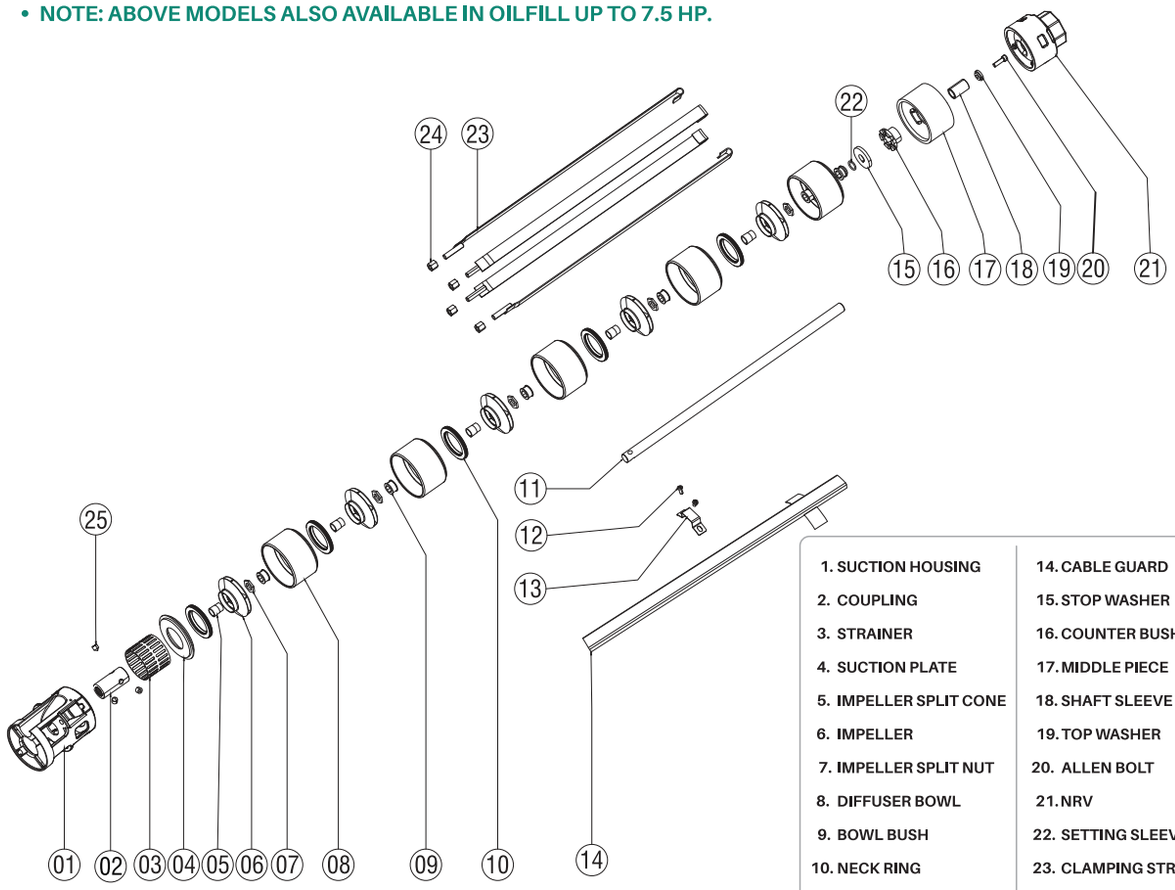
RG 9

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A		B		C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	1 PHASE	3 PHASE	
RG 9-1004	7.50	2.70	23.00	9.00	911	911	466	466	445
RG 9-1005	7.50	2.70	23.00	9.00	962	962	466	466	496
RG 9-1507	10.50	4.00	32.00	15.00	1114	1114	516	516	598
RG 9-2010	13.80	4.80	41.00	19.00	1347	1347	596	596	751
RG 9-3014	19.80	6.90	59.00	28.00	1610	1610	655	655	955
RG 9-3015	19.80	6.90	59.00	28.00	1661	1661	655	655	1006
RG 9-4015	26.00	9.00	78.00	36.00	1711	1711	705	705	1006
RG 9-4020	26.00	9.00	78.00	36.00	1966	1966	705	705	1261
RG 9-5022	33.00	10.60	99.00	42.00	2128	2128	765	765	1363
RG 9-5024	33.00	10.60	99.00	42.00	2230	2230	765	765	1465
RG 9-6027	-	12.60	-	50.00	-	2413	-	795	1618
RG 9-6029	-	12.60	-	50.00	-	2515	-	795	1720
RG 9-7534	-	15.50	-	62.00	-	2830	-	855	1975
RG 9-7536	-	15.50	-	62.00	-	2932	-	855	2077



- NOTE: ABOVE MODELS ALSO AVAILABLE IN OILFILL UP TO 7.5 HP.



1. SUCTION HOUSING	14. CABLE GUARD
2. COUPLING	15. STOP WASHER
3. STRAINER	16. COUNTER BUSH
4. SUCTION PLATE	17. MIDDLE PIECE
5. IMPELLER SPLIT CONE	18. SHAFT SLEEVE
6. IMPELLER	19. TOP WASHER
7. IMPELLER SPLIT NUT	20. ALLEN BOLT
8. DIFFUSER BOWL	21. NRV
9. BOWL BUSH	22. SETTING SLEEVE
10. NECK RING	23. CLAMPING STRIP
11. PUMP SHAFT	24. NUT
12. CABLE CLAMP BOLT	25. GRUD SCREW
13. CABLE CLAMP	

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RG 17

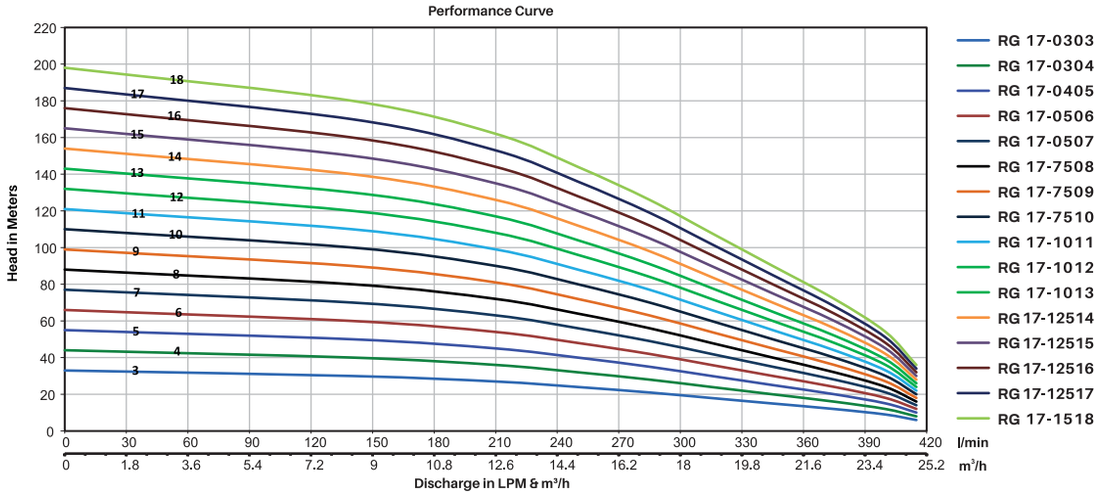


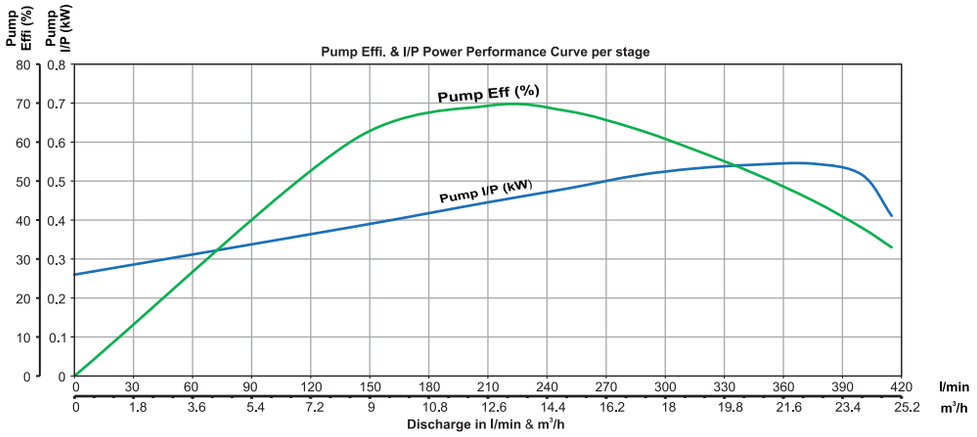
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 65MM(2.50")	Flow Q								
					m^3/h	0	8.4	12.6	15.0	17.1	18.9	20.7	22.5	24.0	24.9
					l / min	0	140	210	250	285	315	345	375	400	415
1	RG 17-0303	2.20	3.00	3		33	30	27	24	21	18	15	12	9	6
2	RG 17-0304	2.20	3.00	4		44	40	36	32	28	24	20	16	12	8
3	RG 17-0405	3.00	4.00	5		55	50	45	40	35	30	25	20	15	10
4	RG 17-0506	3.70	5.00	6		66	60	54	48	42	36	30	24	18	12
5	RG 17-0507	3.70	5.00	7		77	70	63	56	49	42	35	28	21	14
6	RG 17-7508	5.50	7.50	8		88	80	72	64	56	48	40	32	24	16
7	RG 17-7509	5.50	7.50	9		99	90	81	72	63	54	45	36	27	18
8	RG 17-7510	5.50	7.50	10		110	100	90	80	70	60	50	40	30	20
9	RG 17-1011	7.50	10.0	11	H (m)	121	110	99	88	77	66	55	44	33	22
10	RG 17-1012	7.50	10.0	12		132	120	108	96	84	72	60	48	36	24
11	RG 17-1013	7.50	10.0	13		143	130	117	104	91	78	65	52	39	26
12	RG 17-12514	9.30	12.5	14		154	140	126	112	98	84	70	56	42	28
13	RG 17-12515	9.30	12.5	15		165	150	135	120	105	90	75	60	45	30
14	RG 17-12516	9.30	12.5	16		176	160	144	128	112	96	80	64	48	32
15	RG 17-12517	9.30	12.5	17		187	170	153	136	119	102	85	68	51	34
16	RG 17-1518	11.0	15.0	18		198	180	162	144	126	108	90	72	54	36





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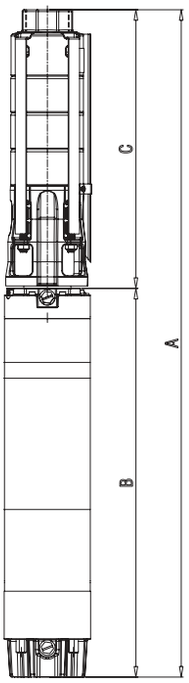
RG 17

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 17-0303	-	6.50	-	28.00	1114	655	459
RG 17-0304	-	6.50	-	28.00	1176	655	521
RG 17-0405	-	8.50	-	36.00	1287	705	582
RG 17-0506	-	10.00	-	42.00	1384	740	644
RG 17-0507	-	10.00	-	42.00	1445	740	705
RG 17-7508	-	14.50	-	52.00	1537	770	767
RG 17-7509	-	14.50	-	52.00	1598	770	828
RG 17-7510	-	14.50	-	52.00	1660	770	890
RG 17-1011	-	19.50	-	70.00	1751	800	951
RG 17-1012	-	19.50	-	70.00	1813	800	1013
RG 17-1013	-	19.50	-	70.00	1874	800	1074
RG 17-12514	-	25.00	-	84.00	1976	840	1136
RG 17-12515	-	25.00	-	84.00	2037	840	1197
RG17-12516	-	25.00	-	84.00	2099	840	1259
RG17-12517	-	25.00	-	84.00	2160	840	1320
RG 17-1518	-	29.00	-	102.00	2262	880	1382



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4. SUCTION DISH
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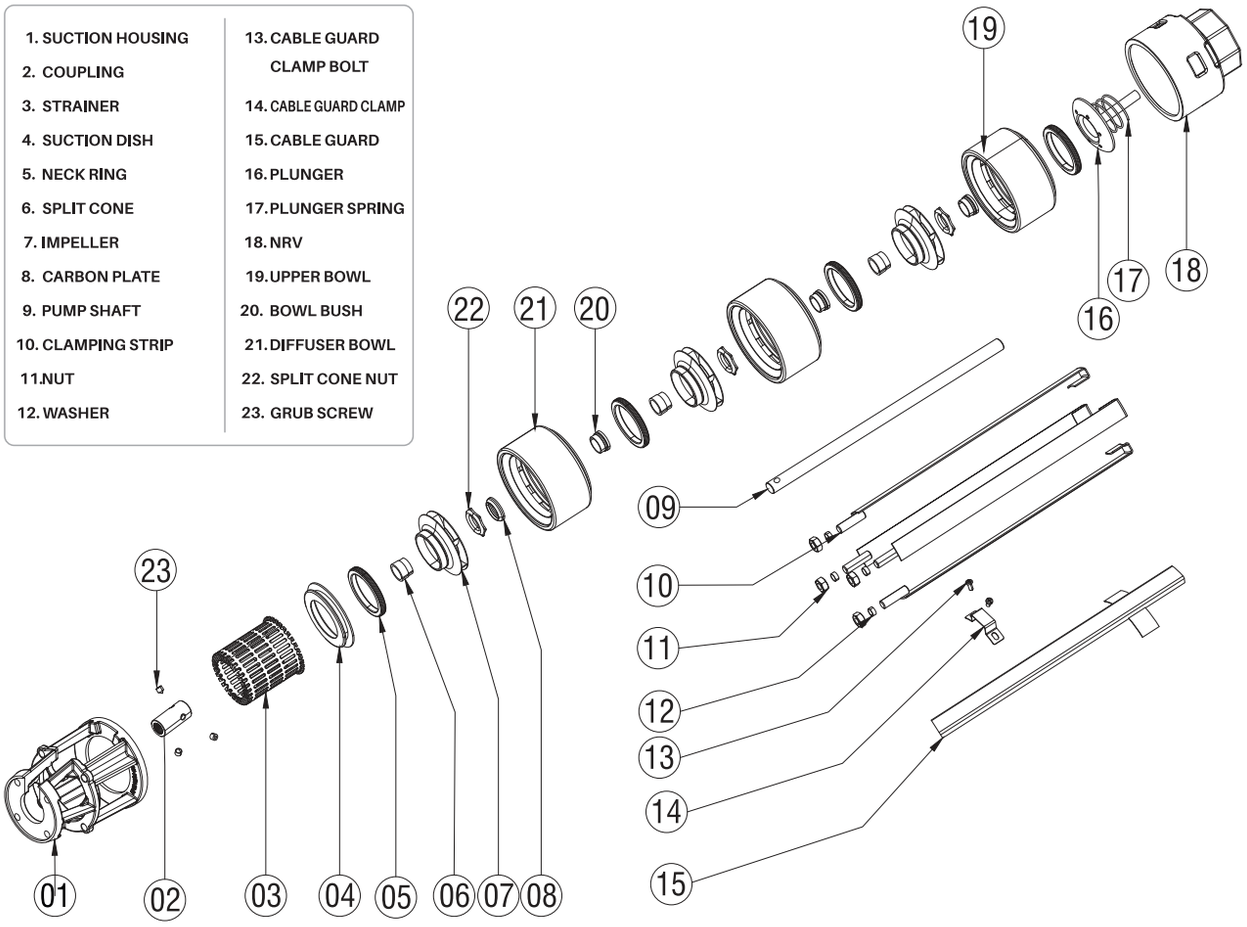
10. CLAMPING STRIP
11. NUT
12. WASHER
13. CABLE GUARD CLAMP BOLT
14. CABLE GUARD CLAMP
15. CABLE GUARD
16. PLUNGER
17. PLUNGER SPRING
18. NRV
19. UPPER BOWL
20. BOWL BUSH
21. DIFFUSER BOWL
22. SPLIT CONE NUT
23. GRUB SCREW



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RG 17

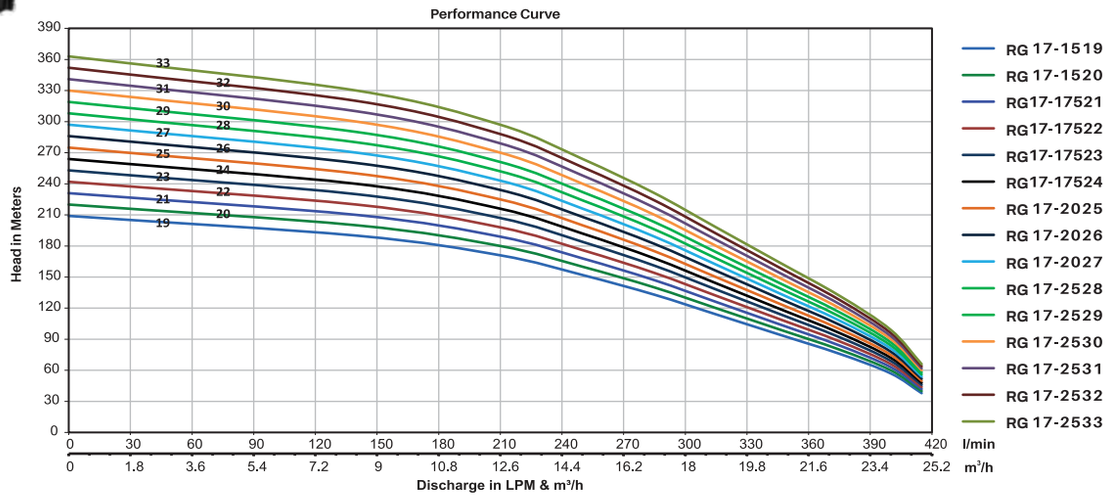


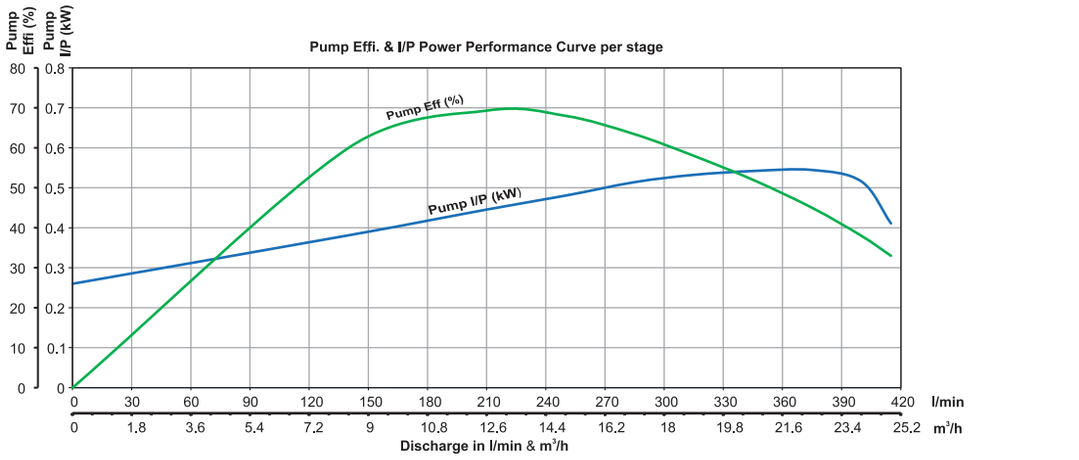
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 65MM(2.50") m^3/h	Flow Q m^3/h								
					l / min	0	8.4	12.6	15.0	17.1	18.9	20.7	22.5	24.0	24.9
						0	140	210	250	285	315	345	375	400	415
17	RG 17-1519	11.0	15.0	19		209	190	171	152	133	114	95	76	57	38
18	RG 17-1520	11.0	15.0	20		220	200	180	160	140	120	100	80	60	40
19	RG 17-17521	13.0	17.5	21		231	210	189	168	147	126	105	84	63	42
20	RG 17-17522	13.0	17.5	22		242	220	198	176	154	132	110	88	66	44
21	RG 17-17523	13.0	17.5	23		253	230	207	184	161	138	115	92	69	46
22	RG 17-17524	13.0	17.5	24		264	240	216	192	168	144	120	96	72	48
23	RG 17-2025	15.0	20.0	25		275	250	225	200	175	150	125	100	75	50
24	RG 17-2026	15.0	20.0	26	H (m)	286	260	234	208	182	156	130	104	78	52
25	RG 17-2027	15.0	20.0	27		297	270	243	216	189	162	135	108	81	54
26	RG 17-2528	18.5	25.0	28		308	280	252	224	196	168	140	112	84	56
27	RG 17-2529	18.5	25.0	29		319	290	261	232	203	174	145	116	87	58
28	RG 17-2530	18.5	25.0	30		330	300	270	240	210	180	150	120	90	60
29	RG 17-2531	18.5	25.0	31		341	310	279	248	217	186	155	124	93	62
30	RG 17-2532	18.5	25.0	32		352	320	288	256	224	192	160	128	96	64
31	RG 17-2533	18.5	25.0	33		363	330	297	264	231	198	165	132	99	66





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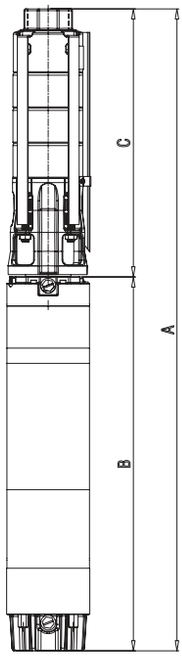
RACE GROUP (K) LTD

RG 17

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 17-1519	-	29.00	-	102.00	2323	880	1443
RG 17-1520	-	29.00	-	102.00	2385	880	1505
RG17-17521	-	34.00	-	118.00	2486	920	1566
RG17-17522	-	34.00	-	118.00	2548	920	1628
RG17-17523	-	34.00	-	118.00	2609	920	1689
RG17-17524	-	34.00	-	118.00	2671	920	1751
RG 17-2025	-	39.00	-	148.00	2762	950	1812
RG 17-2026	-	39.00	-	148.00	2824	950	1874
RG 17-2027	-	39.00	-	148.00	2885	950	1935
RG 17-2528	-	48.00	-	188.00	3027	1030	1997
RG 17-2529	-	48.00	-	188.00	3088	1030	2058
RG 17-2530	-	48.00	-	188.00	3150	1030	2120
RG 17-2531	-	48.00	-	188.00	3211	1030	2181
RG 17-2532	-	48.00	-	188.00	3273	1030	2243
RG 17-2533	-	48.00	-	188.00	3334	1030	2304



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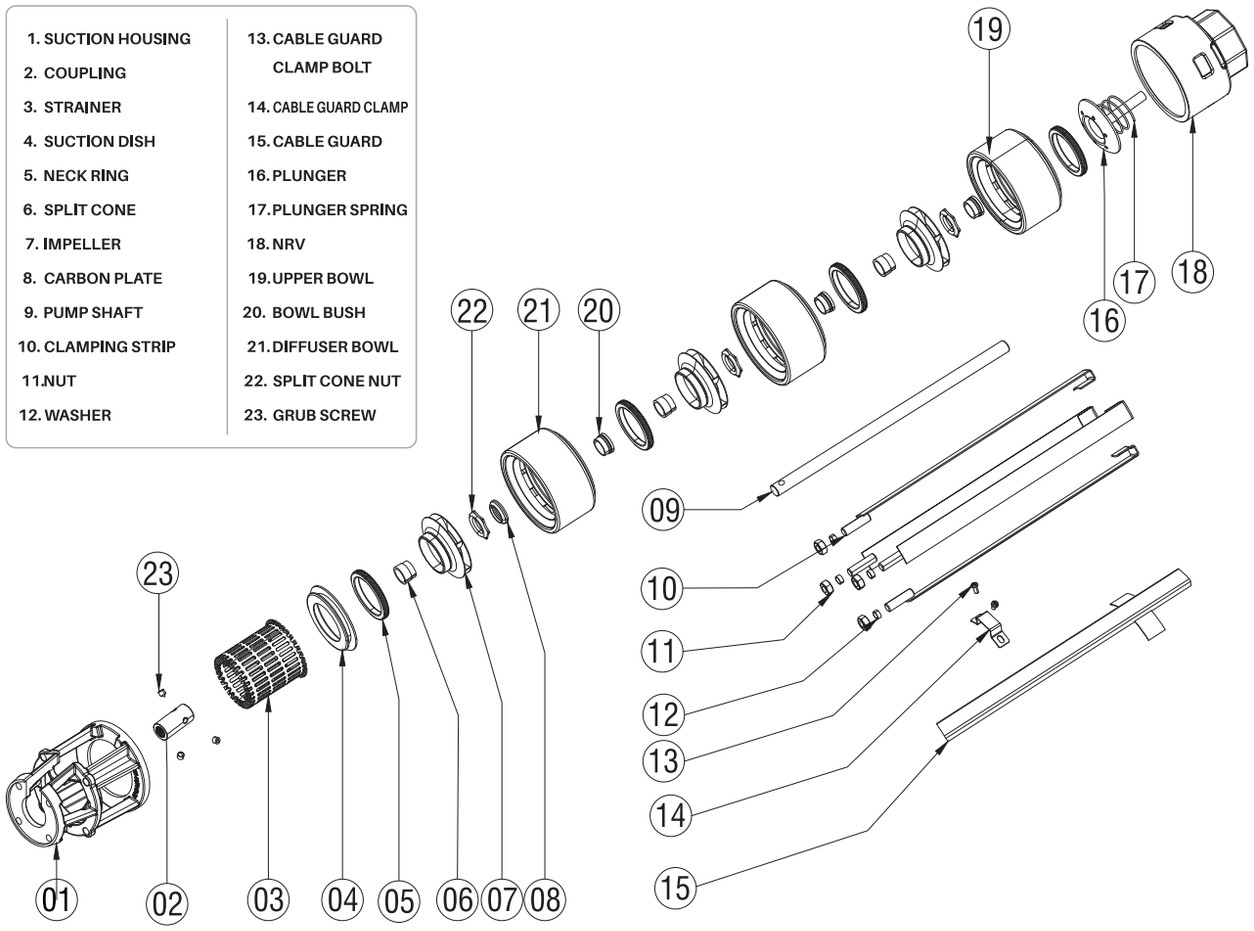
11. NUT
12. WASHER
13. CABLE GUARD CLAMP BOLT
14. CABLE GUARD CLAMP
15. CABLE GUARD
16. PLUNGER
17. PLUNGER SPRING
18. NRV
19. UPPER BOWL
20. BOWL BUSH
21. DIFFUSER BOWL
22. SPLIT CONE NUT
23. GRUB SCREW



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RG 17



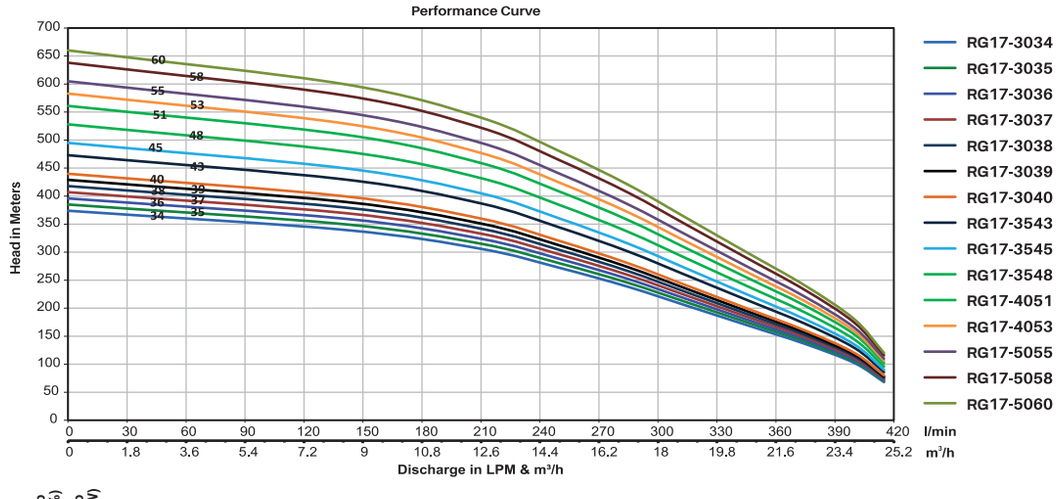
6" Stainless Steel Borewell Submersible Pumpset

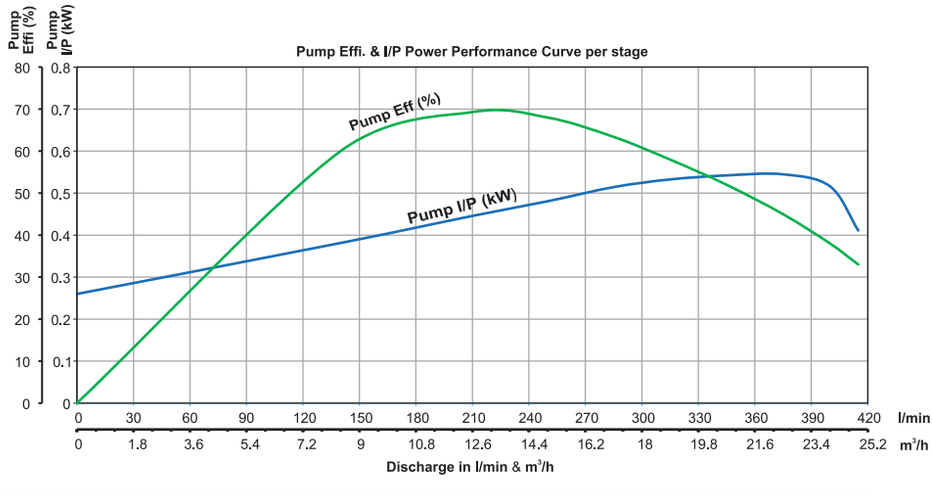
PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 65MM(2.50")	Flow Q							
					m^3/h	0	8.4	12.6	15.0	17.1	18.9	20.7	22.5	24.0	24.9
					l / min	0	140	210	250	285	315	345	375	400	415
32	RG 17-3034	22.0	30.0	34		374	340	306	272	238	204	170	136	102	68
33	RG 17-3035	22.0	30.0	35		385	350	315	280	245	210	175	140	105	70
34	RG 17-3036	22.0	30.0	36		396	360	324	288	252	216	180	144	108	72
35	RG 17-3037	22.0	30.0	37		407	370	333	296	259	222	185	148	111	74
36	RG 17-3038	22.0	30.0	38		418	380	342	304	266	228	190	152	114	76
37	RG 17-3039	22.0	30.0	39		429	390	351	312	273	234	195	156	117	78
38	RG 17-3040	22.0	30.0	40		440	400	360	320	280	240	200	160	120	80
39	RG 17-3543	26.0	35.0	43	H (m)	473	430	387	344	301	258	215	172	129	86
40	RG 17-3545	26.0	35.0	45		495	450	405	360	315	270	225	180	135	90
41	RG 17-3548	26.0	35.0	48		528	480	432	384	336	288	240	192	144	96
42	RG 17-4051	30.0	40.0	51		561	510	459	408	357	306	255	204	153	102
43	RG 17-4053	30.0	40.0	53		583	530	477	424	371	318	265	212	159	106
44	RG 17-5055	37.0	50.0	55		605	550	495	440	385	330	275	220	165	110
45	RG 17-5058	37.0	50.0	58		638	580	522	464	406	348	290	232	174	116
46	RG 17-5060	37.0	50.0	60		660	600	540	480	420	360	300	240	180	120

Performance Curve





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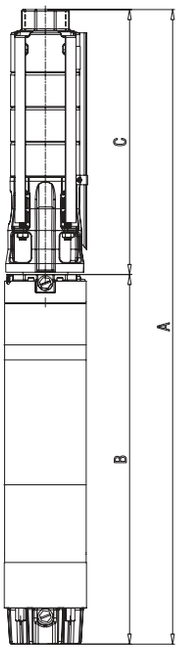
RG 17

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 17-3034	-	57.00	-	225.00	3466	1100	2366
RG 17-3035	-	57.00	-	225.00	3527	1100	2427
RG 17-3036	-	57.00	-	225.00	3589	1100	2489
RG 17-3037	-	57.00	-	225.00	3650	1100	2550
RG 17-3038	-	57.00	-	225.00	3712	1100	2612
RG 17-3039	-	57.00	-	225.00	3773	1100	2673
RG 17-3040	-	57.00	-	225.00	3835	1100	2735
RG 17-3543	-	66.00	-	270.00	4079	1160	2919
RG 17-3545	-	66.00	-	270.00	4202	1160	3042
RG 17-3548	-	66.00	-	270.00	4387	1160	3227
RG 17-4051	-	76.00	-	355.00	4641	1230	3411
RG 17-4053	-	76.00	-	355.00	4764	1230	3534
RG 17-5055	-	85.00	-	420.00	4987	1330	3657
RG 17-5058	-	85.00	-	420.00	5172	1330	3842
RG 17-5060	-	85.00	-	420.00	5295	1330	3965



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19. UPPER BOWL
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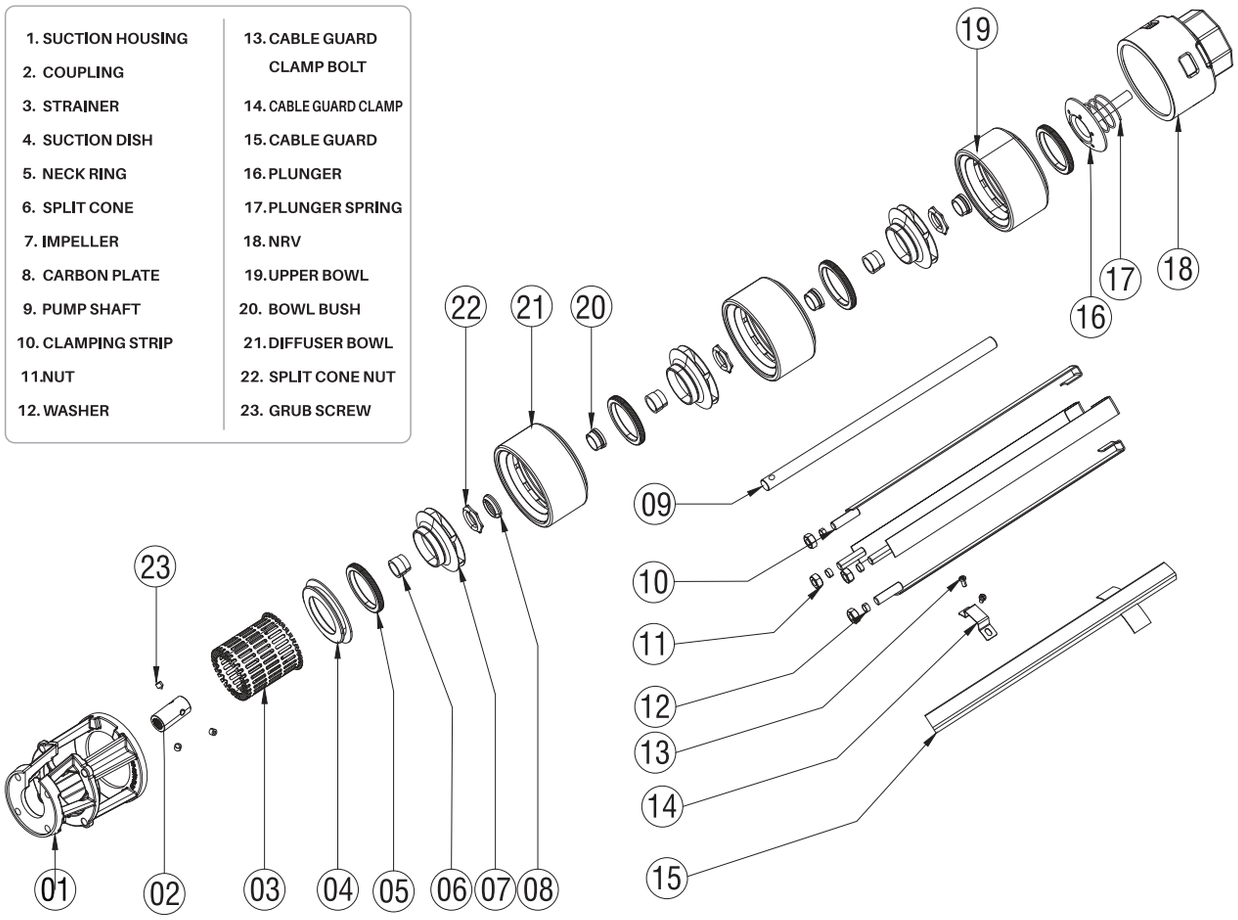
21. DIFFUSER BOWL
22. SPLIT CONE NUT
23. GRUB SCREW



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RG 30



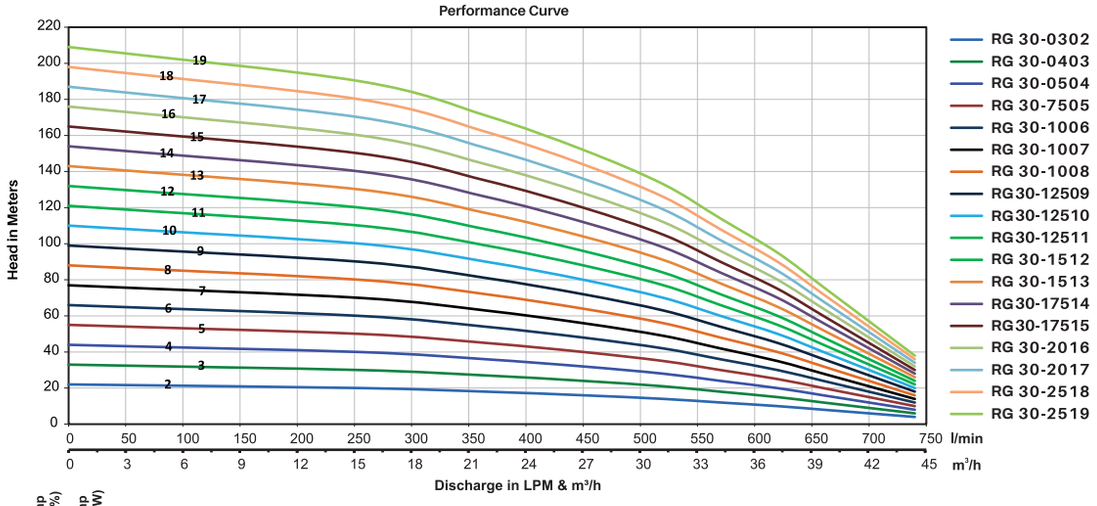
6" Stainless Steel Borewell Submersible Pumpset

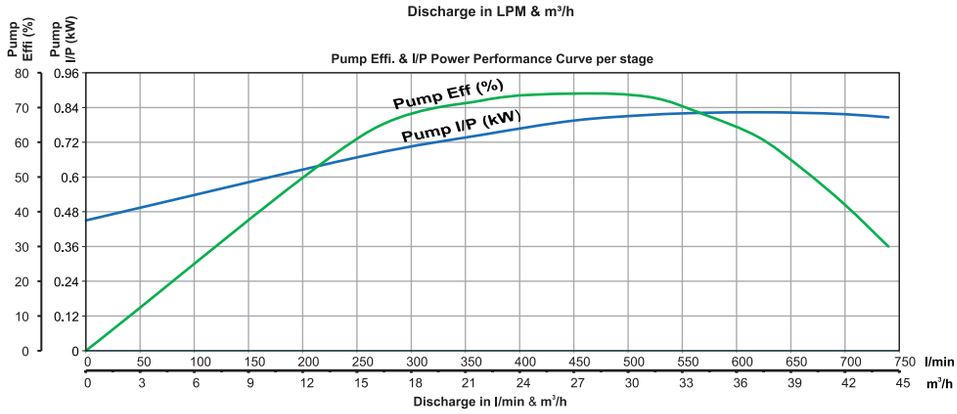
PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 80MM(3.00") m^3/h	Flow Q 0	15.3	21.9	27.0	31.2	34.2	37.2	39.6	42.0	44.4
					l / min	0	255	365	450	520	570	620	660	700	740
1	RG 30-0302	2.20	3.00	2		22	20	18	16	14	12	10	8	6	4
2	RG 30-0403	3.00	4.00	3		33	30	27	24	21	18	15	12	9	6
3	RG 30-0504	4.00	5.00	4		44	40	36	32	28	24	20	16	12	8
4	RG 30-7505	5.50	7.50	5		55	50	45	40	35	30	25	20	15	10
5	RG 30-1006	7.50	10.0	6		66	60	54	48	42	36	30	24	18	12
6	RG 30-1007	7.50	10.0	7		77	70	63	56	49	42	35	28	21	14
7	RG 30-1008	7.50	10.0	8		88	80	72	64	56	48	40	32	24	16
8	RG 30-12509	9.30	12.5	9		99	90	81	72	63	54	45	36	27	18
9	RG 30-12510	9.30	12.5	10		110	100	90	80	70	60	50	40	30	20
10	RG 30-12511	9.30	12.5	11	H (m)	121	110	99	88	77	66	55	44	33	22
11	RG 30-1512	11.0	15.0	12		132	120	108	96	84	72	60	48	36	24
12	RG 30-1513	11.0	15.0	13		143	130	117	104	91	78	65	52	39	26
13	RG 30-17514	13.0	17.5	14		154	140	126	112	98	84	70	56	42	28
14	RG 30-17515	13.0	17.5	15		165	150	135	120	105	90	75	60	45	30
15	RG 30-2016	15.0	20.0	16		176	160	144	128	112	96	80	64	48	32
16	RG 30-2017	15.0	20.0	17		187	170	153	136	119	102	85	68	51	34
17	RG 30-2518	18.5	25.0	18		198	180	162	144	126	108	90	72	54	36
18	RG 30-2519	18.5	25.0	19		209	190	171	152	133	114	95	76	57	38

Performance Curve





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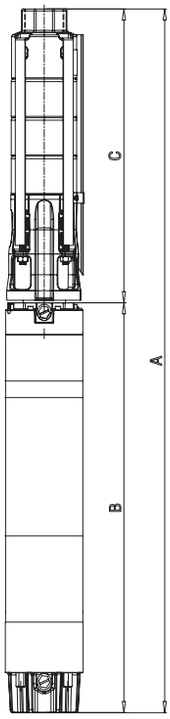
RG 30

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 30-0302	-	6.50	-	28.00	1126	655	471
RG 30-4003	-	8.50	-	36.00	1272	705	567
RG 30-0504	-	10.00	-	42.00	1403	740	663
RG 30-7505	-	14.50	-	52.00	1529	770	759
RG 30-1006	-	19.50	-	70.00	1655	800	855
RG 30-1007	-	19.50	-	70.00	1751	800	951
RG 30-1008	-	19.50	-	70.00	1847	800	1047
RG30-12509	-	25.00	-	84.00	1983	840	1143
RG30-12510	-	25.00	-	84.00	2079	840	1239
RG30-12511	-	25.00	-	84.00	2175	840	1335
RG 30-1512	-	29.00	-	102.00	2311	880	1431
RG 30-1513	-	29.00	-	102.00	2407	880	1527
RG30-17514	-	34.00	-	118.00	2543	920	1623
RG30-17515	-	34.00	-	118.00	2639	920	1719
RG 30-2016	-	39.00	-	148.00	2765	950	1815
RG 30-2017	-	39.00	-	148.00	2861	950	1911
RG 30-2518	-	48.00	-	188.00	3037	1030	2007
RG 30-2519	-	48.00	-	188.00	3133	1030	2103



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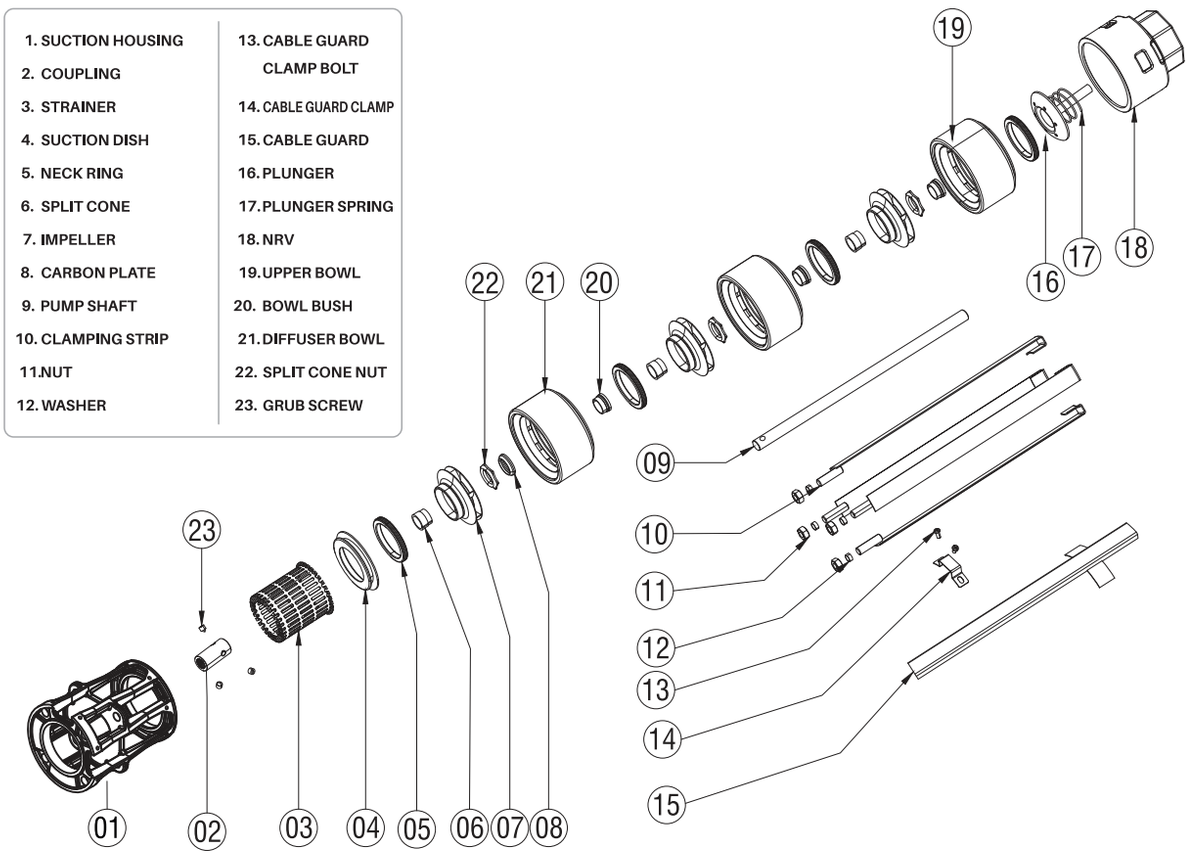
22. SPLIT CONE NUT
23. GRUB SCREW



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RG 30

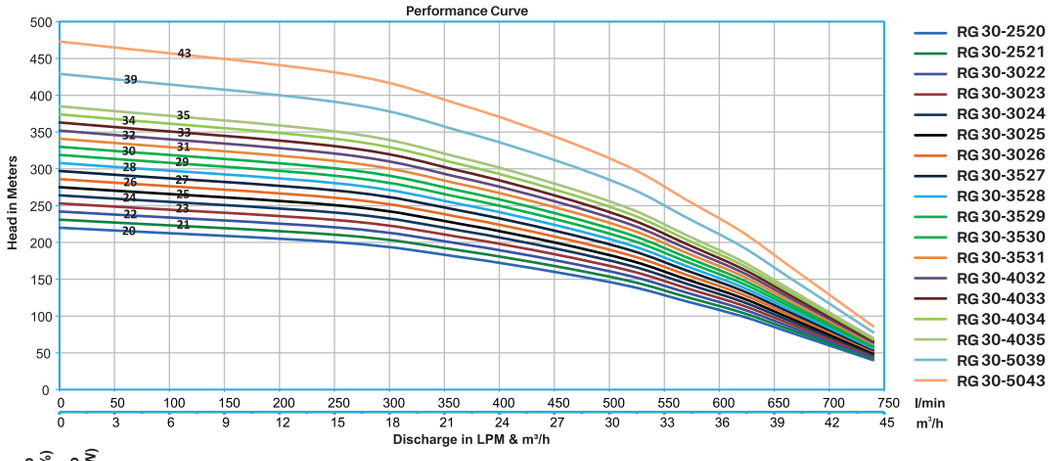


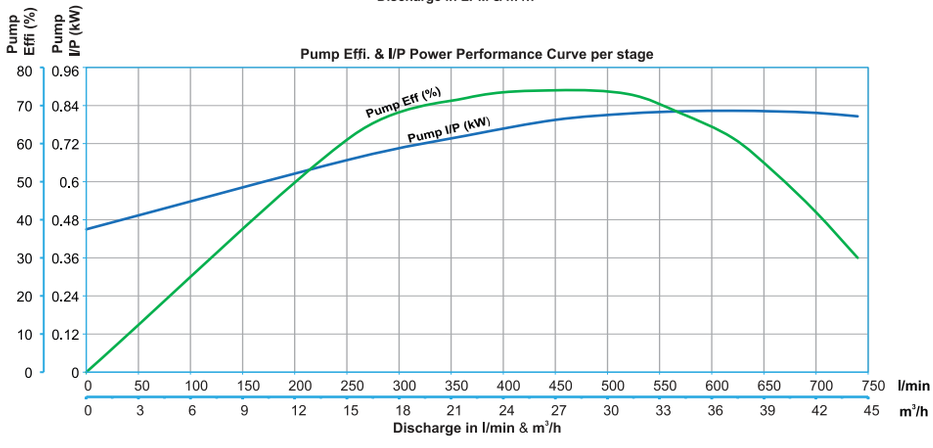
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 80MM(3.00") m^3/h	DELIVERYSIZE 80MM(3.00") l / min	Flow Q 0	15.3	21.9	27.0	31.2	34.2	37.2	39.6	42.0	44.4
							0	255	365	450	520	570	620	660	700	740
19	RG 30-2520	18.5	25.0	20			220	200	180	160	140	120	100	80	60	40
20	RG 30-2521	18.5	25.0	21			231	210	189	168	147	126	105	84	63	42
21	RG 30-3022	22.0	30.0	22			242	220	198	176	154	132	110	88	66	44
22	RG 30-3023	22.0	30.0	23			253	230	207	184	161	138	115	92	69	46
23	RG 30-3024	22.0	30.0	24			264	240	216	192	168	144	120	96	72	48
24	RG 30-3025	22.0	30.0	25			275	250	225	200	175	150	125	100	75	50
25	RG 30-3026	22.0	30.0	26			286	260	234	208	182	156	130	104	78	52
26	RG 30-3527	26.0	35.0	27			297	270	243	216	189	162	135	108	81	54
27	RG 30-3528	26.0	35.0	28			308	280	252	224	196	168	140	112	84	56
28	RG 30-3529	26.0	35.0	29	H (m)		319	290	261	232	203	174	145	116	87	58
29	RG 30-3530	26.0	35.0	30			330	300	270	240	210	180	150	120	90	60
30	RG 30-3531	26.0	35.0	31			341	310	279	248	217	186	155	124	93	62
31	RG 30-4032	30.0	40.0	32			352	320	288	256	224	192	160	128	96	64
32	RG 30-4033	30.0	40.0	33			363	330	297	264	231	198	165	132	99	66
33	RG 30-4034	30.0	40.0	34			374	340	306	272	238	204	170	136	102	68
34	RG 30-4035	30.0	40.0	35			385	350	315	280	245	210	175	140	105	70
35	RG 30-5039	37.0	50.0	39			429	390	351	312	273	234	195	156	117	78
36	RG 30-5043	37.0	50.0	43			473	430	387	344	301	258	215	172	129	86





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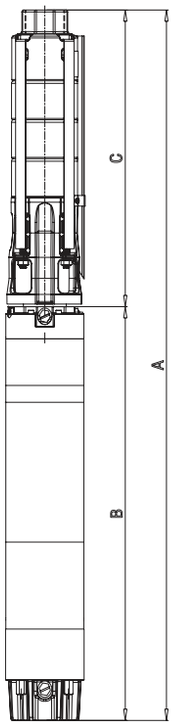
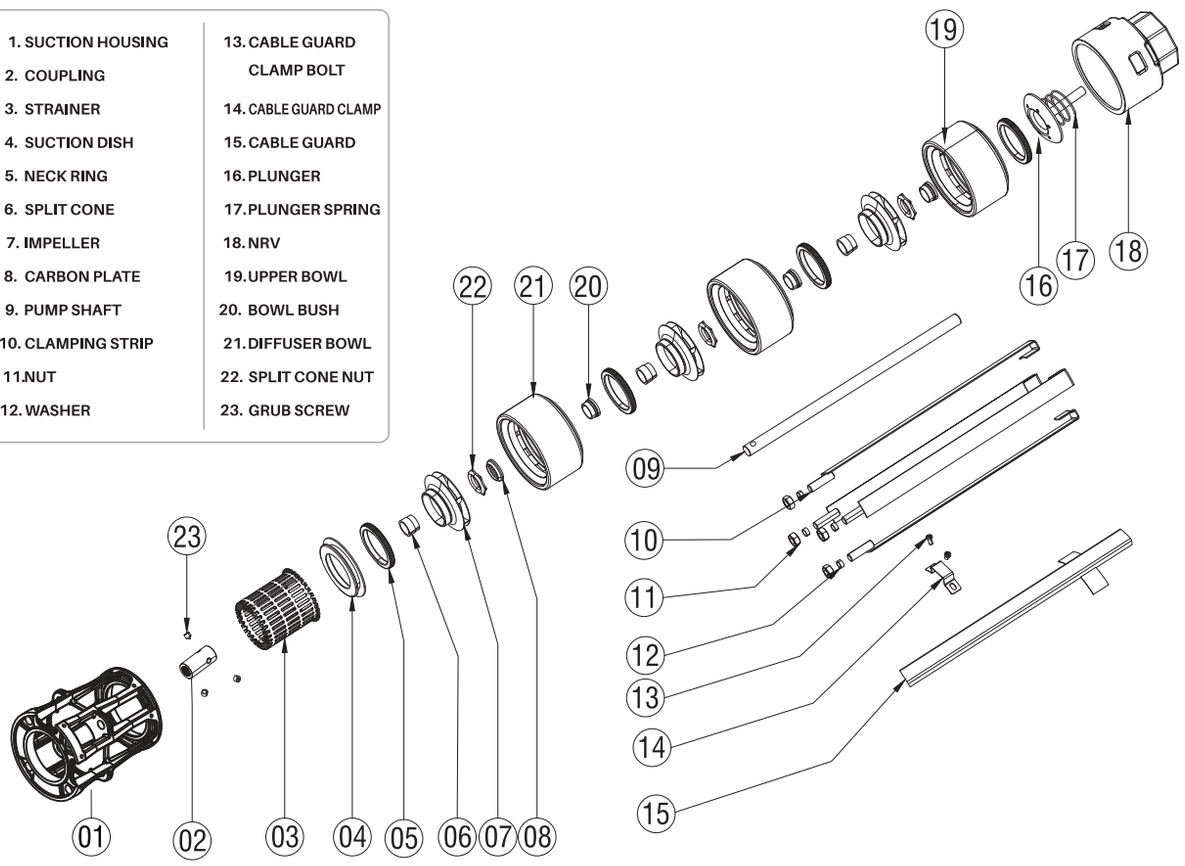
RG 30

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 30-2520	-	48.00	-	188.00	3229	1030	2199
RG 30-2521	-	48.00	-	188.00	3325	1030	2295
RG 30-3022	-	57.00	-	225.00	3491	1100	2391
RG 30-3023	-	57.00	-	225.00	3587	1100	2487
RG 30-3024	-	57.00	-	225.00	3683	1100	2583
RG 30-3025	-	57.00	-	225.00	3779	1100	2679
RG 30-3026	-	57.00	-	225.00	3875	1100	2775
RG 30-3527	-	66.00	-	270.00	4031	1160	2871
RG 30-3528	-	66.00	-	270.00	4127	1160	2967
RG 30-3529	-	66.00	-	270.00	4223	1160	3063
RG 30-3530	-	66.00	-	270.00	4319	1160	3159
RG 30-3531	-	66.00	-	270.00	4415	1160	3255
RG 30-4032	-	76.00	-	355.00	4581	1230	3351
RG 30-4033	-	76.00	-	355.00	4677	1230	3447
RG 30-4034	-	76.00	-	355.00	4773	1230	3543
RG 30-4035	-	76.00	-	355.00	4869	1230	3639
RG 30-5039	-	85.00	-	420.00	5353	1330	4023
RG 30-5043	-	85.00	-	420.00	5737	1330	4407



1. SUCTION HOUSING
2. COUPLING
3. STRAINER
4. SUCTION DISH
5. NECK RING
6. SPLIT CONE
7. IMPELLER
8. CARBON PLATE
9. PUMP SHAFT
10. CLAMPING STRIP
11. NUT
12. WASHER
13. CABLE GUARD CLAMP BOLT
14. CABLE GUARD CLAMP
15. CABLE GUARD
16. PLUNGER
17. PLUNGER SPRING
18. NRV
19. UPPER BOWL
20. BOWL BUSH
21. DIFFUSER BOWL
22. SPLIT CONE NUT
23. GRUB SCREW



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RG 46

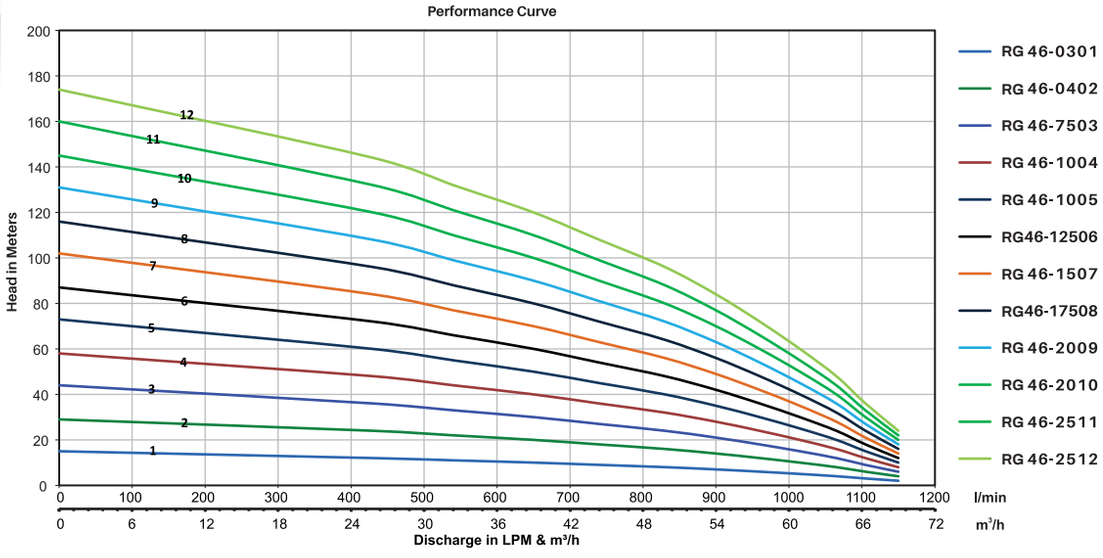


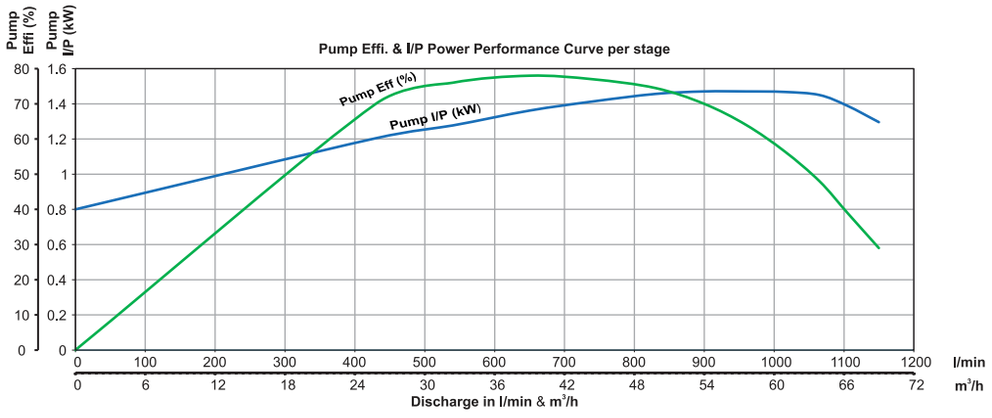
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 100MM(4.0") m^3/h	DELIVERYSIZE 100MM(4.0") l / min	Flow Q 0	25.8	32.4	39.0	44.4	49.8	54.0	57.6	60.9	63.9	66.3	69.0
							0	430	540	650	740	830	900	960	1015	1065	1105	1150
1	RG 46-0301	2.20	3.00	1			15	12	11	10	9	8	7	6	5	4	3	2
2	RG 46-0402	3.00	4.00	2			29	24	22	20	18	16	14	12	10	8	6	4
3	RG 46-7503	5.50	7.50	3			44	36	33	30	27	24	21	18	15	12	9	6
4	RG 46-1004	7.50	10.0	4			58	48	44	40	36	32	28	24	20	16	12	8
5	RG 46-1005	7.50	10.0	5			73	60	55	50	45	40	35	30	25	20	15	10
6	RG46-12506	9.30	12.5	6			87	72	66	60	54	48	42	36	30	24	18	12
7	RG 46-1507	11.0	15.0	7		H (m)	102	84	77	70	63	56	49	42	35	28	21	14
8	RG46-17508	13.0	17.5	8			116	96	88	80	72	64	56	48	40	32	24	16
9	RG 46-2009	15.0	20.0	9			131	108	99	90	81	72	63	54	45	36	27	18
10	RG 46-2010	15.0	20.0	10			145	120	110	100	90	80	70	60	50	40	30	20
11	RG 46-2511	18.5	25.0	11			160	132	121	110	99	88	77	66	55	44	33	22
12	RG 46-2512	18.5	25.0	12			174	144	132	120	108	96	84	72	60	48	36	24





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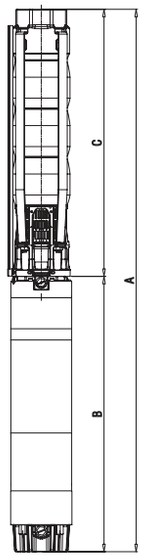
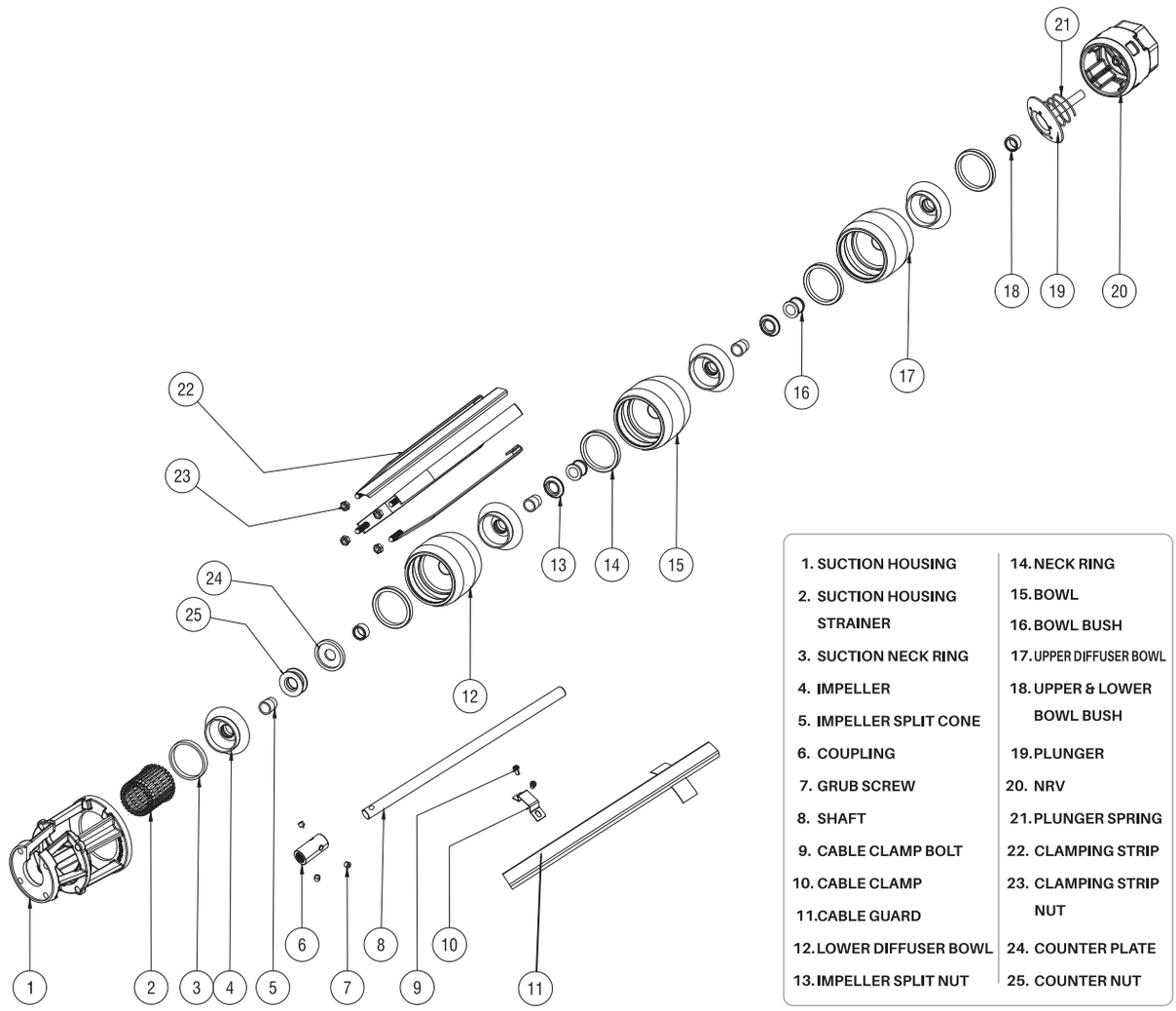
RG 46

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 46-0301	-	6.50	-	28.00	1051	655	396
RG 46-0402	-	8.50	-	36.00	1214	705	509
RG 46-7503	-	14.50	-	52.00	1392	770	622
RG 46-1004	-	19.50	-	70.00	1535	800	735
RG 46-1005	-	19.50	-	70.00	1648	800	848
RG46-12506	-	25.00	-	84.00	1801	840	961
RG 46-1507	-	29.00	-	102.00	1954	880	1074
RG46-17508	-	34.00	-	118.00	2107	920	1187
RG 46-2009	-	39.00	-	148.00	2250	950	1300
RG 46-2010	-	39.00	-	148.00	2363	950	1413
RG 46-2511	-	48.00	-	188.00	2556	1030	1526
RG 46-2512	-	48.00	-	188.00	2669	1030	1639





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3. SUCTION NECK RING
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5. IMPELLER SPLIT CONE
6. COUPLING
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8. SHAFT
9. CABLE CLAMP BOLT
10. CABLE CLAMP
11. CABLE GUARD
12. LOWER DIFFUSER BOWL
13. IMPELLER SPLIT NUT
14. NECK RING
15. BOWL
16. BOWL BUSH
17. UPPER DIFFUSER BOWL
18. UPPER & LOWER BOWL BUSH
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21. PLUNGER SPRING
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25. COUNTER NUT

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RG 46

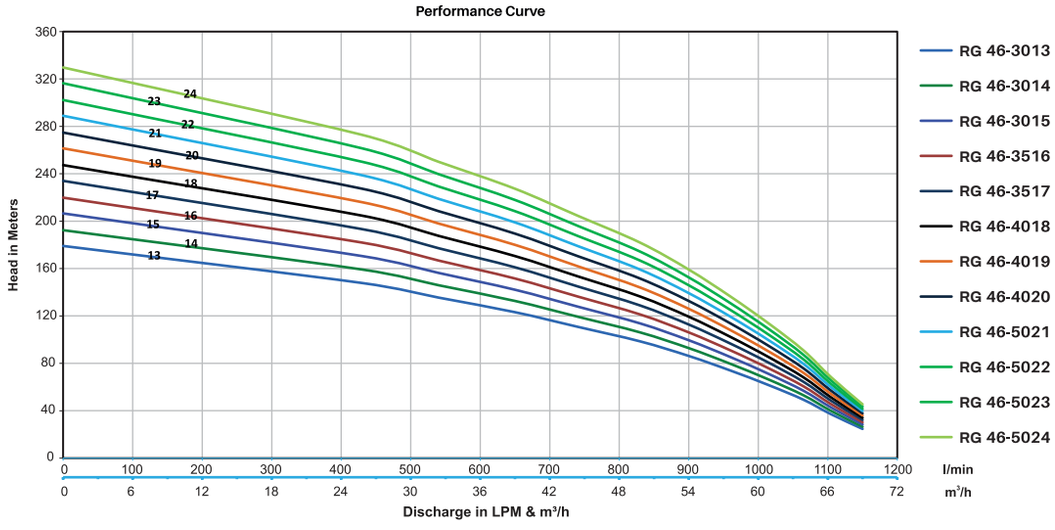


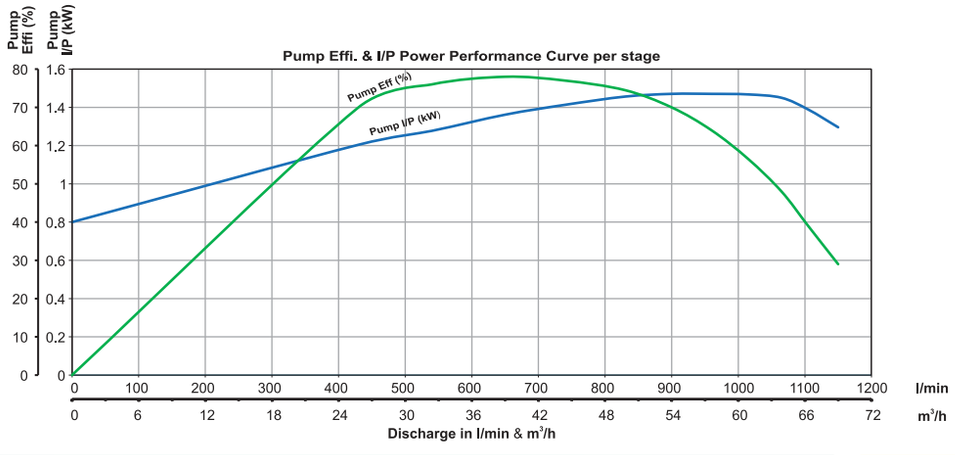
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 100MM(4.0")	Flow Q											
					m^3/h	0	25.8	32.4	39.0	44.4	49.8	54.0	57.6	60.9	63.9	66.3	69.0
					l / min	0	430	540	650	740	830	900	960	1015	1065	1105	1150
13	RG 46-3013	22.0	30.0	13		189	156	143	130	117	104	91	78	65	52	39	26
14	RG 46-3014	22.0	30.0	14		203	168	154	140	126	112	98	84	70	56	42	28
15	RG 46-3015	22.0	30.0	15		218	180	165	150	135	120	105	90	75	60	45	30
16	RG 46-3516	26.0	35.0	16		232	192	176	160	144	128	112	96	80	64	48	32
17	RG 46-3517	26.0	35.0	17		247	204	187	170	153	136	119	102	85	68	51	34
18	RG 46-4018	30.0	40.0	18	H (m)	261	216	198	180	162	144	126	108	90	72	54	36
19	RG 46-4019	30.0	40.0	19		276	228	209	190	171	152	133	114	95	76	57	38
20	RG 46-4020	30.0	40.0	20		290	240	220	200	180	160	140	120	100	80	60	40
21	RG 46-5021	37.0	50.0	21		305	252	231	210	189	168	147	126	105	84	63	42
22	RG 46-5022	37.0	50.0	22		319	264	242	220	198	176	154	132	110	88	66	44
23	RG 46-5023	37.0	50.0	23		334	276	253	230	207	184	161	138	115	92	69	46
24	RG 46-5024	37.0	50.0	24		348	288	264	240	216	192	168	144	120	96	72	48





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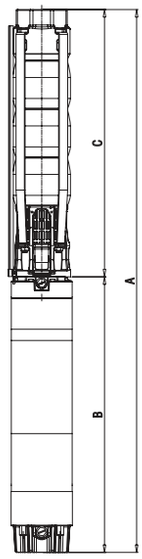
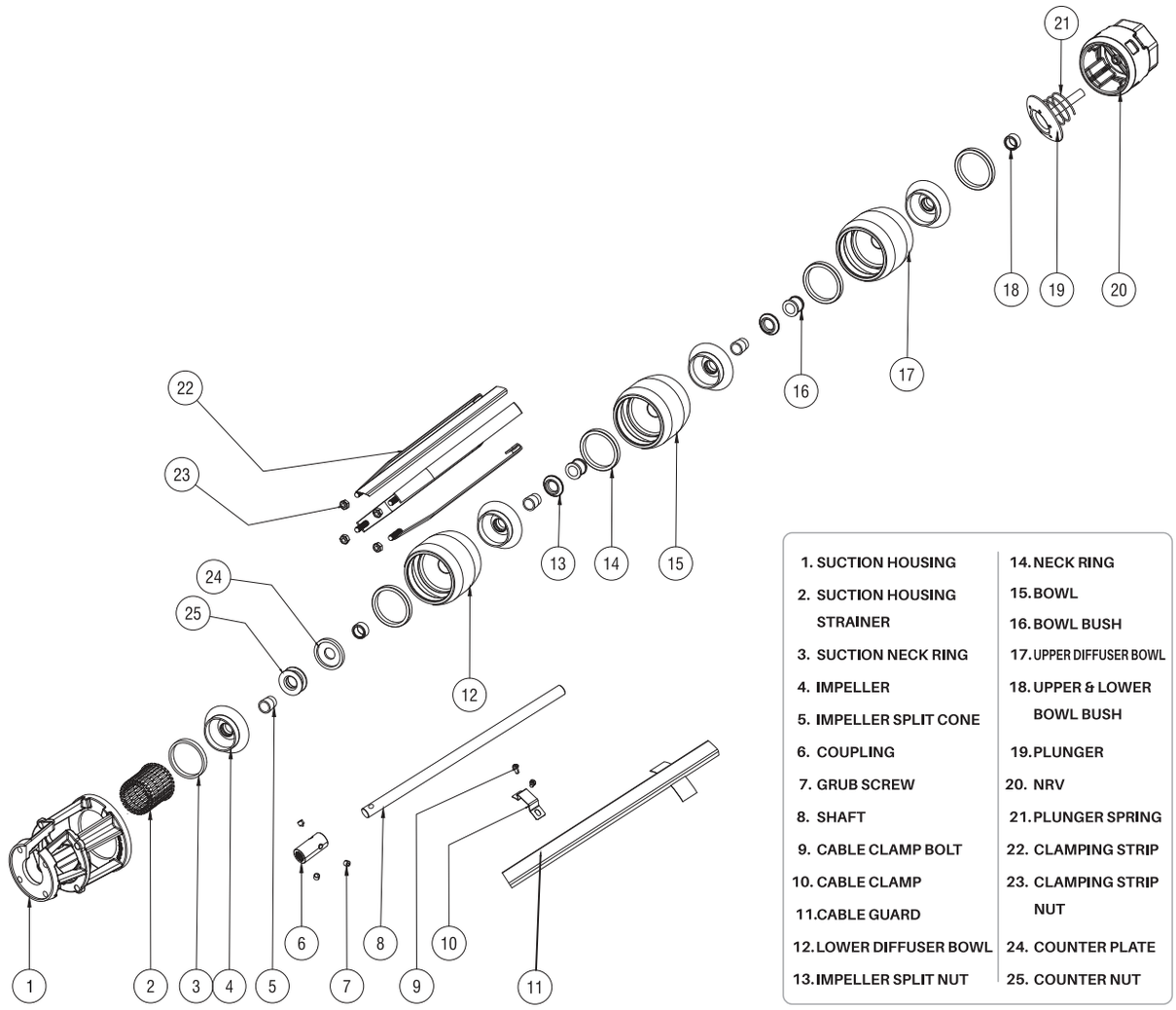
RG 46

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 46-3013	-	57.00	-	225.00	2852	1100	1752
RG 46-3014	-	57.00	-	225.00	2965	1100	1865
RG 46-3015	-	57.00	-	225.00	3078	1100	1978
RG 46-3516	-	66.00	-	270.00	3251	1160	2091
RG 46-3517	-	66.00	-	270.00	3364	1160	2204
RG 46-4018	-	76.00	-	355.00	3547	1230	2317
RG 46-4019	-	76.00	-	355.00	3660	1230	2430
RG 46-4020	-	76.00	-	355.00	3773	1230	2543
RG 46-5021	-	85.00	-	420.00	3986	1330	2656
RG 46-5022	-	85.00	-	420.00	4099	1330	2769
RG 46-5023	-	85.00	-	420.00	4212	1330	2882
RG 46-5024	-	85.00	-	420.00	4325	1330	2995





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5. IMPELLER SPLIT CONE
6. COUPLING
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8. SHAFT
9. CABLE CLAMP BOLT
10. CABLE CLAMP
11. CABLE GUARD
12. LOWER DIFFUSER BOWL
13. IMPELLER SPLIT NUT
14. NECK RING
15. BOWL
16. BOWL BUSH
17. UPPER DIFFUSER BOWL
18. UPPER & LOWER BOWL BUSH
19. PLUNGER
20. NRV
21. PLUNGER SPRING
22. CLAMPING STRIP
23. CLAMPING STRIP NUT
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25. COUNTER NUT

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RG 60

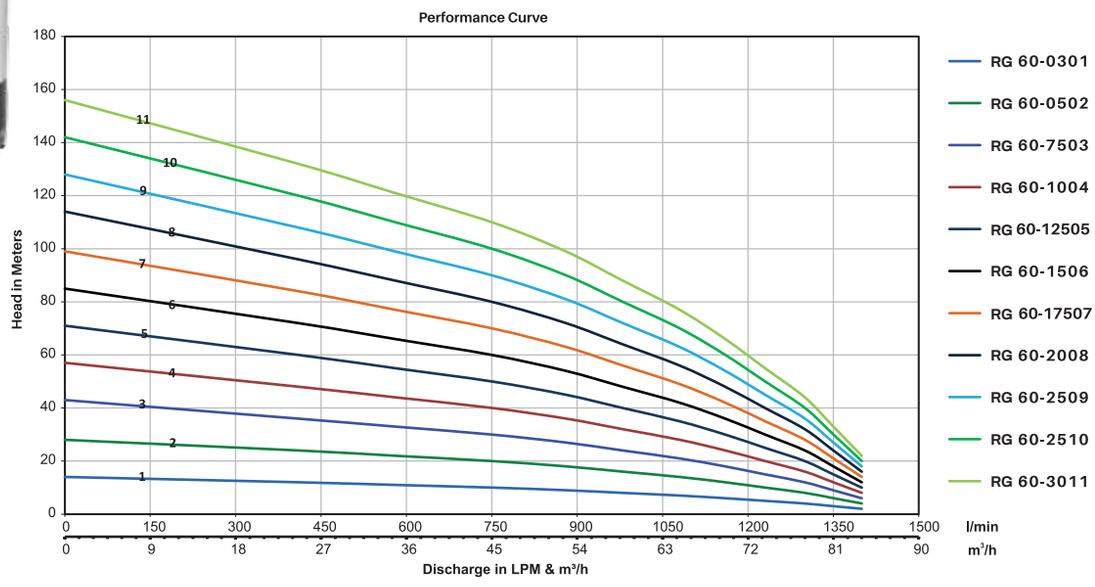


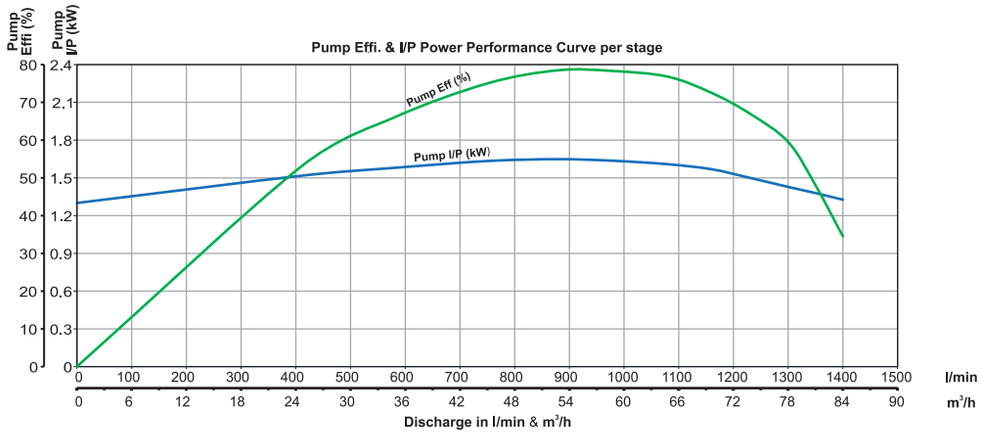
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 100MM(4.0")	Flow Q											
					m^3/h	0	24.6	34.8	45.0	52.8	58.8	64.8	69.6	73.8	78.0	81.0	84.0
					l / min	0	410	580	750	880	980	1080	1160	1230	1300	1350	1400
1	RG 60-0301	2.20	3.00	1		14	12	11	10	9	8	7	6	5	4	3	2
2	RG 60-0502	3.70	5.00	2		28	24	22	20	18	16	14	12	10	8	6	4
3	RG 60-7503	5.50	7.50	3		43	36	33	30	27	24	21	18	15	12	9	6
4	RG 60-1004	7.50	10.0	4		57	48	44	40	36	32	28	24	20	16	12	8
5	RG 60-12505	9.30	12.5	5		71	60	55	50	45	40	35	30	25	20	15	10
6	RG 60-1506	11.0	15.0	6	H (m)	85	72	66	60	54	48	42	36	30	24	18	12
7	RG 60-17507	13.0	17.5	7		99	84	77	70	63	56	49	42	35	28	21	14
8	RG 60-2008	15.0	20.0	8		114	96	88	80	72	64	56	48	40	32	24	16
9	RG 60-2509	18.5	25.0	9		128	108	99	90	81	72	63	54	45	36	27	18
10	RG 60-2510	18.5	25.0	10		142	120	110	100	90	80	70	60	50	40	30	20
11	RG 60-3011	22.0	30.0	11		156	132	121	110	99	88	77	66	55	44	33	22





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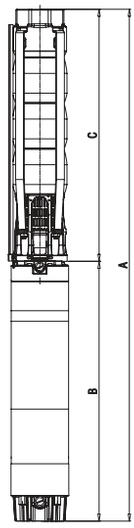
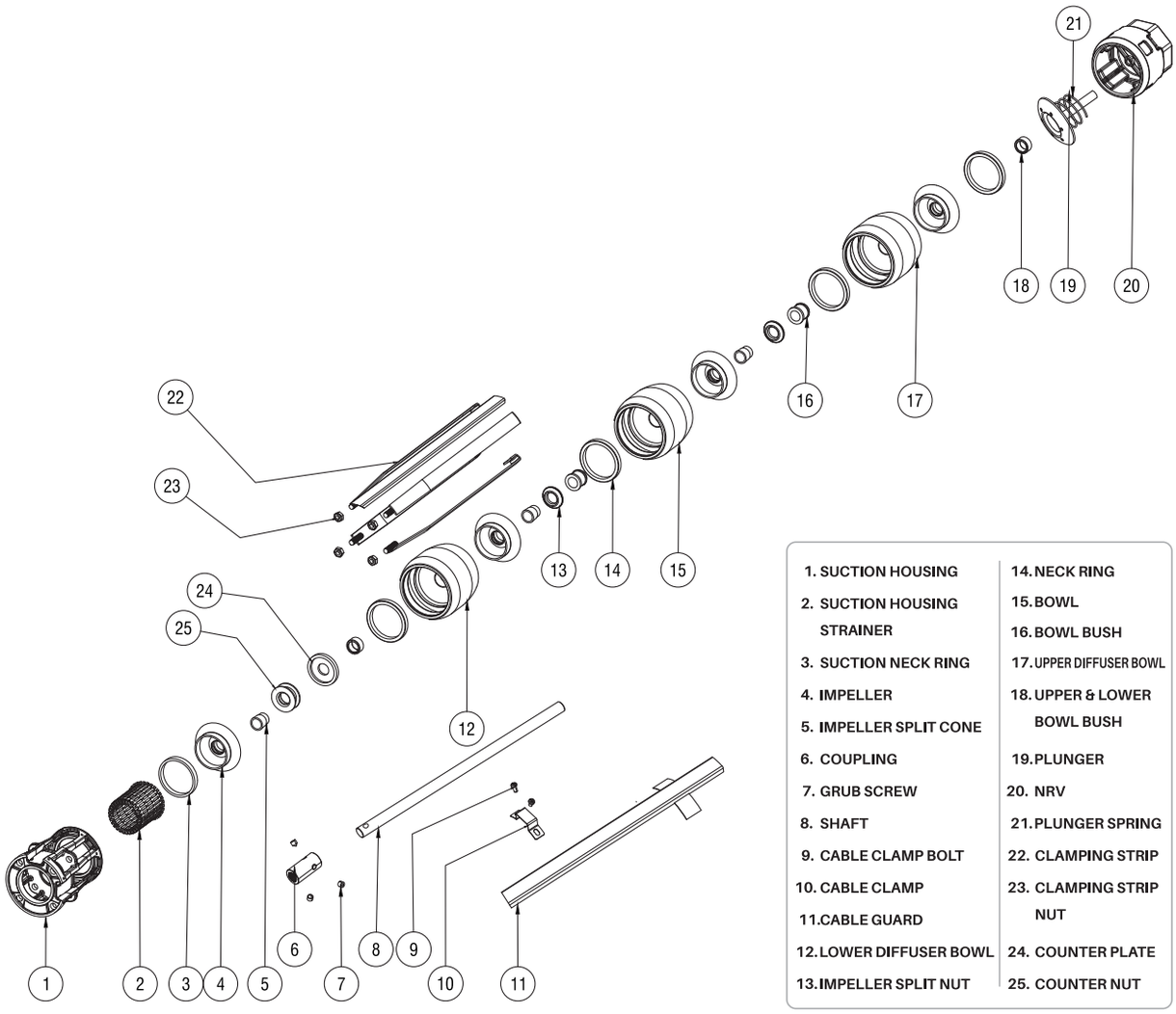
RG 60

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 60-0301	-	6.50	-	28.00	1051	655	396
RG 60-0502	-	10.00	-	42.00	1249	740	509
RG 60-7503	-	14.50	-	52.00	1392	770	622
RG 60-1004	-	19.50	-	70.00	1535	800	735
RG60-12505	-	25.00	-	84.00	1688	840	848
RG 60-1506	-	29.00	-	102.00	1841	880	961
RG60-17507	-	34.00	-	118.00	1994	920	1074
RG 60-2008	-	39.00	-	148.00	2137	950	1187
RG 60-2509	-	48.00	-	188.00	2330	1030	1300
RG 60-2510	-	48.00	-	188.00	2443	1030	1413
RG 60-3011	-	57.00	-	225.00	2626	1100	1526





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2. SUCTION HOUSING STRAINER
3. SUCTION NECK RING
4. IMPELLER
5. IMPELLER SPLIT CONE
6. COUPLING
7. GRUB SCREW
8. SHAFT
9. CABLE CLAMP BOLT
10. CABLE CLAMP
11. CABLE GUARD
12. LOWER DIFFUSER BOWL
13. IMPELLER SPLIT NUT
14. NECK RING
15. BOWL
16. BOWL BUSH
17. UPPER DIFFUSER BOWL
18. UPPER & LOWER BOWL BUSH
19. PLUNGER
20. NRV
21. PLUNGER SPRING
22. CLAMPING STRIP
23. CLAMPING STRIP NUT
24. COUNTER PLATE
25. COUNTER NUT

RG 60

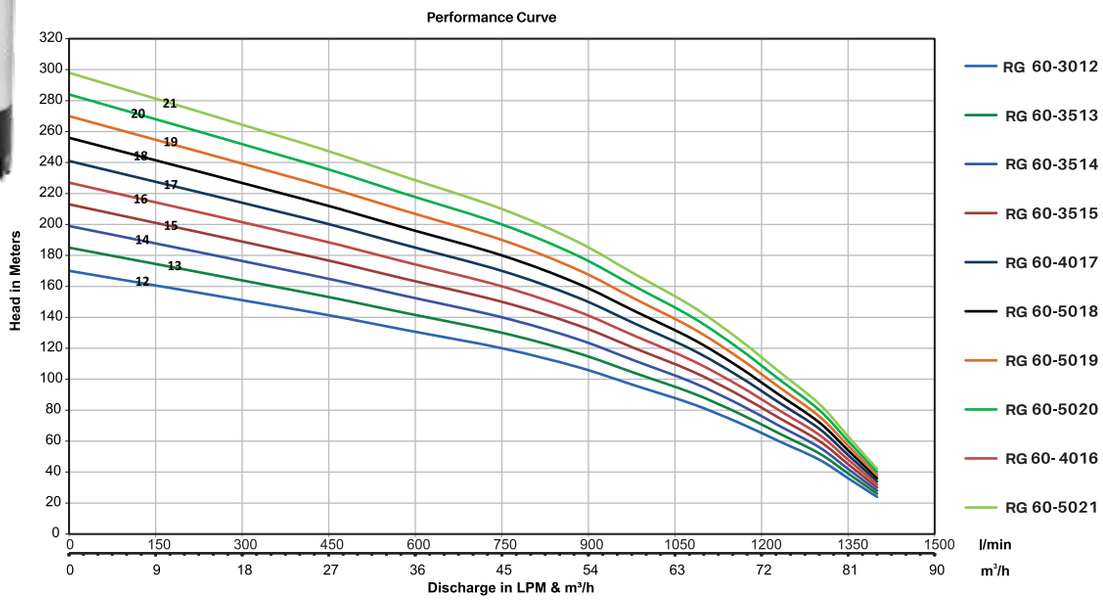


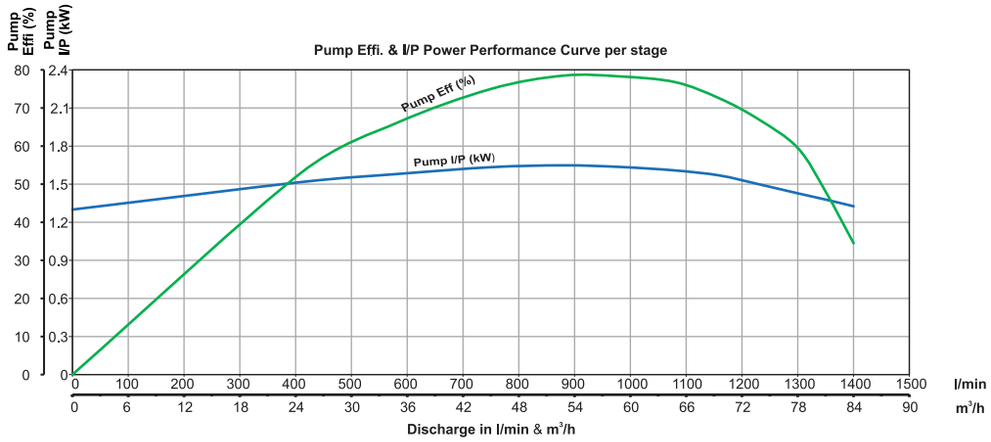
6" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-6 Submersible Pumpset Suitable For 150mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 100MM(4.0") m^3/h	Flow Q 0	24.6	34.8	45.0	52.8	58.8	64.8	69.6	73.8	78.0	81.0	84.0
					l / min	0	410	580	750	880	980	1080	1160	1230	1300	1350	1400
12	RG 60-3012	22.0	30.0	12		170	144	132	120	108	96	84	72	60	48	36	24
13	RG 60-3513	26.0	35.0	13		185	156	143	130	117	104	91	78	65	52	39	26
14	RG 60-3514	26.0	35.0	14		199	168	154	140	126	112	98	84	70	56	42	28
15	RG 60-3515	26.0	35.0	15		213	180	165	150	135	120	105	90	75	60	45	30
16	RG 60- 4016	30.0	40.0	16	H (m)	227	192	176	160	144	128	112	96	80	64	48	32
17	RG 60-4017	30.0	40.0	17		241	204	187	170	153	136	119	102	85	68	51	34
18	RG 60-5018	37.0	50.0	18		256	216	198	180	162	144	126	108	90	72	54	36
19	RG 60-5019	37.0	50.0	19		270	228	209	190	171	152	133	114	95	76	57	38
20	RG 60-5020	37.0	50.0	20		284	240	220	200	180	160	140	120	100	80	60	40
21	RG 60-5021	37.0	50.0	21		298	252	231	210	189	168	147	126	105	84	63	42





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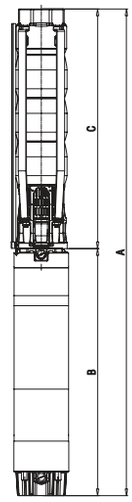
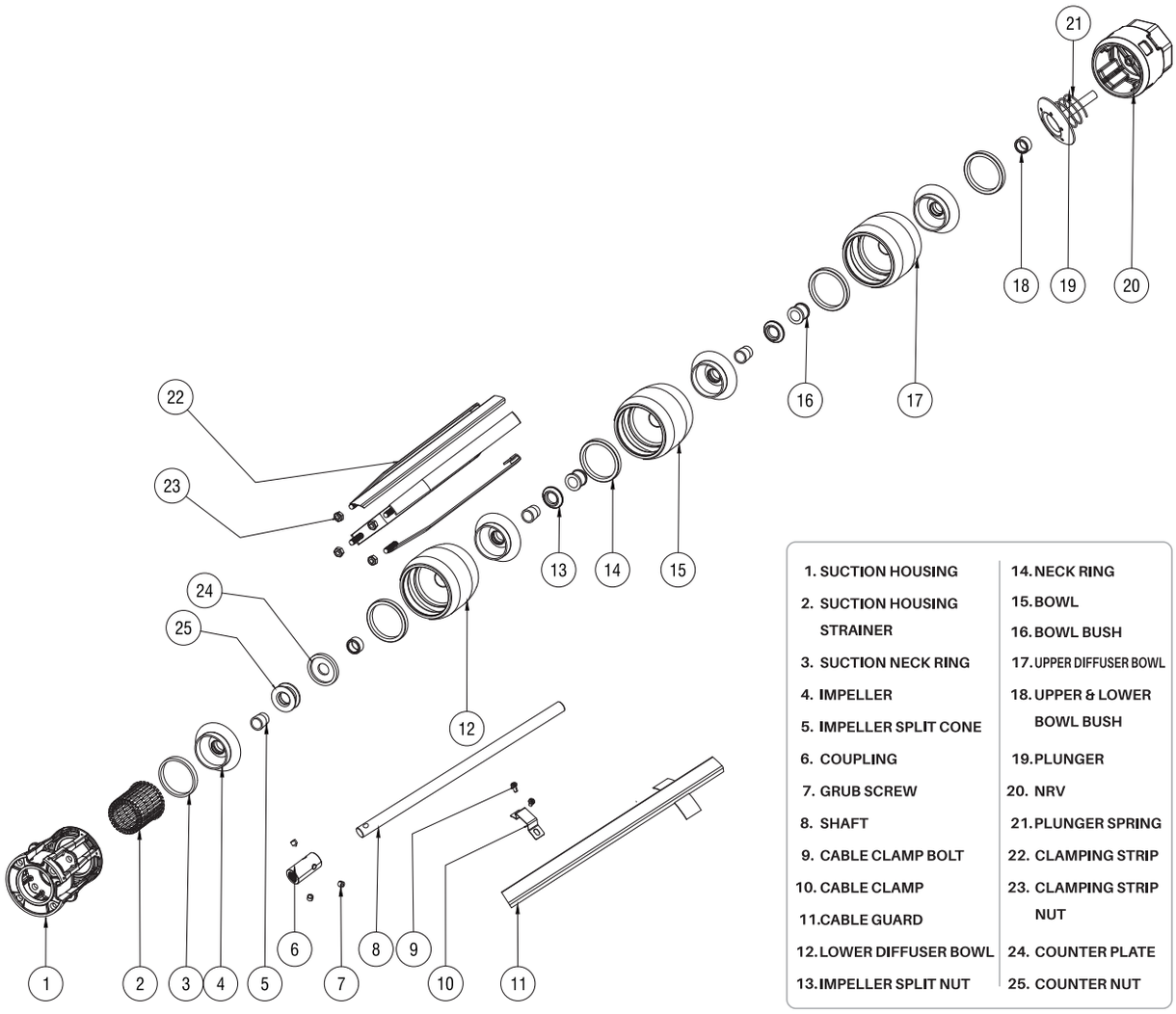
RG 60

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 60-3012	-	57.00	-	225.00	2739	1100	1639
RG 60-3513	-	66.00	-	270.00	2912	1160	1752
RG 60-3514	-	66.00	-	270.00	3025	1160	1865
RG 60-3515	-	66.00	-	270.00	3138	1160	1978
RG 60-4016	-	76.00	-	355.00	3321	1230	2091
RG 60-4017	-	76.00	-	355.00	3434	1230	2204
RG 60-5018	-	85.00	-	420.00	3647	1330	2317
RG 60-5019	-	85.00	-	420.00	3760	1330	2430
RG 60-5020	-	85.00	-	420.00	3873	1330	2543
RG 60-5021	-	85.00	-	420.00	3986	1330	2656





1. SUCTION HOUSING
2. SUCTION HOUSING STRAINER
3. SUCTION NECK RING
4. IMPELLER
5. IMPELLER SPLIT CONE
6. COUPLING
7. GRUB SCREW
8. SHAFT
9. CABLE CLAMP BOLT
10. CABLE CLAMP
11. CABLE GUARD
12. LOWER DIFFUSER BOWL
13. IMPELLER SPLIT NUT
14. NECK RING
15. BOWL
16. BOWL BUSH
17. UPPER DIFFUSER BOWL
18. UPPER & LOWER BOWL BUSH
19. PLUNGER
20. NRV
21. PLUNGER SPRING
22. CLAMPING STRIP
23. CLAMPING STRIP NUT
24. COUNTER PLATE
25. COUNTER NUT

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RG 77

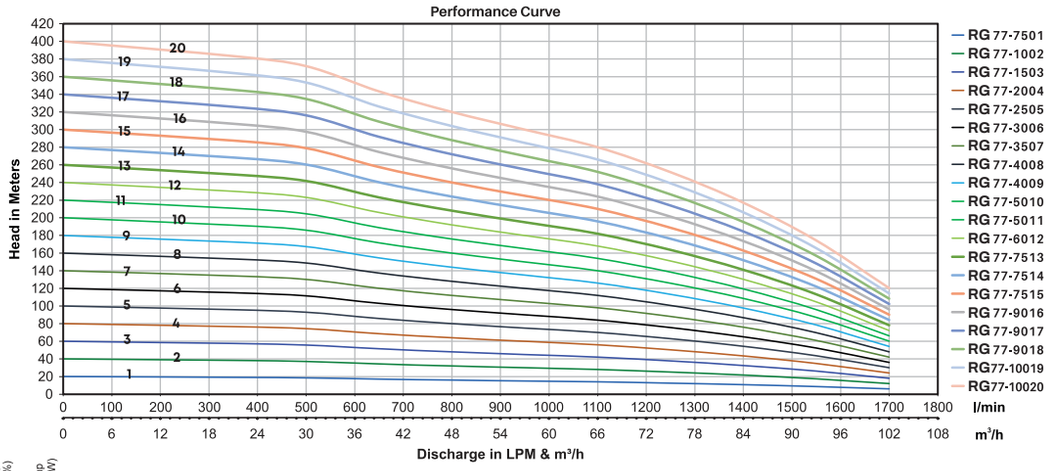


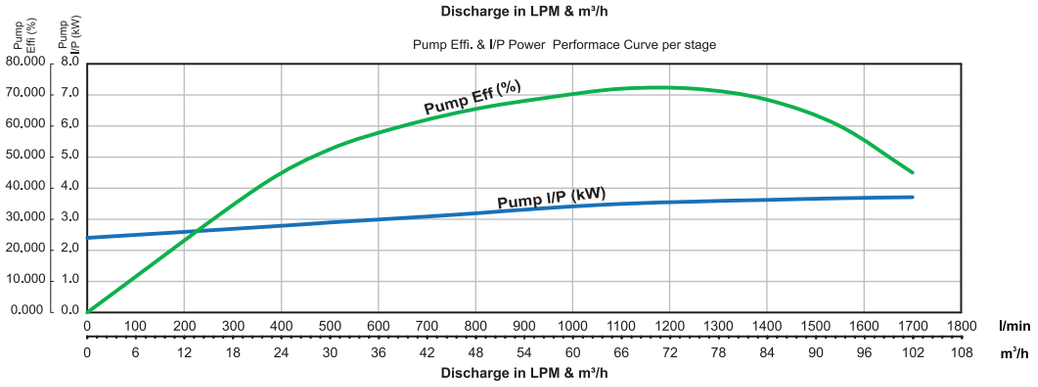
8" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-8 Submersible Pumpset Suitable For 200mm Borewell

SR. NO.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERY SIZE 125MM (5.0") m^3/h / l / min	Flow Q 0	21.0	30.0	39.0	48.0	57.0	66.0	75.0	84.0	93.0	102.0
						0	350	500	650	800	950	1100	1250	1400	1550	1700
1	RG 77-7501	5.50	7.50	1		20	19	18	17	16	15	14	13	11	9	6
2	RG 77-1002	7.50	10.00	2		40	38	37	34	32	30	28	25	22	17	12
3	RG 77-1503	11.00	15.00	3		60	58	56	52	48	45	42	38	33	26	18
4	RG 77-2004	15.00	20.00	4		80	77	74	69	64	60	56	50	43	35	24
5	RG 77-2505	18.50	25.00	5		100	96	93	86	80	75	70	63	54	44	30
6	RG 77-3006	22.00	30.00	6		120	115	112	103	96	90	84	76	65	52	36
7	RG 77-3507	26.00	35.00	7		140	134	130	120	112	105	98	88	76	61	42
8	RG 77-4008	30.00	40.00	8		160	153	149	137	128	120	112	101	87	70	48
9	RG 77-4009	30.00	40.00	9		180	173	167	155	144	135	126	113	98	78	54
10	RG 77-5010	37.00	50.00	10		200	192	186	172	160	150	140	126	109	87	60
11	RG 77-5011	37.00	50.00	11	H (m)	220	211	205	189	176	165	154	138	119	96	66
12	RG 77-6012	45.00	60.00	12		240	230	223	206	192	180	168	151	130	105	72
13	RG 77-7513	55.00	75.00	13		260	249	242	223	208	195	182	164	141	113	78
14	RG 77-7514	55.00	75.00	14		280	268	260	240	224	210	196	176	152	122	84
15	RG 77-7515	55.00	75.00	15		300	288	279	258	240	225	210	189	163	131	90
16	RG 77-9016	67.00	90.00	16		320	307	298	275	256	240	224	201	174	139	96
17	RG 77-9017	67.00	90.00	17		340	326	316	292	272	255	238	214	185	148	102
18	RG 77-9018	67.00	90.00	18		360	345	335	309	288	270	252	227	195	157	108
19	RG77-10019	75.00	100.00	19		380	364	353	326	304	285	266	239	206	166	114
20	RG77-10020	75.00	100.00	20		400	383	372	343	320	300	280	252	217	174	120





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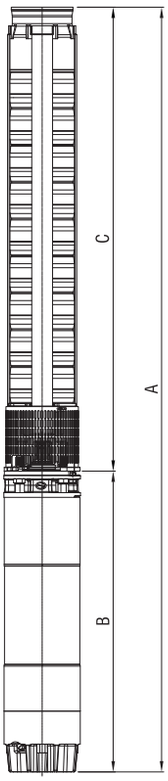
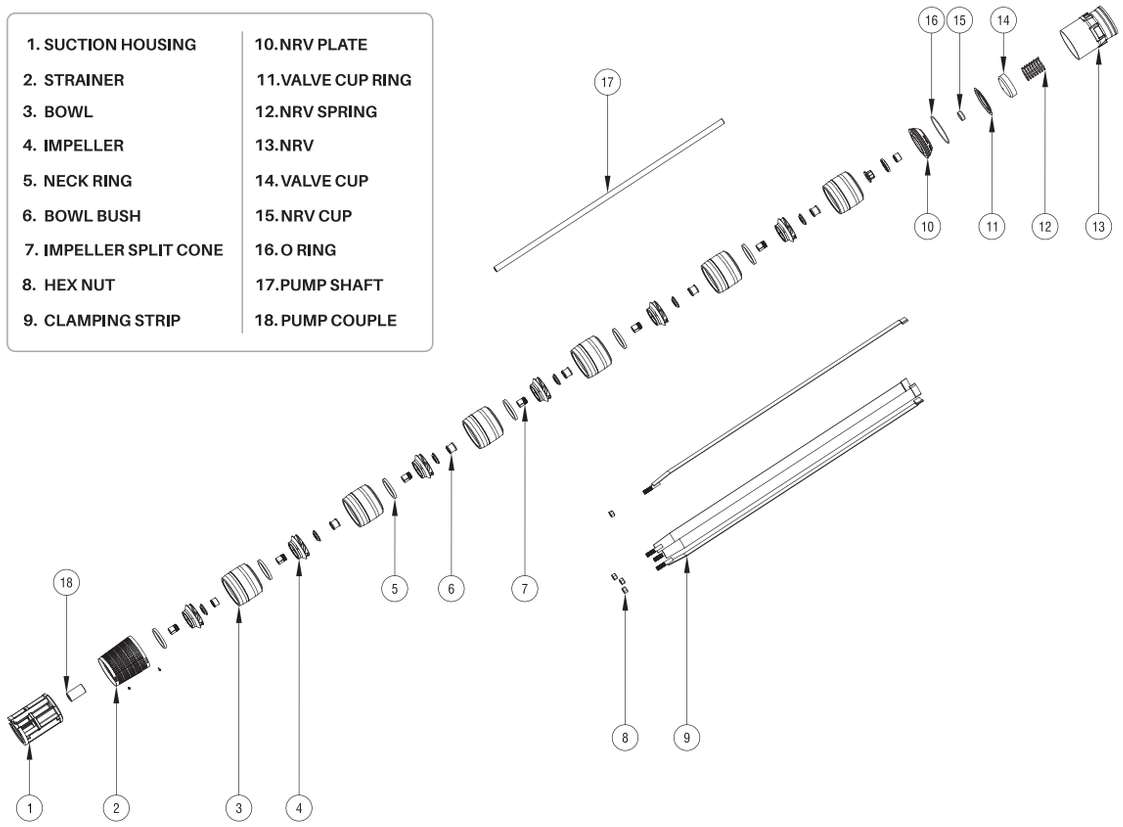
RG 77

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 77-7501	-	14.5	-	49	1356	770	586
RG 77-1002	-	19.5	-	66	1658	944	714
RG 77-1503	-	29	-	99	1836	994	842
RG 77-2004	-	39	-	132	2014	1044	970
RG 77-2505	-	48	-	163	2182	1084	1098
RG 77-3006	-	57	-	194	2350	1124	1226
RG 77-3507	-	66	-	225	2518	1164	1354
RG 77-4008	-	76	-	262	2676	1194	1482
RG 77-4009	-	76	-	262	2804	1194	1610
RG 77-5010	-	85	-	286	3002	1264	1738
RG 77-5011	-	85	-	286	3130	1264	1866
RG 77-6012	-	100	-	322	3338	1344	1994
RG 77-7513	-	120	-	416	3616	1494	2122
RG 77-7514	-	120	-	416	3744	1494	2250
RG 77-7515	-	120	-	416	3872	1494	2378
RG 77-9016	-	144	-	538	4120	1614	2506
RG 77-9017	-	144	-	538	4248	1614	2634
RG 77-9018	-	144	-	538	4376	1614	2762
RG 77-10019	-	158	-	602	4554	1664	2890
RG 77-10020	-	158	-	602	4682	1664	3018



1. SUCTION HOUSING
2. STRAINER
3. BOWL
4. IMPELLER
5. NECK RING
6. BOWL BUSH
7. IMPELLER SPLIT CONE
8. HEX NUT
9. CLAMPING STRIP
10. NRV PLATE
11. VALVE CUP RING
12. NRV SPRING
13. NRV
14. VALVE CUP
15. NRV CUP
16. O RING
17. PUMP SHAFT
18. PUMP COUPLE



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RG 95



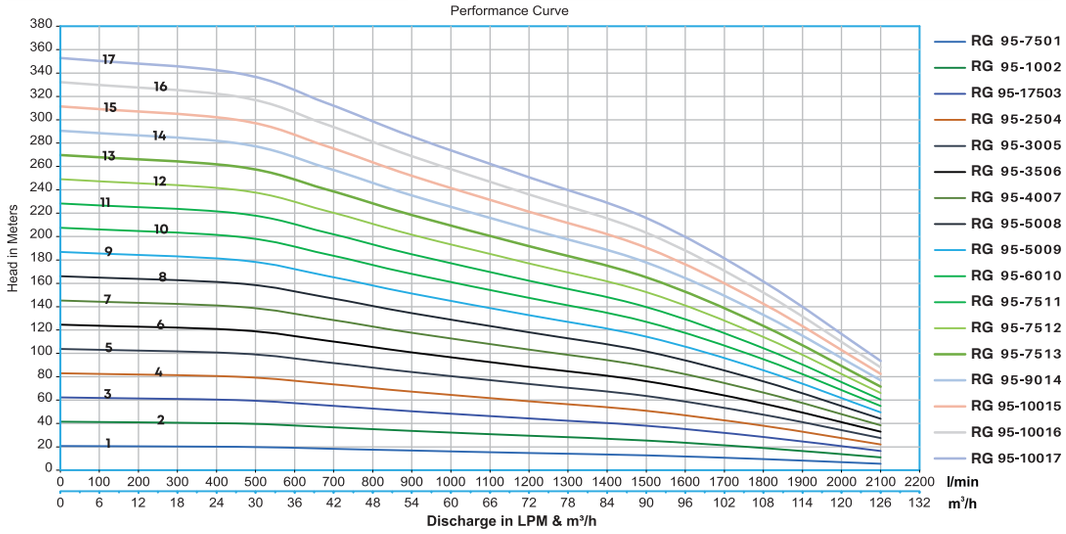
8" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

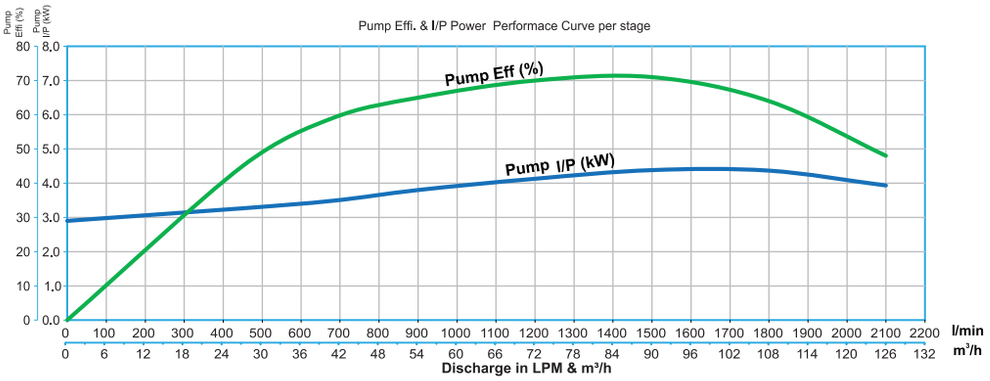
Performance Chart For S.S.V-8 Submersible Pumpset Suitable For 200mm Borewell

SR. NO.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERY SIZE 125MM (5.0") m^3/h	Flow Q 0	27.0	40.8	54.0	72.0	90.0	108.0	126.0
					l / min	0	450	680	900	1200	1500	1800	2100
1	RG 95-7501	5.50	7.50	1		21	20	19	17	15	13	10	6
2	RG 95-1002	7.50	10.00	2		42	40	37	34	30	25	19	11
3	RG 95-17503	13.00	17.50	3		62	60	56	50	44	38	29	17
4	RG 95-2504	18.50	25.00	4		83	80	74	67	59	51	38	22
5	RG 95-3005	22.00	30.00	5		104	100	93	84	74	64	48	28
6	RG 95-3506	26.00	35.00	6		125	120	111	101	89	76	57	33
7	RG 95-4007	30.00	40.00	7		145	140	130	118	103	89	67	39
8	RG 95-5008	37.00	50.00	8		166	160	148	134	118	102	76	44
9	RG 95-5009	37.00	50.00	9	H (m)	187	180	167	151	133	114	86	50
10	RG 95-6010	45.00	60.00	10		208	200	185	168	148	127	95	55
11	RG 95-7511	55.00	75.00	11		228	220	204	185	162	140	105	61
12	RG 95-7512	55.00	75.00	12		249	240	222	202	177	152	114	66
13	RG 95-7513	55.00	75.00	13		270	260	241	218	192	165	124	72
14	RG 95-9014	67.00	90.00	14		291	280	259	235	207	178	133	77
15	RG 95-10015	75.00	100.00	15		311	300	278	252	221	191	143	83
16	RG 95-10016	75.00	100.00	16		332	320	296	269	236	203	152	88
17	RG 95-10017	75.00	100.00	17		353	340	315	286	251	216	162	94

Performance Curve



Pump Effi. & I/P Power Performace Curve per stage



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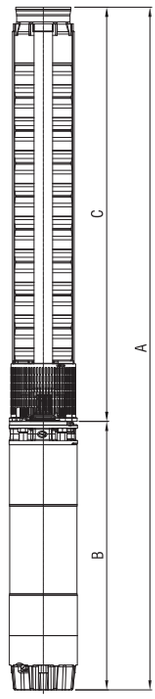
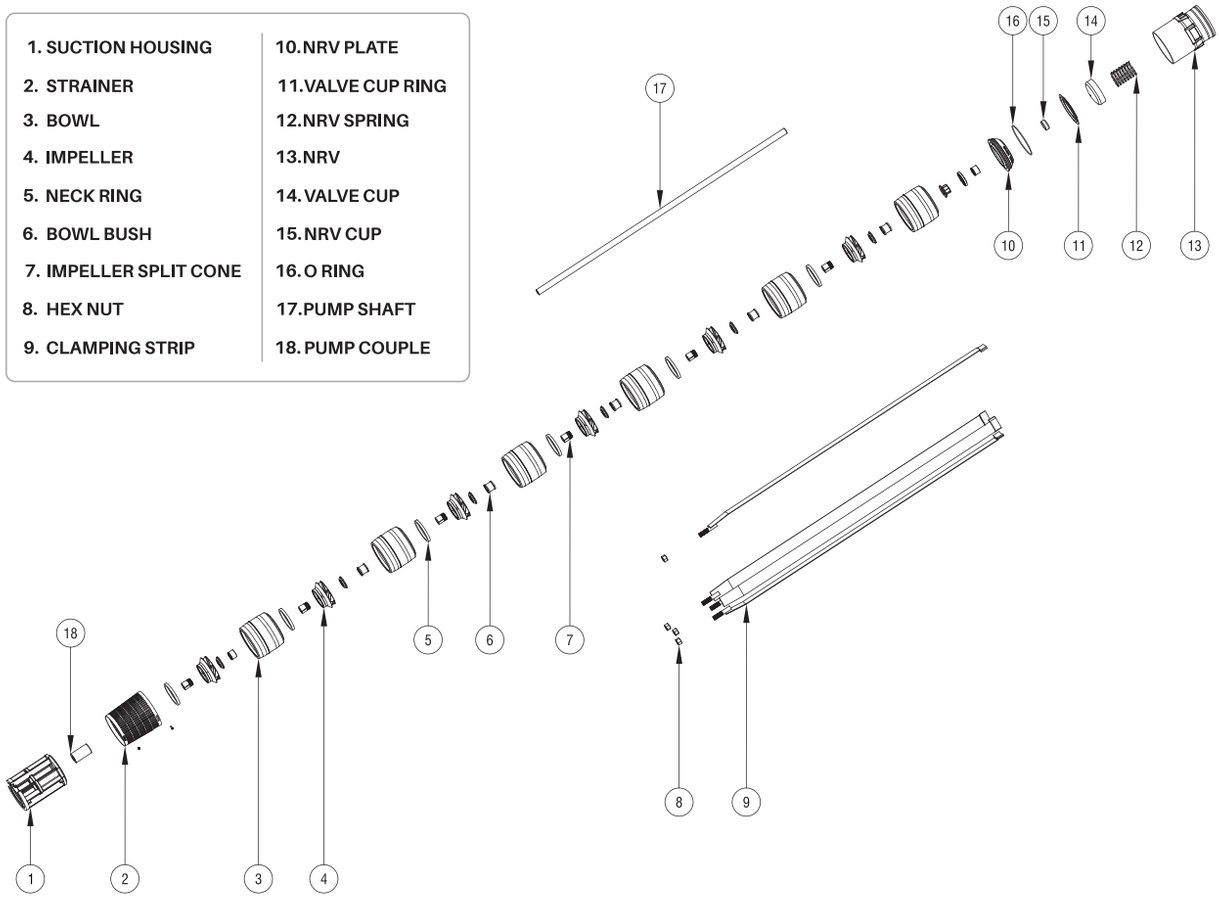
RG 95

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 95-7501	-	14.5	-	49	1356	770	586
RG 95-1002	-	19.5	-	66	1658	944	714
RG 95-17503	-	34	-	116	1866	1024	842
RG 95-2504	-	48	-	163	2054	1084	970
RG 95-3005	-	57	-	194	2222	1124	1098
RG 95-3506	-	66	-	225	2390	1164	1226
RG 95-4007	-	76	-	262	2548	1194	1354
RG 95-5008	-	85	-	286	2746	1264	1482
RG 95-5009	-	85	-	286	2874	1264	1610
RG 95-6010	-	100	-	322	3082	1344	1738
RG 95-7511	-	120	-	416	3360	1494	1866
RG 95-7512	-	120	-	416	3488	1494	1994
RG 95-7513	-	120	-	416	3616	1494	2122
RG 95-9014	-	144	-	538	3864	1614	2250
RG 95-10015	-	158	-	602	4042	1664	2378
RG 95-10016	-	158	-	602	4170	1664	2506
RG 95-10017	-	158	-	602	4298	1664	2634



1. SUCTION HOUSING
2. STRAINER
3. BOWL
4. IMPELLER
5. NECK RING
6. BOWL BUSH
7. IMPELLER SPLIT CONE
8. HEX NUT
9. CLAMPING STRIP
10. NRV PLATE
11. VALVE CUP RING
12. NRV SPRING
13. NRV
14. VALVE CUP
15. NRV CUP
16. O RING
17. PUMP SHAFT
18. PUMP COUPLE



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RG 111

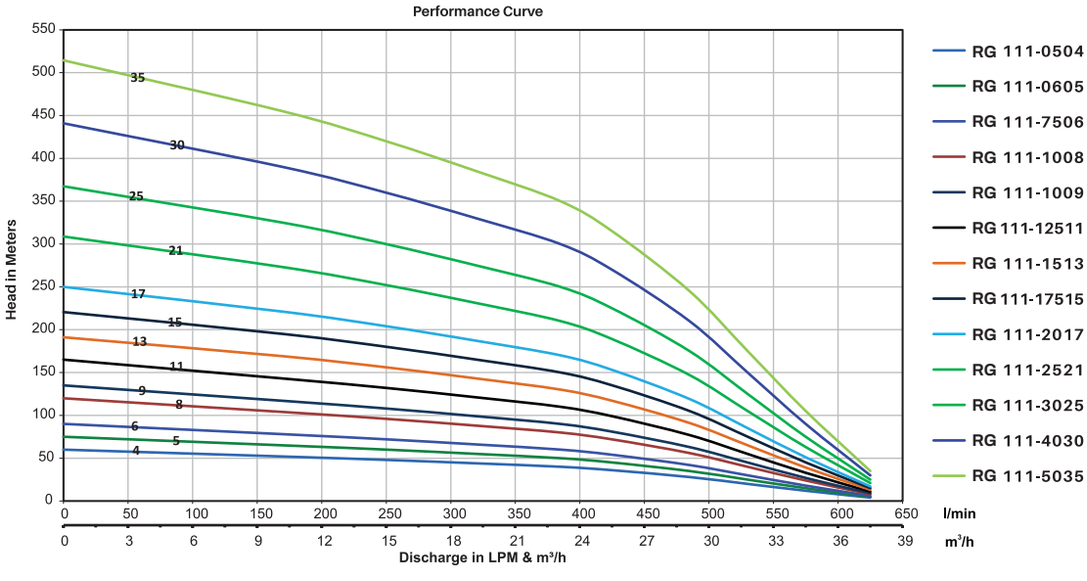


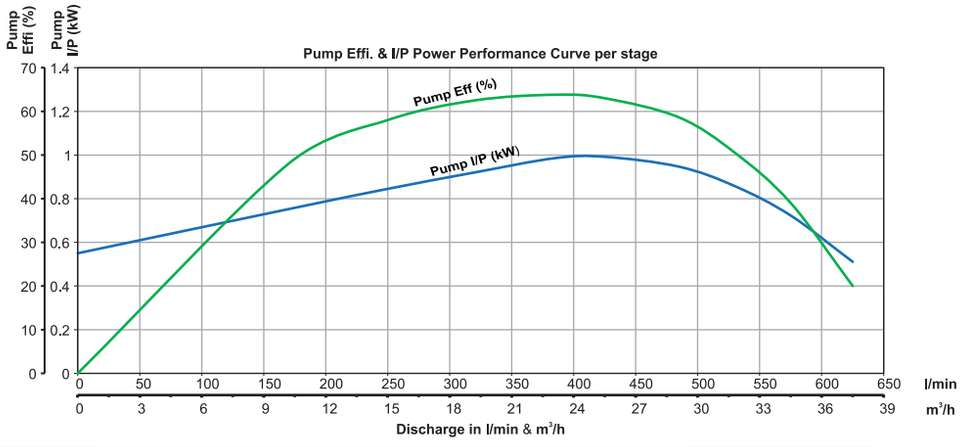
8" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

Performance Chart For S.S.V-8 Submersible Pumpset Suitable For 200mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 65MM(2.50")	Flow Q								
					m^3/h	0	10.2	15.0	19.2	23.1	25.5	29.1	31.8	34.5	37.5
					l / min	0	170	250	320	385	425	485	530	575	625
1	RG 111-0504	3.70	5.00	4		60	52	48	44	40	36	28	20	12	4
2	RG 111-0605	4.50	6.00	5		75	65	60	55	50	45	35	25	15	5
3	RG 111-7506	5.50	7.50	6		90	78	72	66	60	54	42	30	18	6
4	RG 111-1008	7.50	10.0	8		120	104	96	88	80	72	56	40	24	8
5	RG 111-1009	7.50	10.0	9		135	117	108	99	90	81	63	45	27	9
6	RG 111-12511	9.30	12.5	11		165	143	132	121	110	99	77	55	33	11
7	RG 111-1513	11.0	15.0	13	H (m)	191	169	156	143	130	117	91	65	39	13
8	RG 111-17515	13.0	17.5	15		221	195	180	165	150	135	105	75	45	15
9	RG 111-2017	15.0	20.0	17		250	221	204	187	170	153	119	85	51	17
10	RG 111-2521	18.5	25.0	21		309	273	252	231	210	189	147	105	63	21
11	RG 111-3025	22.0	30.0	25		368	325	300	275	250	225	175	125	75	25
12	RG 111-4030	30.0	40.0	30		441	390	360	330	300	270	210	150	90	30
13	RG 111-5035	37.0	50.0	35		515	455	420	385	350	315	245	175	105	35





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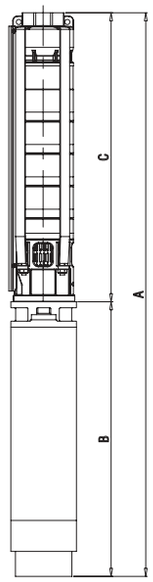
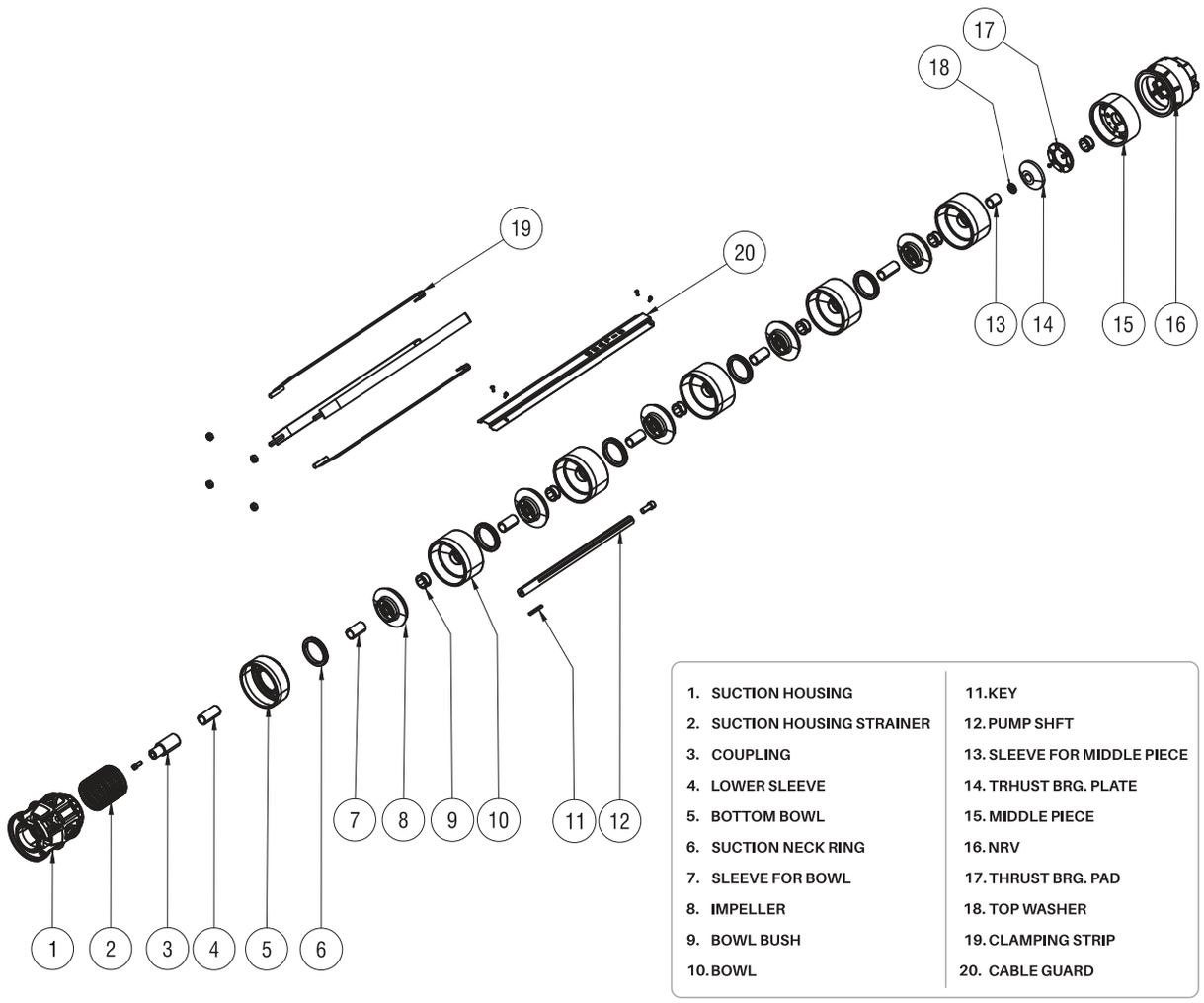
RG 111

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 111-0504	-	10.00	-	42.00	1359	740	619
RG 111-0605	-	12.00	-	50.00	1484	795	689
RG 111-7506	-	14.50	-	52.00	1529	770	759
RG 111-1008	-	19.50	-	70.00	1699	800	899
RG 111-1009	-	19.50	-	70.00	1769	800	969
RG111-12511	-	25.00	-	84.00	1949	840	1109
RG 111-1513	-	29.00	-	102.00	2129	880	1249
RG111-17515	-	34.00	-	118.00	2309	920	1389
RG 111-2017	-	39.00	-	148.00	2449	920	1529
RG 111-2521	-	48.00	-	188.00	2759	950	1809
RG 111-3025	-	57.00	-	225.00	3189	1100	2089
RG 111-4030	-	76.00	-	355.00	3669	1230	2439
RG111-5035	-	85.00	-	420.00	4119	1330	2789





1. SUCTION HOUSING
2. SUCTION HOUSING STRAINER
3. COUPLING
4. LOWER SLEEVE
5. BOTTOM BOWL
6. SUCTION NECK RING
7. SLEEVE FOR BOWL
8. IMPELLER
9. BOWL BUSH
10. BOWL
11. KEY
12. PUMP SHFT
13. SLEEVE FOR MIDDLE PIECE
14. TRHUST BRG. PLATE
15. MIDDLE PIECE
16. NRV
17. THRUST BRG. PAD
18. TOP WASHER
19. CLAMPING STRIP
20. CABLE GUARD

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RACE GROUP (K) LTD

RG 135



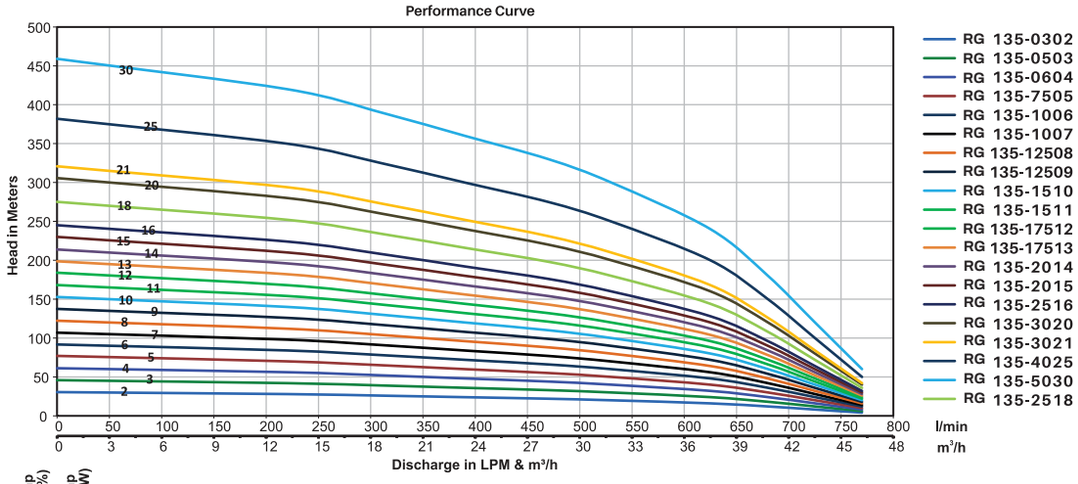
8" Stainless Steel Borewell Submersible Pumpset

PERFORMANCE

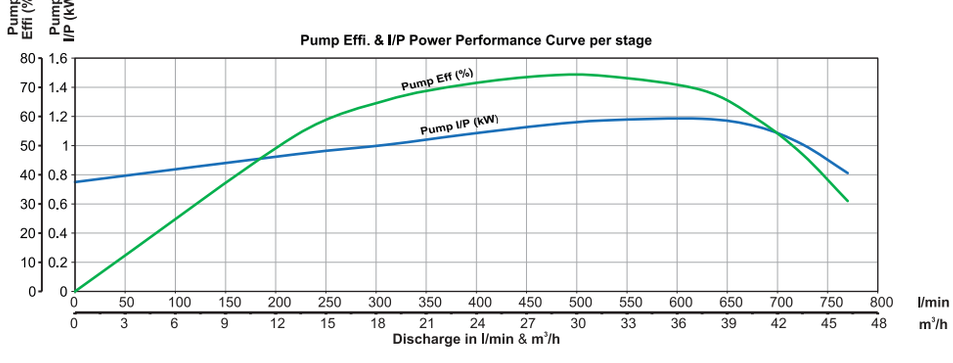
Performance Chart For S.S.V-8 Submersible Pumpset Suitable For 200mm Borewell

SR. No.	MODEL	MOTOR RATING kW	MOTOR RATING HP	STAGE	DELIVERYSIZE 65MM(2.50") m^3/h				Flow Q						
					l / min	0	13.2	18.6	23.4	28.2	31.8	37.5	40.8	43.5	46.2
						0	220	310	390	470	530	625	680	725	770
1	RG 135-0302	2.20	3.00	2		31	28	26	24	22	20	16	12	8	4
2	RG 135-0503	3.70	5.00	3		46	42	39	36	33	30	24	18	12	6
3	RG 135-0604	4.50	6.00	4		61	56	52	48	44	40	32	24	16	8
4	RG 135-7505	5.50	7.50	5		77	70	65	60	55	50	40	30	20	10
5	RG 135-1006	7.50	10.0	6		92	84	78	72	66	60	48	36	24	12
6	RG 135-1007	7.50	10.0	7		107	98	91	84	77	70	56	42	28	14
7	RG 135-12508	9.30	12.5	8		122	112	104	96	88	80	64	48	32	16
8	RG 135-12509	9.30	12.5	9		138	126	117	108	99	90	72	54	36	18
9	RG 135-1510	11.0	15.0	10		153	140	130	120	110	100	80	60	40	20
10	RG 135-1511	11.0	15.0	11	H (m)	168	154	143	132	121	110	88	66	44	22
11	RG 135-17512	13.0	17.5	12		184	168	156	144	132	120	96	72	48	24
12	RG 135-17513	13.0	17.5	13		199	182	169	156	143	130	104	78	52	26
13	RG 135-2014	15.0	20.0	14		214	196	182	168	154	140	112	84	56	28
14	RG 135-2015	15.0	20.0	15		230	210	195	180	165	150	120	90	60	30
15	RG 135-2516	18.5	25.0	16		245	224	208	192	176	160	128	96	64	32
16	RG 135-2518	18.5	25.0	18		275	252	234	216	198	180	144	108	72	36
17	RG 135-3020	22.0	30.0	20		306	280	260	240	220	200	160	120	80	40
18	RG 135-3021	22.0	30.0	21		321	294	273	252	231	210	168	126	84	42
19	RG 135-4025	30.0	40.0	25		382	350	325	300	275	250	200	150	100	50
20	RG 135-5030	37.0	50.0	30		459	420	390	360	330	300	240	180	120	60

Performance Curve



Pump Effi. & I/P Power Performance Curve per stage



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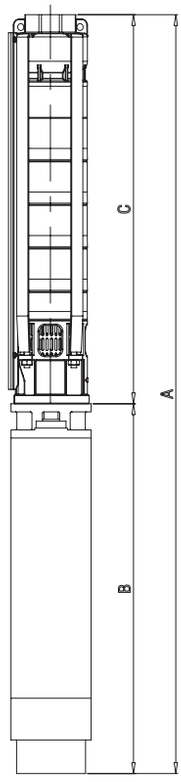
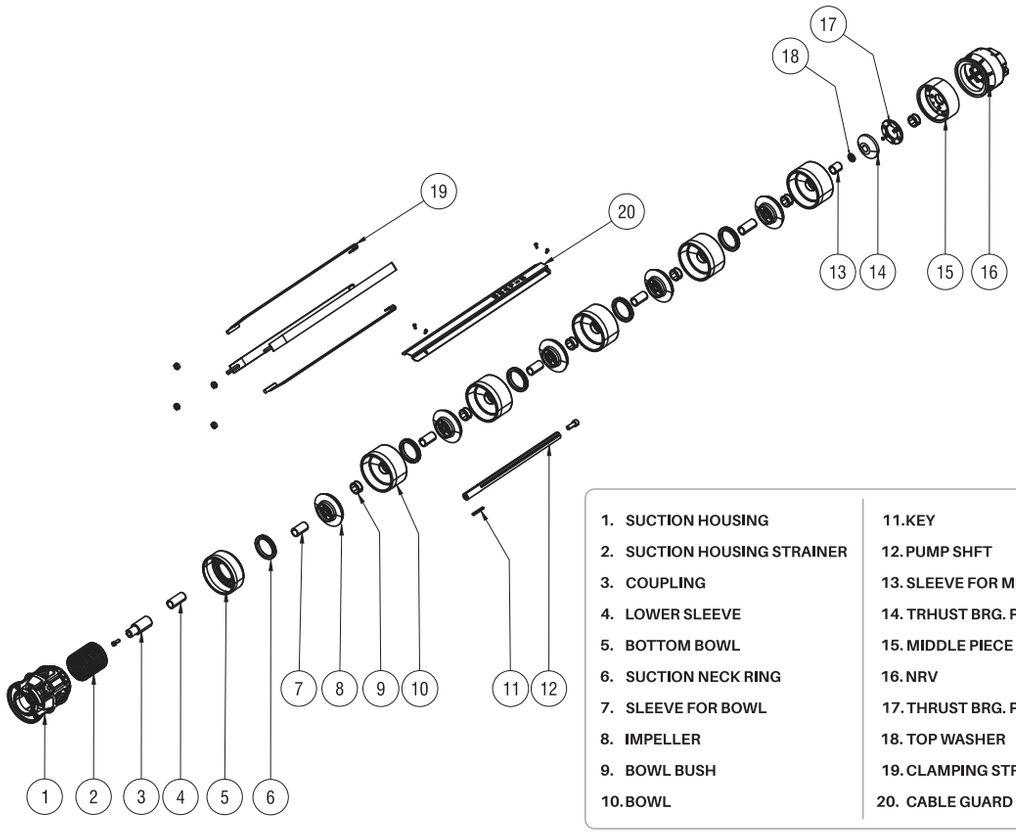
RG 135

MODEL	FULL LOAD CURRENT (A)		START CURRENT (A)		DIMENSIONS(MM) A	B	C
	1 PHASE	3 PHASE	1 PHASE	3 PHASE	3 PHASE	3 PHASE	
RG 135-0302	-	6.50	-	28.00	1134	655	479
RG 135-0503	-	10.00	-	42.00	1289	740	549
RG 135-0604	-	12.00	-	50.00	1414	795	619
RG 135-7505	-	14.50	-	52.00	1459	770	689
RG 135-1006	-	19.50	-	70.00	1559	800	759
RG 135-1007	-	19.50	-	70.00	1629	800	829
RG 135-12508	-	25.00	-	84.00	1739	840	899
RG 135-12509	-	25.00	-	84.00	1809	840	969
RG 135-1510	-	29.00	-	102.00	1919	880	1039
RG 135-1511	-	29.00	-	102.00	1989	880	1109
RG 135-17512	-	34.00	-	118.00	2099	920	1179
RG 135-17513	-	34.00	-	118.00	2169	920	1249
RG 135-2014	-	39.00	-	148.00	2269	950	1319
RG 135-2015	-	39.00	-	148.00	2339	950	1389
RG 135-2516	-	48.00	-	188.00	2489	1030	1459
RG 135-2518	-	48.00	-	188.00	2629	1030	1599
RG 135-3020	-	57.00	-	225.00	2839	1100	1739
RG 135-3021	-	57.00	-	225.00	2909	1100	1809
RG 135-4025	-	76.00	-	355.00	3319	1230	2089
RG 135-5030	-	85.00	-	420.00	3769	1330	2439





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Borehole Submersible Cable Sizing

	MOTOR SIZE		FULL LOAD CURRENT	MIN CABLE SIZE	CABLE DIMENSION						
					1.5mm²	2.5mm²	4mm²	6mm²	10mm²	16mm²	25mm²
	kW	HP	A	mm²							
Single Phase (~1)	0.37	0.5	3.5	1.5	180						
	0.55	0.75	5.0	1.5	121	202					
	0.75	1.0	6.7	1.5	91	152	243				
	1.10	1.5	7.2	1.5	63	105	168	252			
	1.50	2.0	10.6	1.5	49	81	130	195	326		
	2.25	3.0	15.8	2.5		56	89	134	223		
Three Phase (~3)	1.10	1.5	3.1	1.5	382	636					
	1.50	2.0	3.9	1.5	303	505					
	2.25	3.0	5.5	1.5	210	350					
	3.75	5.0	8.7	1.5	131	218	349				
	5.63	7.5	13.0	2.5		155	248	372			
	7.50	10.0	17.2	2.5			184	276	460		
	11.30	15.0	24.0	4.0			126	190	316	505	
	15.00	20.0	32.0	4.0			95	142	237	308	
	18.80	25.2	40.0	6.0				114	190	304	
	22.00	30.0	46.0	10.0					164	262	380
	26.00	35.0	57.5	10.0					133	210	317
	30.00	40.0	66.5	16.0						180	275
	37.00	50.0	80.0	16.0						150	228

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