



THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4" BOREWELLS HIGH DISCHARGE PUMPS AT 415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	1.2	1.4	1.6	1.8	2.0	2.2	2.6	2.8
					Lpm	0	72	84	97	108	120	132	156	168
					Lph	0	4320	5040	5800	6480	7200	7910	9360	10080
PGH725	3.7	5	25	40	HEAD IN METERS	168	150	146	139	130	119	106	76.6	59.9
PGH737	3.7	5	37	40		222	176	165	152	137	119	97		
PGI730	4.5	6	30	40		201	180	175	167	156	143	127	92	71
PGI745	4.5	6	45	40		270	214	201	185	167	144	117		
PGK737	5.5	7.5	37	40		248	223	216	206	192	176	157	113	88

SINGLE / THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4" BOREWELLS HIGH DISCHARGE PUMPS AT 220V/415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
					Lpm	0	150	180	210	240	270	300	330	360
					Lph	0	9000	10800	12600	14400	16200	18000	19800	21600
PGD1806	1.5	2	6	50	HEAD IN METERS	32	26	24	23	21	19	17	15	12
PGG1809	2.2	3	9	50		44	37	35	33	31	27	23	19	14

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MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
					Lpm	0	150	180	210	240	270	300	330	360
					Lph	0	9000	10800	12600	14400	16200	18000	19800	21600
PGE1812	3	4	12	50	HEAD IN METERS	58	50	45	41	37	33	28	22	16
PGH1815	3.7	5	15	50		70	58	56	54	48	43	35	30	22

Performance data given above are at rated voltage and speed. Actual performance might vary at field condition.

Specifications	3" Submersible	4" Submersible
Rating	0.75HP - 1.5HP (0.55kW - 1.1kW)	0.5HP - 7.5HP (0.37kW - 5.5kW)
Head Range	8 - 123 mts.	9 - 450 mts.
Discharge	600 - 4800LPH	600 - 21600 LPH
Voltage	220-240V 1Ø	220-240V 1Ø 380 - 415V 3Ø
Phase	1Ø	1Ø & 3Ø
Type of duty	S1 (Continuous)	S1 (Continuous)
Speed	2850 rpm	2850 rpm
Cable	3 Core flat / Round	3 Core flat / Round
Temperature	< 35°C	< 35°C
pH	6.5 to 8.5	6.5 to 8.5
Specific gravity	1.004max	1.004max
Pumping medium	Clean water free from solids and fibre	Clean water free from solids and fibre
	Free chemically and mechanically	Free chemically and mechanically
	Non-aggressive	Non-aggressive
CONSTRUCTION FEATURES		
Motor body	Stainless Steel	Stainless Steel
Impeller	Noryl /SS304	Noryl /SS304
Diffuser	Noryl /SS304	Noryl /SS304
Shaft	SS410 / SS431	SS410 / SS431
Thrust Bearing	SS / Carbon graphite	SS / Carbon graphite
Middle Bearing	Bronze / Carbon graphite	Bronze / Carbon graphite
Mounting standard	NEMA	NEMA
Cooling Medium	Water	Water
		Oil cooled-Transformer oil

SPECIAL FEATURES

- Designed for wide voltage fluctuations
- Copper Rotors
- Rewindable motor portion
- Easy maintenance
- High operating efficiency
- Dynamically Balanced Rotors to ensure long life
- Water lubricated bearings
- Smooth and Noiseless operations
- Low friction carbon thrust bearing
- Carbon thrust bearing for low voltage and quick start.

APPLICATIONS

- Small farms
- Domestic applications
- Nurseries
- Hotels
- Industries
- Gardens & Fountains
- Agricultural Irrigation
- Fire Fighting

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Pumpsets



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3” (75MM) SUBMERSIBLE PUMPSETS SINGLE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS AT 220V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY																	
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY												
					Lps	0	0.17	0.25	0.33	0.42	0.50	0.58	0.67	0.75	0.83	0.92	1.00
					Lpm	0	10	15	20	25	30	35	40	45	50	55	60
					Lph	0	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600
P3S212J	0.55	0.75	12	25	HEAD IN METERS	55		51	48	44	39	37	33	30	23	16	8
P3S215J	0.55	0.75	15	25		66	60	56	52	47	41	34	28	20	14		
P3S220B	0.75	1	20	25		85	80	75	70	63	55	48	39	28	18		
P3S230C	1.1	1.5	30	25		123	120	116	109	98	86	74	61	43	28		
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY												
					Lps	0	0.50	0.58	0.67	0.75	0.83	0.92	1.00	1.08	1.17	1.25	1.33
					Lpm	0	30	35	40	45	50	55	60	65	70	75	80
					Lph	0	1800	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800
P3S212B	0.75	1	12	32	HEAD IN METERS	57	43	37	32	27	24	17	13				
P3S215B	0.75	1	15	25		68	55	49	43	36	29	21	10				
P3S218C	1.1	1.5	18	32		80	75	71	67	62	58	53	45	39	32	23	12.5
P3S225C	1.1	1.5	25	25		108	92	94	89	82	75	67	59	48	40	28	13.5

4” (100MM) SUBMERSIBLE PUMPSETS - ECONOMY SERIES SINGLE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS AT 220V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.17	0.42	0.58	0.75	0.92	1.00	1.17	1.33
					Lpm	0	10	25	35	45	55	60	70	80
					Lph	0	600	1500	2100	2700	3300	3600	4200	4800
PG1A07	0.37	0.5	7	32	HEAD IN METERS	51	46	38	32	23	13	9		
PG1J10	0.55	0.75	10	32		73	67	55	46	42	37	35	28	23
PG2B07	0.75	1	7	40		47	45.5	43	40	36	32	30	24	20
PG2B08	0.75	1	8	32		54	52	50	46	42	37	35	28	23
PG2B10	0.75	1	10	32		71	69	66	63	56	48	43		
PG1B12	0.75	1	12	32		85	80	66	55	38	37	26		
PG1B15	0.75	1	15	32		109	102	80	69	48	30	18		
PG2C12	1.1	1.5	12	32		83	80	77	73	67	61	57	48	38
PG1C18	1.1	1.5	18	32		132	122	98	77	53	27	14		
PG1C20	1.1	1.5	20	32		140	130	108	89	67	44	31		
PG1D24	1.5	2	24	32		180	169	143	124	97	66	48	21	

SINGLE / THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS - GOLDEN SERIES AT 220V/415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.17	0.42	0.58	0.75	0.92	1.00	1.17	1.33
					Lpm	0	10	25	35	45	55	60	70	80
					Lph	0	600	1500	2100	2700	3300	3600	4200	4800
PGA07	0.37	0.5	7	32	HEAD IN METERS	53	48	40	33	25	15	11		
PGJ10	0.55	0.75	10	32		75	69	58	48	36	22	15		
PGB08	0.75	1	8	32		56	54	52	48	44	40	37	31	25
PGB12	0.75	1	12	32		87	82	68	56	40	23	14		
PGB15	0.75	1	15	32		110	103	86	71	50	32	21	5	
PGC12	1.1	1.5	12	32		87	84	80	76	70	63	59	50	40
PGC15	1.1	1.5	15	32		110	108	102	93	86	76	72	59	45
PGC18	1.1	1.5	18	32		135	125	102	81	56	30	17		
PGC24	1.1	1.5	24	32		177	167	137	112	82	40	30		
PGD18	1.5	2	18	32		135	131	121.5	114	106	92	85	70	56
PGD20	1.5	2	20	32		142	138	128	120	112	102	91	76	63
PGD27	1.5	2	27	32		194	176	141	109	74	37	23		
PGD30	1.5	2	30	32		217	199	154	123	84	35	16		



SINGLE / THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS - GOLDEN SERIES AT 220V/415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.17	0.42	0.58	0.75	0.92	1.00	1.17	1.33
					Lpm	0	10	25	35	45	55	60	70	80
					Lph	0	600	1500	2100	2700	3300	3600	4200	4800
PGD33	1.5	2	33	32	HEAD IN METERS	241	227	186	149	104	55	36		
PGG25	2.2	3	25	32		177	173	160	152	138	122	112	95	74
PGG30	2.2	3	30	32		217	212	198	184	163	137	123	98	70
PGG33	2.2	3	33	32		244	230	189	152	107	58	40		
PGG40	2.2	3	40	32		295	267	218	180	125	67	36		

THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS AT 415V (-15% TO +6%) 2850RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.17	0.42	0.58	0.75	0.92	1.00	1.17	1.33
					Lpm	0	10	25	35	45	55	60	70	80
					Lph	0	600	1500	2100	2700	3300	3600	4200	4800
PGH25	3.7	5	25	32	HEAD IN METERS	185	181	172	162	148	135	128	106	85
PGH30	3.7	5	30	32		225	222	205	192	174	152	140	113	89
PGH35	3.7	5	35	32		257	251	233	217	195.5	166	153	122	94
PGH40	3.7	5	40	32		295	281	260	245	225	200	178	141	110

THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS AT 415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40
					Lpm	0	30	36	42	48	54	60	72	84
					Lph	0	1800	2160	2520	2880	3240	3600	4320	5040
PGE40	3	4	40	32	HEAD IN METERS	240	212	206	199	192	185	176	156	131
PGH50	3.7	5	50	32		300	265	258	248	240	230	220	195	164
PGI60	4.5	6	60	32		360	318	309	298	288	278	260	234	196
PGK75	5.5	7.5	75	32		450	398	380	365	346	330	310	270	220

SINGLE / THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS MEDIUM DISCHARGE PUMPS AT 220V/415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	0.67	0.75	0.83	1.00	1.08	1.17	1.26	1.33
					Lpm	0	40	45	50	60	65	70	75.33	80
					Lph	0	2400	2700	3000	3600	3900	4200	4520	4800
PGG422	2.2	3	22	32	HEAD IN METERS	106	100	95	90	80	73	65	57	50
PGG425	2.2	3	25	32		136	130	122	116	100	92	84	76	68
PGG430	2.2	3	30	32		146	140	135	130	116	108	100	90	82

SINGLE / THREE PHASE RADIAL FLOW SUBMERSIBLE PUMPSETS FOR 4” BOREWELLS HIGH DISCHARGE PUMPS AT 220V/415V (-15% TO +6%) 2850 RPM, 50 HZ AC POWER SUPPLY														
MODEL	kW	HP	Pump Stage	Del. in mm	CAPACITY									
					Lps	0	1.20	1.38	1.40	1.60	1.80	2.10	2.30	2.50
					Lpm	0	72	83	84	96	108	126	138	150
					Lph	0	4320	4980	5040	5760	6480	7560	8280	9000
PGC707	1.1	1.5	7	40	HEAD IN METERS	45.5	36	35.5	35	33.5	30	26	23	18
PGD710	1.5	2	10	40		65	58	54	50	48	46	42	36	28
PGG715	2.2	3	15	40		97	85	76	70	65	60	55	50	40
PGG717	2.2	3	17	40		110	100	88	82	75	70	64	60	50