



GOLDEN SERIES (250V to 380V), 2850 RPM, 50Hz, A.C. Power supply																	
MODEL	K.W	HP	STAGE	DEL	CAPACITY										FL Current (A)		
					Lps	0	3.0	4.0	5.0	6.0	7.0	7.3	8.0	9.0		10.0	
					Lpm	0	180	240	300	360	420	440	480	540		600	
					in mm	Lph	0	10800	14400	18000	21600	25200	26400	28800	32400	36000	
PS6M050/5G	3.7	5.0	5	65			49.0	42.0	40.0	37.9	34.0	31.6	30.0	27.7	23.3	18.3	11.85
PS6M060/6G	4.5	6.0	6	65			58.8	51.0	48.5	45.5	41.5	38.0	35.7	33.3	27.8	21.9	14.2
PS6M075/8G	5.5	7.5	8	65			78.4	68.0	64.7	60.6	55.5	50.6	47.6	44.3	37.0	29.2	17.1
PS6M100/10G	7.5	10	10	65			98.0	85.0	80.8	75.8	68.5	63.3	56.5	55.4	46.5	36.5	23.0
PS6M125/12G	9.3	12.5	12	65			118.0	102.0	97.0	90.9	83.0	75.8	71.4	66.4	55.7	43.8	29.6
PS6M150/15G	11.3	15	15	65			147.0	128.0	120.0	114.0	104.5	94.8	89.2	83.0	69.8	54.8	34.0
PS6M200/20G	15	20	20	65			196.0	170.0	162.0	152.0	140.0	127.0	119.0	110.0	93.0	73.0	46.2
PS6M050/4G	3.7	5.0	4	65			40.0	36.0	35.0	33.2	31.2	29.2	28.5	26.7	23.9	20.6	11.5
PS6M060/5G	4.5	6.0	5	65			50.0	44.0	43.7	41.6	39.2	36.5	34.9	33.4	29.8	25.7	13.0
PS6M075/6G	5.5	7.5	6	65			60.0	54.0	52.5	49.9	47.0	43.8	41.5	40.1	35.8	30.9	15.5
PS6M100/8G	7.5	10	8	65			80.0	71.0	70.0	66.5	62.7	58.4	55.9	53.4	47.7	41.0	23.5
PS6M125/10G	9.3	12.5	10	65			100.0	90.0	87.5	83.1	78.4	73.0	69.1	66.8	59.6	51.4	29.6
PS6M150/12G	11.3	15	12	65			120.0	108.0	105.0	100.0	94.0	87.6	83.5	80.1	71.6	61.7	34.0
PS6M200/16G	15	20	16	65			160.0	145.0	140.0	133.0	125.0	117.0	112.0	107.0	95.0	82.0	46.2

PREMIUM SERIES (180V to 400V), 2850 RPM, 50 Hz, A.C. Power supply																	
MODEL	K.W	HP	STAGE	DEL	CAPACITY										FL Current (A)		
					Lps	0	3.0	4.0	5.0	6.0	7.0	7.3	8.0	9.0		10.0	
					Lpm	0	180	240	300	360	420	440	480	540		600	
					in mm	Lph	0	10800	14400	18000	21600	25200	26400	28800	32400	36000	
PS6M050/5P	3.7	5.0	5	65			51.0	43.7	41.1	38.2	35.8	31.2	29.0	26.8	21.7	16.1	11.85
PS6M060/6P	4.5	6.0	6	65			61.2	52.4	49.3	45.9	42.6	37.4	34.8	32.0	26.1	19.3	14.2
PS6M075/7P	5.5	7.5	7	65			71.4	61.2	57.5	53.5	49.0	43.6	40.7	37.5	30.4	22.6	17.1
PS6M075/8P	5.5	7.5	8	65			81.6	69.9	65.7	61.2	56.0	50.0	46.5	42.8	34.8	25.8	17.1
PS6M100/10P	7.5	10	10	65			102.0	87.4	82.2	76.5	70.0	62.0	60.0	53.5	43.4	32.2	23.0
PS6M125/12P	9.3	12.5	12	65			122.0	105.0	98.6	91.8	84.0	74.8	69.7	64.2	52.1	38.7	29.6
PS6M150/15P	11.3	15	15	65			153.0	131.0	123.0	115.0	105.0	93.5	89.0	80.3	65.2	48.4	34.0

MODEL	K.W	HP	STAGE	DEL	CAPACITY										FL Current (A)		
					Lps	0	4.0	5.0	6.0	7.0	7.3	8.0	9.0	10.0		11.0	
					Lpm	0	240	300	360	420	440	480	540	600		660	
					in mm	Lph	0	14400	18000	21600	25200	26400	28800	32400	36000	39600	
PS6M050/4P	3.7	5.0	4	65			41.0	35.4	33.6	31.6	29.3	27.0	26.0	24.0	19.9	15.7	11.85
PS6M060/5P	4.5	6.0	5	65			51.3	44.3	42.2	39.5	36.6	34.0	32.0	29.4	24.9	19.6	14.2
PS6M075/6P	5.5	7.5	6	65			61.5	53.1	50.4	47.4	43.9	41.0	39.0	35.0	30.0	24.0	17.1
PS6M100/8P	7.5	10	8	65			82.0	70.8	67.2	63.2	58.6	54	52.0	47.0	39.8	31.4	23.0
PS6M125/09P	9.3	12.5	9	65			92.3	79.7	75.6	71.1	65.0	60.0	58.0	52.0	44.8	35.3	29.6
PS6M125/10P	9.3	12.5	10	65			103.0	88.6	84.1	79.0	73.2	66.0	63.0	58.8	49.8	39.0	29.6
PS6M150/11P	11.3	15	11	65			113.0	97.4	92.5	86.9	80.0	74.0	70.0	64.0	54.0	43.0	34.0
PS6M150/12P	11.3	15	12	65			123.0	106.0	101.0	94.8	86.0	78.0	74.0	68.0	58.0	47.0	34.0

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

TECHNICAL DATA

Specifications	Radial Flow	Mixed Flow
Rating	3.0HP - 15.0HP (2.2kW - 11.0kW)	3.0HP - 20.0HP (2.2kW - 15.0 kW)
Head Range	13 - 279mts	8 - 238mts
Discharge	45 - 420LPM	240 - 1030LPM
Phase	3Ø	3Ø
Duty type	S1 (Continuous)	S1 (Continuous)
Speed	2850 rpm	2850 rpm
Cable	3 Core Flat	3 Core Flat
Connection	DOL / Star - Delta	DOL / Star - Delta
Temperature	< 35°C	< 35°C
pH	6.5 - 8.5	6.5 - 8.5
Specific gravity	1.004 Max	1.004 Max
Pumping Medium	Clean Water free from solids & fibre free, chemically and mechanically Non - aggressive	Clean Water free from solids & fibre free, chemically and mechanically Non - aggressive

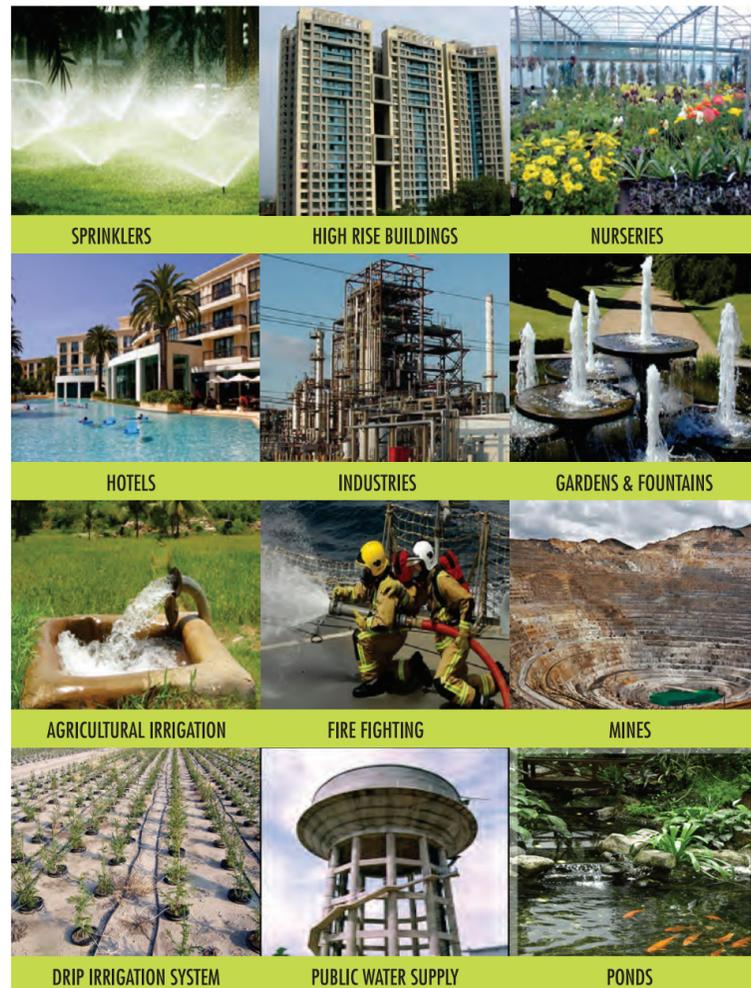
CONSTRUCTION FEATURES

Part Name	Radial Flow	Mixed Flow
Motor Body	Stainless Steel	Stainless Steel
Pump Casing	FG200 / SS304	FG200 / SS304
Impeller	SS410 / SS304	SS410 / SS304
Shaft	SS410 / SS420	SS410 / SS420
Thrust Bearing	SS / Carbon graphite	SS / Carbon graphite
Middle Bearing	Bronze / Carbon graphite	Bronze / Carbon graphite
Mounting Standard	NEMA	NEMA
Cooling Medium	Water	Water

SPECIAL FEATURES

- Designed for wide voltage fluctuations
- Silver brazed Copper Rotors
- Rewindable motor portion
- Easy maintenance
- High operating efficiency
- Dynamically Balanced Rotors & Impellers 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



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STANDARD SERIES at 380V (-15% to +6%), 2850 RPM, 50Hz, A.C. Power supply																							
MODEL	K.W	HP	STAGE	DEL	CAPACITY										FL Current (A)								
					Lps	0	0.75	1.0	1.5	2.0	2.5	3.0	3.5	4.0		4.5	5.0						
					Lpm	0	45	60	90	120	150	180	210	240		270	300						
					in mm	Lph	0	2700	3600	5400	7200	9000	10800	12600		14400	16200	18000					
PS6RO30/08	2.2	3	8	40	76.8	72	69.6	64.3	60	47													7.00
PS6RO30/09	2.2	3	9	40	86.4	81	78	74	68	55													7.00
PS6RO50/15	3.75	5	15	40	144	135	131	121	113	88.2													10.90
PS6RO60/18	4.5	6	18	40	173	162	157	145	135	120													13.00
PS6RO75/20	5.5	7.5	20	40	192	180	174	161	140	118													15.50
PS6R100/30	7.5	10	30	40	288	270	265	250	225	170													15.50
PS6RO30/03	2.2	3	3	50	30	29.6	29.4	29.3	29.2	29.1	29	28	27	26	25	7.00							
PS6RO30/04	2.2	3	4	50	39	38.4	38.3	38.2	38.1	38	37	35	34	33	30	7.00							
PS6RO30/05	2.2	3	5	50	45	42.5	42.3	42.1	42	38	34	30	29	28	27	7.00							
PS6RO30/06	2.2	3	6	50	55	53.4	53.2	53	50	46	40	35	33	32		7.00							
PS6RO50/05	3.75	5	5	50	49	48.2	48	47.8	47.6	47.4	47.2	47	46	45	44	10.90							
PS6RO50/06	3.75	5	6	50	63	58.8	58.6	58.4	58.2	58	55	53	49	46	37	10.90							
PS6RO50/08	3.75	5	8	50	87	77.6	77.4	77.2	77	74	70	64	59	54	37	10.90							
PS6RO50/10	3.75	5	10	50	105	94	93.2	93	91	88	77	64	62	60		10.90							
PS6RO50/12	3.75	5	12	50	120	110	108	104	100	90	63	48				10.90							
PS6RO60/06	4.5	6	6	50	66	61.2	60.8	60.6	60.4	60.2	60	59	57	55	50	13.10							
PS6RO60/08	4.5	6	8	50	85	78.6	78.4	78.2	78	77	73	71	65	60	53	13.10							
PS6RO60/10	4.5	6	10	50	105	96.5	96	95.5	95	90	83	73	64	43	34	13.10							
PS6RO60/12	4.5	6	12	50	124	115	114.5	114	112	110	94	73	50	45		13.10							
PS6RO60/15	4.5	6	15	50	154	142	139	135	120	100	81	62				13.10							
PS6RO75/08	5.5	7.5	8	50	88	88	87.5	87	84	82	81	76	75	74	72	15.80							
PS6RO75/10	5.5	7.5	10	50	107	105	104	103	100	96	94	90	83	70	55	15.80							
PS6RO75/12	5.5	7.5	12	50	127	122	120	118	114	112	109	98	86	75	54	15.80							
PS6RO75/15	5.5	7.5	15	50	158	148	144	142	139	131	114	87	72	63		15.80							
PS6RO75/24	5.5	7.5	24	50	242	226	218	196	162	140						15.80							
PS6R100/10	7.5	10	10	50	110	106	105	104	103	102	101	100	99	98	93	21.2							
PS6R100/12	7.5	10	12	50	128	117	116.5	116	115.5	115	113	110	106	98	85	21.2							
PS6R100/16	7.5	10	16	50	168	156	152	151.5	151	149	147	135	118	95	70	21.2							
PS6R100/20	7.5	10	20	50	207	194	190	186	183	180	162	133	102	72		21.2							
PS6R100/24	7.5	10	24	50	238	228	222	205	170	140	125					21.2							
PS6R125/25	9.3	12.5	25	50	258	240	234	225	210	195	180	160	130	100		27.3							
PS6R150/30	11.3	15	30	50	270	260	256	245	235	228	220	210	186	158	125	31.6							



GOLDEN SERIES at 250V to 380V, 2850 RPM, 50Hz, A.C. Power supply																						
MODEL	K.W	HP	STAGE	DEL	CAPACITY										FL Current (A)							
					Lps	0	0.75	1.0	1.5	2.0	2.5	3.0	3.5	4.0		4.5	5.0					
					Lpm	0	42	60	90	120	150	180	210	240		270	300					
					in mm	Lph	0	2520	3600	5400	7200	9000	10800	12600		14400	16200	18000				
PS6RO30/08 G	2.2	3	8	40	74.2	68.9	66	60	51.3	44.6	39.5					7.7						
PS6RO30/09 G	2.2	3	9	40	83.6	77.5	74.3	68	57.8	50.2	44.5					7.7						
PS6RO50/15 G	3.75	5	15	40	139	129	124	112.2	96.3	83.7	74					11.85						
PS6RO60/20 G	4.5	6	20	40	186	172	165	150	128	112	98.8					14.2						
PS6RO30/05 G	2.2	3	5	50	46.5	44	43.7	42	39.6	37.8	36.5	34.5	32.4	27.1		7.7						
PS6RO30/06 G	2.2	3	6	50	55.8	53	52.5	50.3	47.4	45.3	43.8	40.4	38.9	32.6		7.7						
PS6RO50/10 G	3.75	5	10	50	93	88	87.5	83.8	79.1	75.8	73	68.8	64.8	54.2		11.85						
PS6RO60/12 G	4.5	6	12	50	112	106	105	100	95	90.8	87.6	82.6	77.8	65		14.2						
PS6RO75/15 G	5.5	7.5	15	50	140	131	130	126	120	114	109	103	97.2	81.5		17.1						
PS6R100/20 G	7.5	10	20	50	186	177	175	168	158	150	145	140	130	109		23.1						
PS6R125/25 G	9.3	12.5	25	50	233	221	219	210	198	190	181	172	162	136		29.6						
PS6R150/30 G	11.3	15	30	50	279	265	263	252	238	227	219	206.8	195	163		34						
PS6RO30/04 G	2.2	3	4	50	39			35	34.8	33.5	31.9	29	27.5	24.7	21.4	7.7						
PS6RO30/05 G	2.2	3	5	50	50			47.1	45	41.9	36	32.1	25.3	16.4		7.7						
PS6RO50/06 G	3.75	5	6	50	58.5			53	52.2	50.1	47.8	44	41.3	37.1	32.2	11.85						

GOLDEN SERIES at 250V to 380V, 2850 RPM, 50Hz, A.C. Power supply																		
MODEL	K.W	HP	STAGE	DEL	CAPACITY													FL Current (A)
					Lps	0	0.75	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0		
					Lpm	0	42	60	90	120	150	180	210	240	270	300		
					in mm	Lph	0	2520	3600	5400	7200	9000	10800	12600	14400	16200	18000	
PS6RO50/08 G	3.75	5	8	50	80			75.4	72	67	60	51.4	40.5	26.2			11.85	
PS6RO60/08 G	4.5	6	8	50	78			71	69.6	66.9	63.8	58	55.1	49.3	43		11.85	
PS6RO60/10 G	4.5	6	10	50	100			94.2	90	83.8	76	64.2	50.6	32.8			14.2	
PS6RO75/10 G	5.5	7.5	10	50	98			88	87	83.7	80	74	68.9	62	53		17.1	
PS6RO75/12 G	5.5	7.5	12	50	120			113	108	101	90	77	60.7	39.4			17.1	
PS6R100/15 G	7.5	10	15	50	150			141	135	126	109	96.2	76	49			23.1	
PS6R100/16 G	7.5	10	16	50	160			151	144	134	112	103	81	52.5			23.1	
PS6R125/15 G	9.3	12.5	15	50	146			132	131	126	118	107	103	93	80.5		29.6	
PS6R125/20 G	9.3	12.5	20	50	200			188	180	168	150	128	101	65.5			29.6	
PS6R150/25 G	11.3	15	25	50	250			236	225	210	185	160	128	82			34	

PREMIUM SERIES at 180V to 400V, 2850 RPM, 50Hz, A.C. Power supply																		
MODEL	K.W	HP	STAGE	DEL	CAPACITY													FL Current (A)
					Lps	0	0.7	1.0	1.4	1.8	2.0	2.1	2.7	3.0	3.5	4.0	4.5	
					Lpm	0	42	60	84	108	120	127	162	180	210	240	270	
					in mm	Lph	0	2520	3600	5040	6500	7200	7600	9700	10800	12600	14400	
PS6RO50/15 P	3.75	5	15	40	140	135	130	120	87.2	68.7	55						11.85	
PS6RO50/05 P	3.75	5	5	50	52	46.3	46.2	46.1	46	45.9	45.7	45.5	44.5	42.7	40.3	37.5	11.85	
PS6RO50/06 P	3.75	5	6	50	62	58.4	58.2	58	57.5	56	55	53.6	51	45	37.4		11.85	
PS6RO50/07 P	3.75	5	7	50	72.3	67.6	67.4	67.2	67	65.4	64	62.5	59.5	52.5	43.6		11.85	
PS6RO50/08 P	3.75	5	8	50	82.7	77.2	77	76.8	76.6	74.8	73.3	71.5	67.9	60	49.8		11.85	
PS6RO50/10 P	3.75	5	10	50	97	92	91.8	86.3	77.1								11.85	
PS6RO60/06 P	4.5	6	6	50	62	55.8	55.6	55.4	55.2	55	54.8	54.6	54	51	48	45	14.20	
PS6RO60/10 P	4.5	6	10	50	105	91												