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Sparco[®]

SINCE -1990

Regenerative
self **Priming**
ump



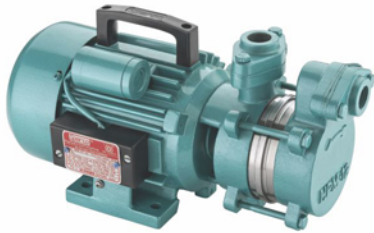
IS : 8472:1998

CM/L-760009112

AN ISO
9001 : 2015
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■ Performance chart for Regenerative self priming monoblock pump set ■



MODEL : HPM-12

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-12	0.37	0.5	2800	12.500	15 X 15	7	1950	1775	1575	1325	1050	675	-	-	-



MODEL : HPM-13

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-13	0.37	0.5	2800	10.000	15 X 15	7	1950	1775	1575	1325	1050	675	-	-	-



MODEL : HPM-14

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-14	0.55	0.75	2800	16.000	25 X 25	7	2950	2750	2500	2225	1875	1475	1025	475	-



MODEL : HPM-15

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-15	0.55	0.75	2800	13.000	25 X 25	7	2950	2750	2500	2225	1875	1475	1025	475	-

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MODEL : HPM-16

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-16	0.55	0.75	2800	15.000	25 X 25	7	2550	2375	2175	1925	1625	1275	875	300	-



MODEL : HPM-17

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-17	0.55	0.75	2800	12.500	25 X 25	7	2550	2375	2175	1925	1625	1275	875	300	-



MODEL : HPM-18

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-18	0.75	1	2800	18.500	25 X 25	8	3450	3225	3050	2825	2550	2200	1625	900	200



MODEL : HPM-19

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-19	0.75	1	2800	16.500	25 X 25	8	3450	3225	3050	2825	2550	2200	1625	900	200

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MODEL : HPM-20

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-20	0.75	1	1440	26.700	25 X 25	8	4725	4225	3650	3125	2550	2000	1400	800	150



MODEL : HPM-22

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-22	0.37	0.5	1440	21.750	25 X 25	8	3575	2950	2350	1850	1200	500	-	-	-



MODEL : HPM-23

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-23	0.37	0.5	2800	7.500	25 X 25	6	2350	1950	1600	1350	900	400	-	-	-



MODEL : HPM-24

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-24	0.37	0.5	2800	8.400	25 X 25	6	2350	1950	1600	1350	900	400	-	-	-

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MODEL : HPM-25

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-25	0.55	0.75	2800	10.100	25 X 25	7	2400	2100	1850	1600	1325	1025	525	-	-



MODEL : HPM-26

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-26	0.55	0.75	2800	13.100	25 X 25	7	2400	2100	1850	1600	1325	1025	525	-	-



MODEL : HPM-27

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-27	0.75	1	2800	9.500	25 X 25	7	3150	2700	2300	1800	1250	700	200	-	-



MODEL : HPM-28

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
	Discharge in LPH														
HPM-27	0.75	1	2800	11.750	25 X 25	7	3150	2700	2300	1800	1250	700	200	-	-

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■ Performance chart for Regenerative self priming monoblock pump set ■



MODEL : HPM-29

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
							Discharge in LPH								
HPM-29	0.37	0.5	2800	10.500	25 X 25	7	2575	2250	1950	1650	1325	875	425	-	-



MODEL : HPM-30

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
							Discharge in LPH								
HPM-30	0.37	0.5	2800	13.500	25 X 25	7	2575	2250	1950	1650	1325	875	425	-	-



MODEL : HPM-31

Model	Motor Rating		Speed in RPM	Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Suc. lift in Mt.	Total Head in Meters								
	KW	HP					5	10	15	20	25	30	35	40	45
							Discharge in LPH								
HPM-31	0.75	1	2800	13.900	25 X 25	7	3200	2975	2750	2500	2250	1875	1325	600	-

SALIENT FEATURES :

- Wide range of pumps for appropriate selection as per requirement.
- Suitable in wide voltage variation with greater performance.
- Class 'B' insulation to resist in case of excessive heating.
- Winding is safe due to built in thermal overload protector.
- Stamping are used of high quality electric grade for better efficiency.
- High quality bearings are used for smooth running and long life.
- Anti corrosive stainless steel shaft for years of commissioning.
- Capacitor start and run motor having high electric grade aluminum pressure die casted rotor for trouble free operation.
- S. S. Housing with gun metal impeller to avoid clogging & increase durability.
- Better aesthetics with compact design.
- Enduring leakage proof operation due to mechanical seal having high quality carbon vs ceramic face.
- Low power consumption with respect to performance.
- Full proof design for minimum maintenance and consistency in performance.

APPLICATION :

- Used for water supply in residential bungalows, flats, hotels, garages, dairies and laundries.
- Gardening and curing at civil works.
- For water circulation in industries, fountains and solar heater systems.
- Used as suction booster in cities.
- Ornamental sprinklers.

NOTE :

- Three phase pumps are available on request.
- The performance value given in above chart are at rated voltage / 50 Hz frequency and proper installation of pump.
- The information given in above chart are subject to change without prior notice, due to constant improvement for quality.

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Single Phase Openwell Submersible pump set

* Performance chart for Single Phase openwell submersible pump set

Sr. No.	Motor Rating		Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Total Head in Meters												
	KW	HP			6	8	10	12	14	16	18	20	22	24	26	28	30
					Discharge in LPM												
1	0.37	0.5	12.000	25 X 25	150	142	132	120	105	90	65	20	-	-	-	-	-
2	0.75	1.0	18.500	25 X 25	245	225	205	190	175	160	145	130	105	80	55	30	-
3	1.1	1.5	25.300	40 X 40	260	250	235	220	200	185	170	155	140	120	90	50	-
4	1.5	2.0	29.200	50 X 50	600	575	550	520	485	445	410	375	335	290	240	190	75
5	2.2	3.0	32.750	65 X 50	695	660	625	590	555	515	475	435	390	340	280	215	90

Three Phase Openwell Submersible pump set

* Performance chart for Three Phase openwell submersible pump set



Sr. No.	Motor Rating		Total Wt. in Kg.	Pipe Size in mm Suc. x Del.	Total Head in Meters										
	KW	HP			4	8	12	16	20	24	28	32	36	40	
					Discharge in LPM										
1	2.2	3	45.800	65 X 65	800	685	575	500	350	175	-	-	-	-	-
2	3.7	5	49.700	65 X 65	-	1100	950	800	750	550	250	-	-	-	-
3	4.8	6.5	53.400	65 X 65	-	1250	1100	950	850	650	350	100	-	-	-
4	5.6	7.5	59.500	65 X 65	-	1400	1250	1100	1050	925	800	750	575	300	-

SALIENT FEATURES :

- ▲ Superior design & high quality material used in motor.
- ▲ Rotor shaft is graded from S. S. material.
- ▲ Graded copper used in motor & rotor.
- ▲ Grinded shaft.
- ▲ Dynamically rotor & impeller balance.
- ▲ Stainless steel body for longer life.
- ▲ Low power consumption.
- ▲ Cast iron impeller with high head as well as discharge.

APPLICATION :

- ▲ Farms and hotels.
- ▲ River and canal lift irrigation.
- ▲ Drip and sprinkler irrigation.
- ▲ Industrial purposes, hospitals, gardens.
- ▲ Domestic and village water supply schemes.

NOTE :

- ▲ The performance value given in above chart are at rated voltage / 50 Hz frequency and proper installation of pump.
- ▲ The information given in above chart are subject to change without prior notice, due to constant improvement for quality.

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Mfg. By
HI-POWER
MOTORS
RAJKOT (Guj.) INDIA.