



Quality, Reliability, Life

Submersible Motor Pumpset & Sand Fighter Pump



www.prakashpump.com

Applications

- Ground water supply to waterworks
- Irrigation in horticulture and agriculture
- Ground water lowering
- Pressure boosting
- Water treatment
- Civil and industrial application
- Fire fighting application

Performance Range

- Flow: Up to 24 m³/hr
- Head: up to 375m
- Speed: 2900 rpm
- Power: 0.75 to 5.5Kw, 50Hz

Application Limits

- Water temperature : up to 35°C
- Minimum internal diameter of well: 4" ø100mm.
- The solids in the water is less than 0.02% (heavy proportion)
- PH: 6.5-8.0

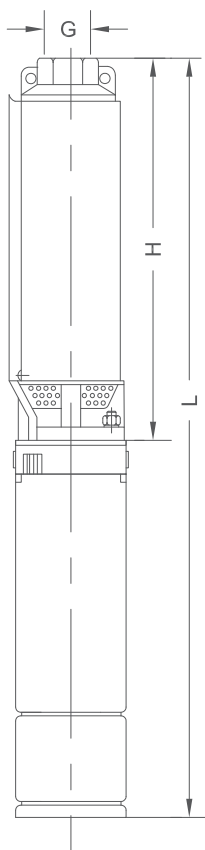
Motor Details

- 2 pole oil lubricated motor
- Insulation class-F
- Protection Class: IP68
- Single phase 230V $\pm$ 10%, 50Hz (up to 3HP)
- Three phase 400V $\pm$ 10%, 50Hz
- Speed 2900 rpm

Installation and use

- Pump sizes for connecting to motor according to NEMA standards.
- Delivery Casing with built-in non return valve for stop coming back water.
- Manufactured from corrosion resistant materials for long life impellers-PPO, diffuser -PC, and Delivery Casing are S.S.AISI-304.
- Specific impeller material selection ensures optimal performance in sandy bores.
- This type models feature independently floating centrifugal impellers to provide easy starting and long life-automatically adjusting to match pumping conditions for various application.
- High quality shaft bearings providing low friction and high wear resistance.
- Strong stainless steel drive shaft ensures positive impeller drive and longer life.
- Standard 2 pole speed motor (2900rpm) limits internal velocities for longer life.
- Heavy duty stainless steel Inner and outer shell providing protection and accurate alignment of internal components.

G.A Drawing



Submersible Motor Pumpset & Sand Fighter Pump

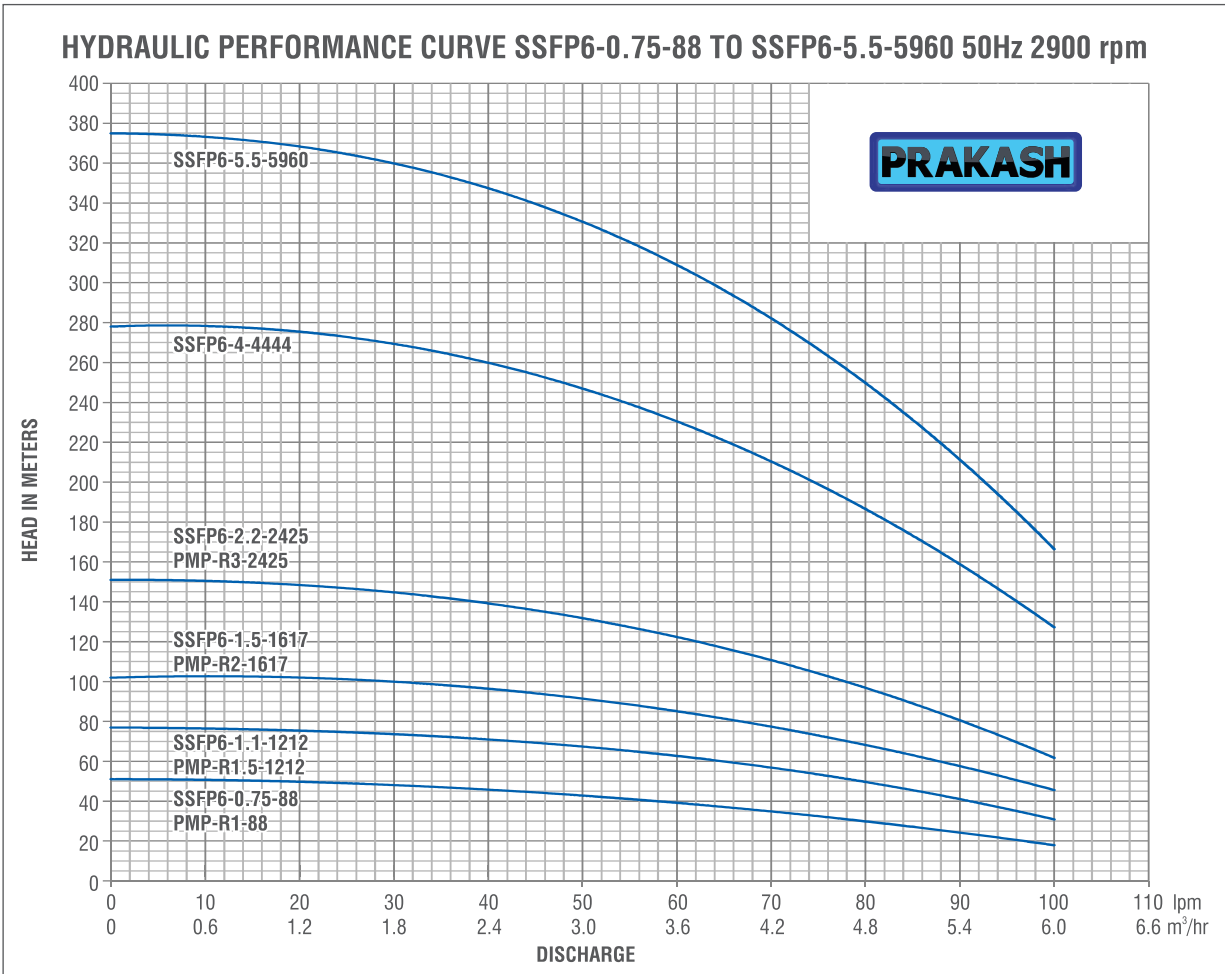


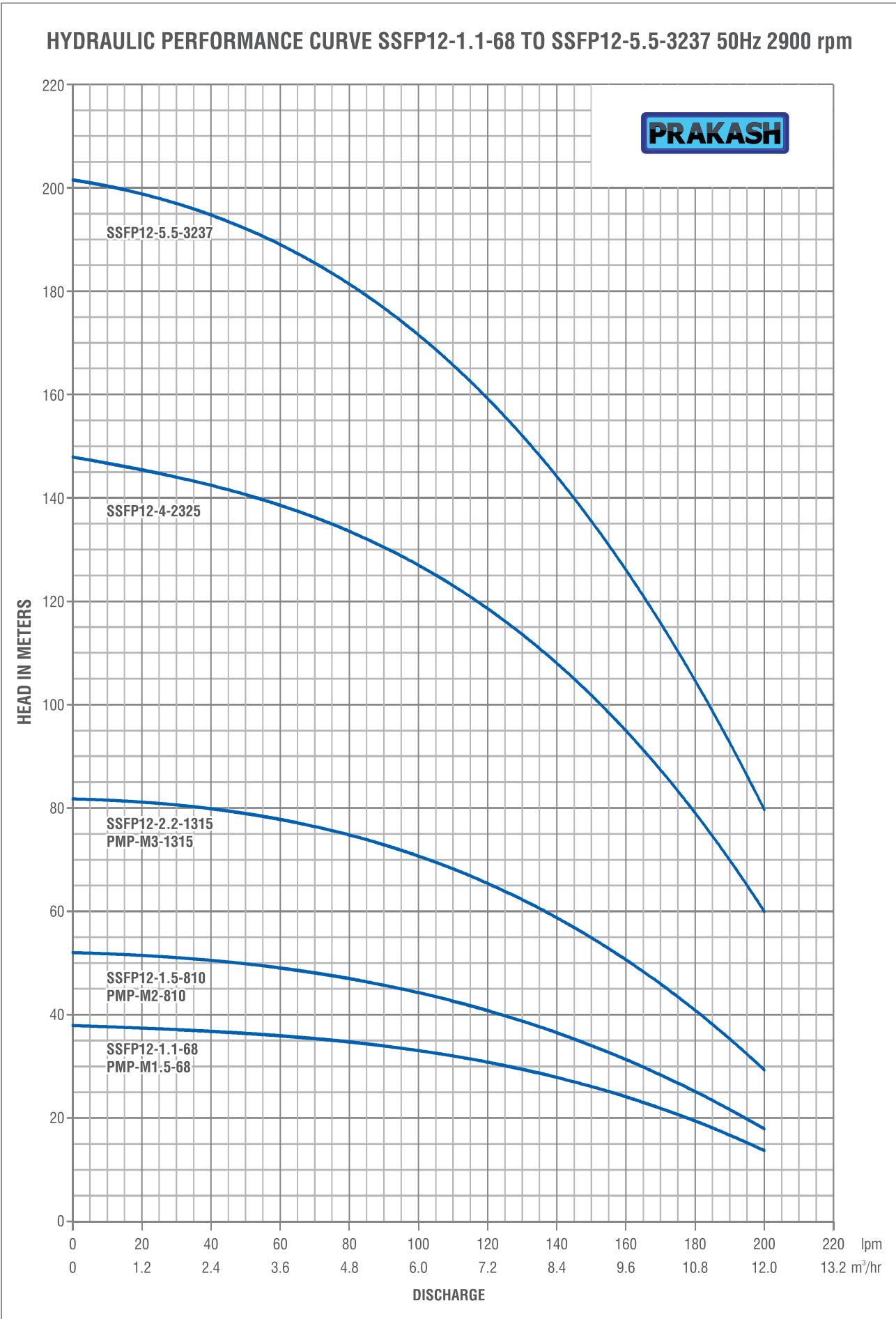
Pump performance table

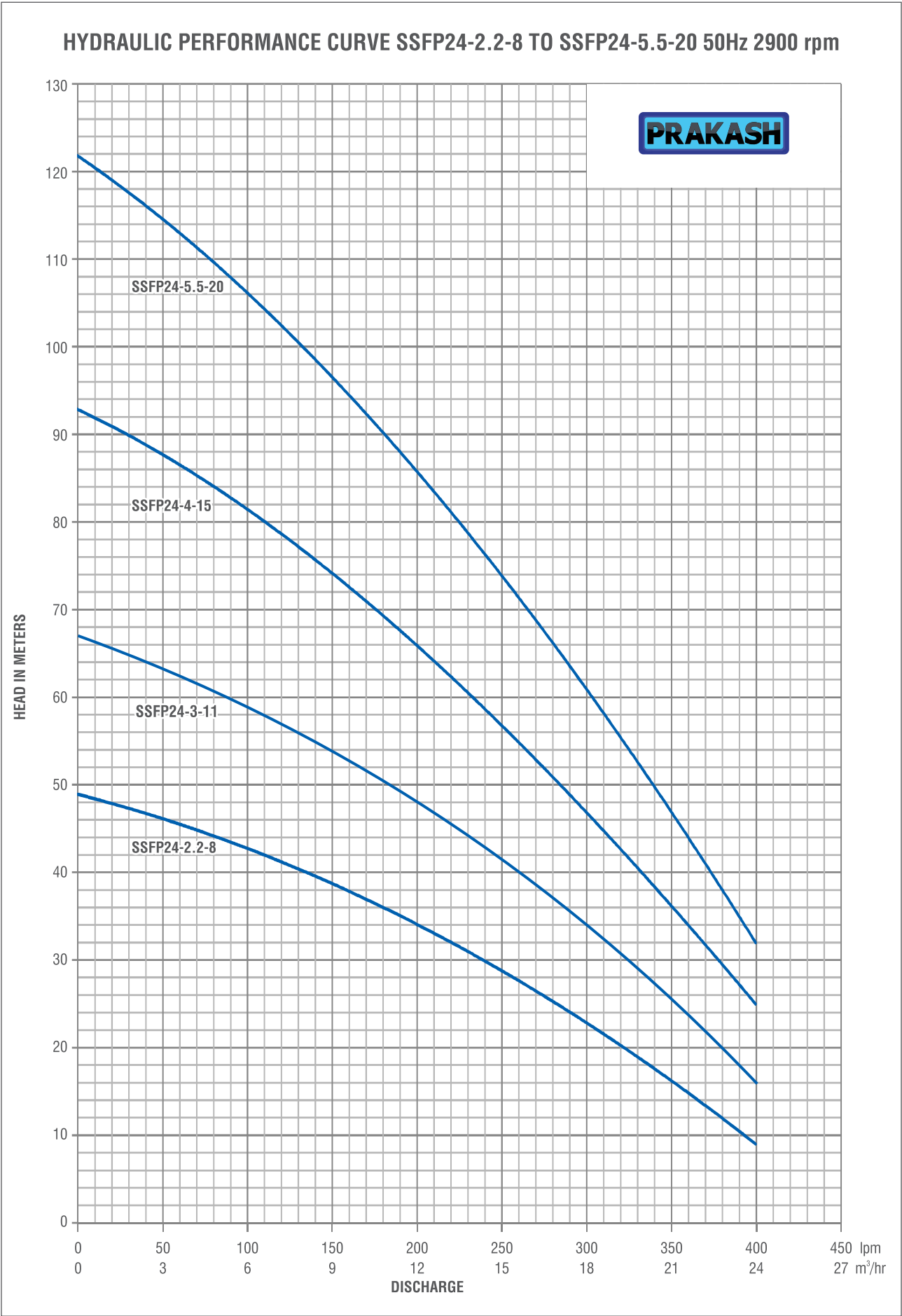
Pumpset Model	Bare Pump Model	Power		OUTLET (INCH)	Height		NET WEIGHT (Kg)		Q	US GPM	0	9	11	12	13	16	18	21	24	26
		KW	HP		H (mm)	L (mm)	H	L		M³/H	0	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0
										LPM	0	35	40	45	50	60	70	80	90	100
PMP-R1-88	SSFP6-0.75-88	0.75	1	1¼"	367	745	3.1	12.1	H Meters	51	47	46	44	43	39	35	30	24	18	
PMP-R1.5-1212	SSFP6-1.1-1212	1.1	1.5		467	909	4.0	15.0		77	72	71	69	68	63	57	49	41	31	
PMP-R2-1617	SSFP6-1.5-1617	1.5	2		567	1039	4.8	17.2		102	98	96	94	92	86	77	68	57	46	
PMP-R3-2425	SSFP6-2.2-2425	2.2	3	1½"	805	1322	6.7	21.5		151	142	139	136	132	122	111	97	80	62	
	SSFP6-4-4444	4.0	5.5		1305	1907	11.1	30.1		278	265	260	254	247	230	210	187	159	127	
	SSFP6-5.5-5960	5.5	7.5		1756	2502	14.7	42.0		375	354	347	340	330	310	282	250	210	167	

Pumpset Model	Bare Pump Model	Power		OUTLET (INCH)	Height		NET WEIGHT (Kg)		Q	US GPM	0	13	21	24	26	32	37	42	48	53
		KW	HP		H (mm)	L (mm)	H	L		M³/H	0	3.0	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12.0
										LPM	0	50	80	90	100	120	140	160	180	200
PMP-M1.5-68	SSFP12-1.1-68	1.1	1.5	2"	364	806	3.2	14.2	H Meters	38	36	35	34	33	31	28	24	19	14	
PMP-M2-810	SSFP12-1.5-810	1.5	2		426	898	3.7	16.1		52	50	47	45.5	44	41	37	31	25	18	
PMP-M3-1315	SSFP12-2.2-1315	2.2	3		581	1098	4.9	19.7		82	78	75	73	71	66	59	50	40	30	
	SSFP12-4-2325	4	5.5		929	1531	7.7	26.7		148	140	134	131	127	118	108	95	79	60	
	SSFP12-5.5-3237	5.5	7.5		1208	1954	10.3	37.6		202	190	182	178	172	160	143	125	105	80	

Bare Pump Model	Power		OUTLET (INCH)	Height		NET WEIGHT (Kg)		Q	US GPM	0	42	53	58	63	69	79	85	95	106
	KW	HP		H (mm)	L (mm)	H	L		M³/H	0	9.6	12.0	13.2	14.4	15.6	18.0	19.2	21.6	24.0
									LPM	0	160	200	220	240	260	300	320	360	400
SSFP24-2.2-8	2.2	3	2"	716	1195	5.3	21.4	H Meters	49	38	34	32	30	28	23	20	15	9	
SSFP24-3-11	3.0	4.0		880	1435	7.2	24.7		67	53	48	45	42	39	33	30	23	16	
SSFP24-4-15	4	5.5		1189	1753	8.8	29.6		93	73	66	62	59	55	47	43	34	25	
SSFP24-5.5-20	5.5	7.5		1565	2273	11.9	41.7		122	95	86	81	76	72	61	56	44	32	









Office in India

PRAKASH PUMP

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com

Distributor Office for Middle East

PRAKASH PUMP EST

P.O. Box: 20973 Industrial Area Al Ain (United Arab Emirates)
Tel.: +971 3 7222733 Mob.: +971 50 6731283 E-mail: sale@prakashpump.com

Distributor Office for Oman

GLOBAL EQUIPMENT MATERIAL CO. LLC

P.O. Box. 227, Postal Code: 320 Nakhal Road, Barka (Sultanate of Oman)
Tel.: +968 26883982 Mob.: +968 94584686 E-mail: oman@prakashpump.com

Distributor Office for Saudi Arabia

PRAKASH PUMP INDUSTRY

P.O. Box 14327, Bldg. 3616, Al Marwah 6447, Al Mishael Riyadh City, (Kingdoms of Saudi Arabia)
Sulay Exit 18. Mobile: +966 539811109 Email: saudi@prakashpump.com

Factory Address

PANJI ENGINEERING PVT LTD

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com



To get
Quotation by email



These images given are only for illustration purpose
for further details contact the sales team at
sale@prakashpump.com / oman@prakashpump.com
/ saudi@prakashpump.com



To get
Website

