



Quality, Reliability, Life

Openwell Monoset Pump



www.prakashpump.com

Applications

- Domestic water supply
- Hotels, Buildings, Apartments, Hospitals
- Small farms, Agriculture, Gardening
- Public water supply schemes
- Lift Irrigation Schemes
- Drip and Sprinkler Irrigation Schemes
- Booster application
- Circulation, Ornamental fountain installation and Air-conditioning plants
- Construction sites

Application limits

- liquid temperature between 0°C to 35°C
- Ambient temperature Up to 40°C
- Max. Working pressure 6.5 bar

Performance Range

- Power Rating : 2.2 kW to 7.5kW (3HP to 10.0 HP)
- Total head : Up to 65 meter
- Flow : Up to 96 m³/hr
- Liquid : Clean Water

Motor Details

- 2 Pole motor
- Speed : 2900 RPM
- Voltage : Single Phase 220-240v, 50Hz
: Three Phase 380-420v, 50Hz

Installation and use

PRAKASH Openwell Monoset Pumps Series are designed and manufactured for optimum efficiency to cater different needs of water handling. The pump range is suitable for a wide range of applications in Agricultural, Domestic, Commercial establishments. These pumps have dynamically balanced rotors and impellers to insure vibration free performance and enhance life. Uni-casing construction, Flat performance curves at high delivery rates, to prevent motor overloading even during prolonged use, Good Suction capacities at both low and high delivery rates, Suitable for horizontal mounting with top central discharge, Reduced numbers of parts with space saving innovative construction. Designed to prevent overloading and motor burning, Replaceable wearing parts and hence longer life, Easy maintenance and spares availability, More hygienic & potable for drinking water.

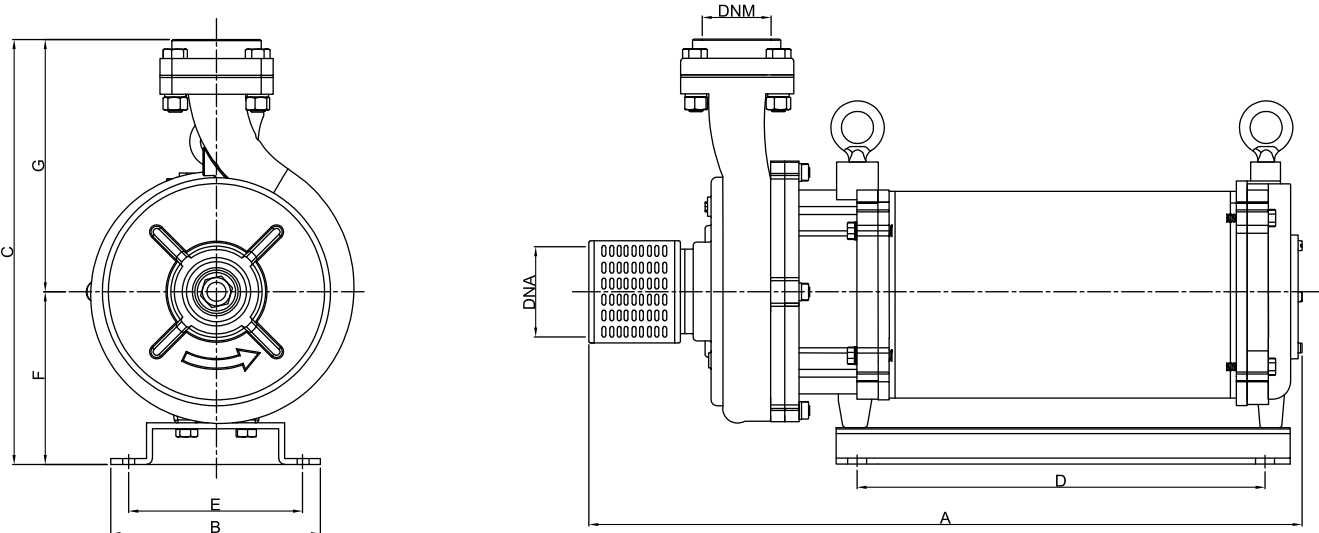
Pump selection chart

Model	Power		Phase	Inlet/ Outlet	Max. Flow (LPM)	Max. Head (m)
	kW	HP				
POM-03S	2.2	3	1 PHASE	2" x 2"	550	39
POM-03	2.2	3	3 PHASE	2" x 2"	550	39
POM-05 HH-50	3.7	5		2" x 2"	550	50
POM-05 LH-25	3.7	5		3" x 3"	1450	25
POM-07 HH-60	5.5	7.5		2.5" x 2"	800	63
POM-07 LH-36	5.5	7.5		3" x 3"	1450	36
POM-10 HH-65	7.5	10		2.5" x 2"	830	65
POM-10 LH-42	7.5	10		3" x 3"	1600	42

Pump Performance Chart

Model	Power		Q	US GPM	0	26.4	52.8	79.2	105.6	132	158.4	184.8	211.2	237.6	277.2	316.8	343.2	369.6	396	422.4
	kW	HP		m³/h	0	6	12	18	24	30	36	42	48	54	63	72	78	84	90	96
				lpm	0	100	200	300	400	500	600	700	800	900	1050	1200	1300	1400	1500	1600
POM-03S	2.2	3	H meter	39	35	32	27	24	10											
POM-03	2.2	3		39	35	32	27	24	10											
POM-05 HH-50	3.7	5		50	49	48	45	38	28											
POM-05 LH-25	3.7	5		25	24.5	24	23.5	23	22	21.5	21	20	18	16	14	11	10			
POM-07 HH-60	5.5	7.5		63	60	57	53	50	45	38	34	30								
POM-07 LH-36	5.5	7.5		36	35	34	33.5	33	32	31	30									
POM-10 HH-65	7.5	10		65	64	63	62	61	59	57	54	48	38	35						
POM-10 LH-42	7.5	10		42	41	40.5	40	39	38	37	36	34	33	30	27	25	23	21	16	

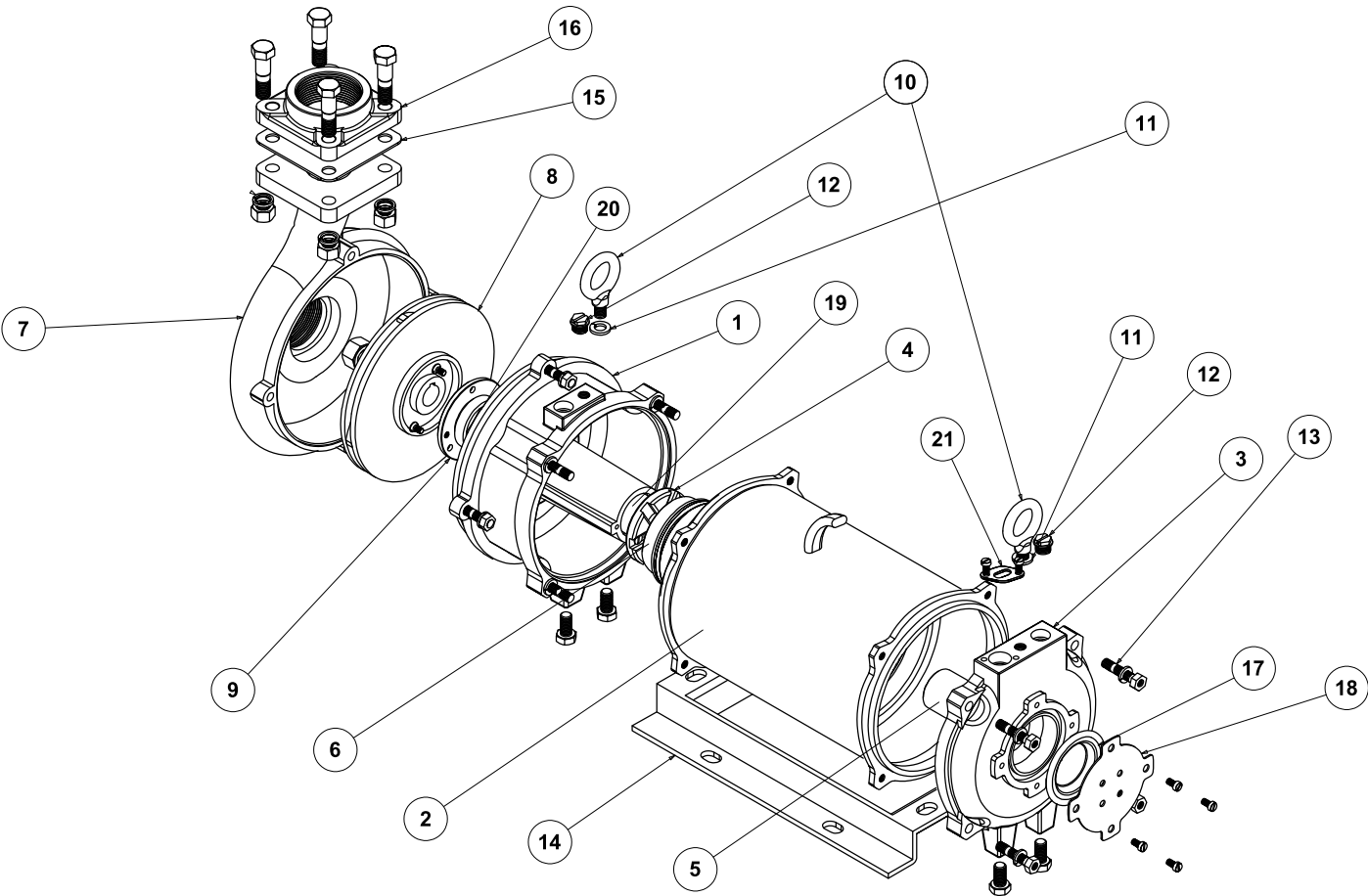
G.A. Drawing



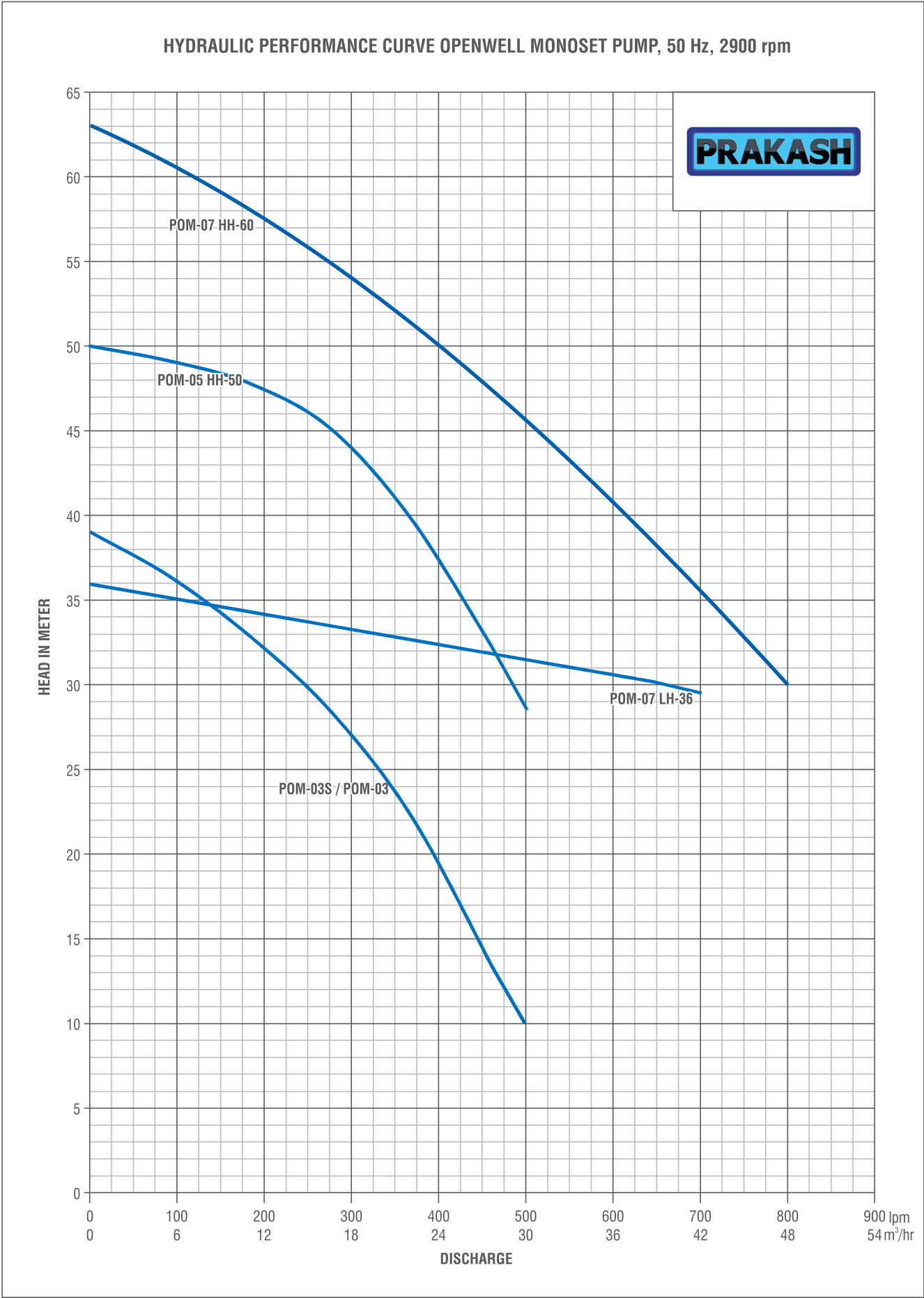
Dimensions

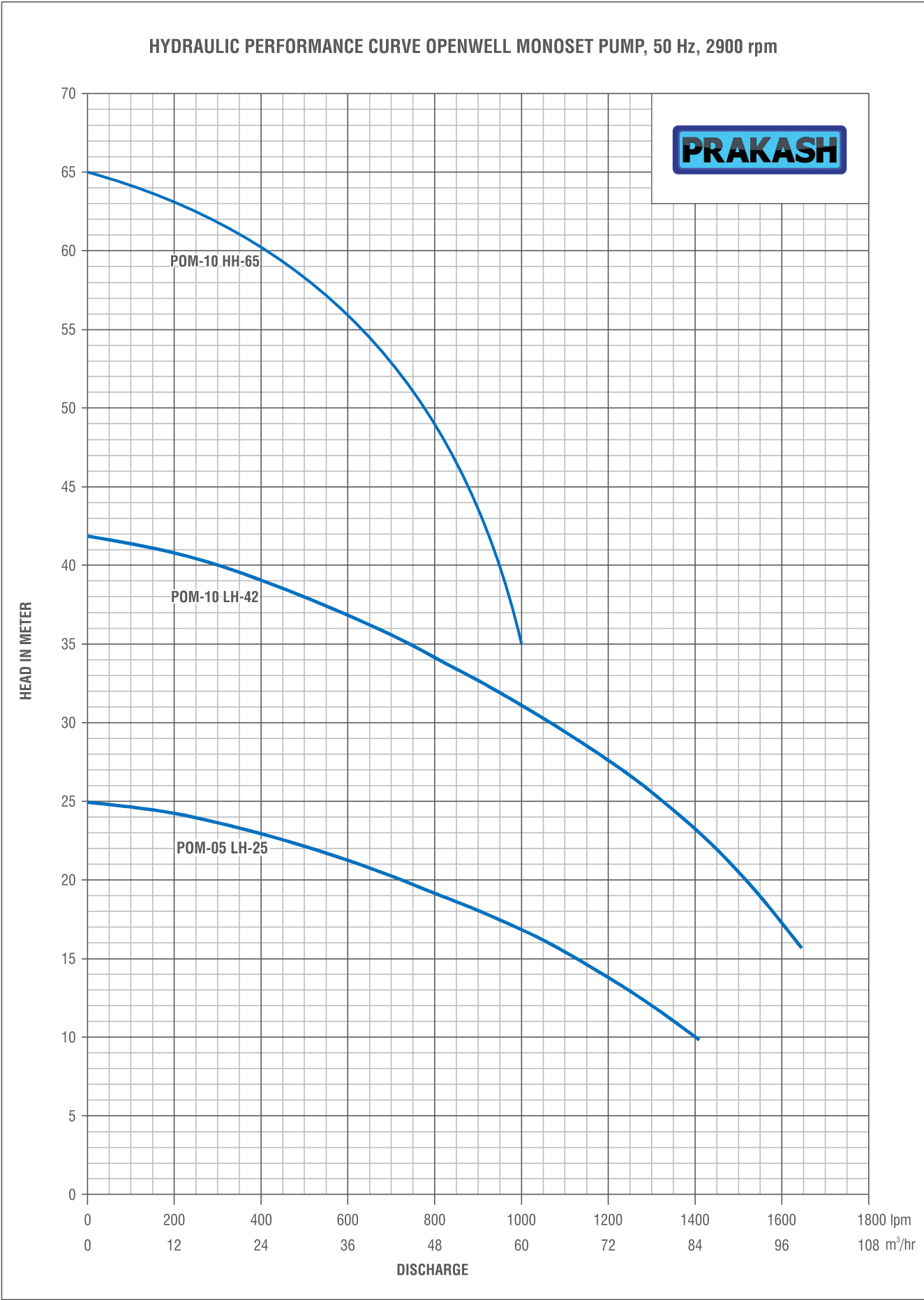
MODEL	FLANGE		DIMENSIONS IN MM						
	DNA	DNM	A	B	C	D	E	F	G
POM-03S	2"	2"	550	176	358	260	145	145	212
POM-03	2"	2"	550	176	358	260	145	145	212
POM-05 HH-50	2"	2"	566	176	357	260	145	145	212
POM-05 LH-24	3"	3"	566	176	357	260	145	145	212
POM-07 HH-60	2.5"	2"	620	176	380	260	145	155	225
POM-07 LH-36	3"	3"	620	176	380	260	145	155	225
POM-10 HH-65	2.5"	2"	685	176	395	260	145	155	240
POM-10 LH-42	3"	3"	685	176	395	260	145	155	240

Exploded View



ITEM NO.	PART NUMBER	MATERIAL
1	Front Housing	Cast Iron FG200
2	Stator	-
3	Rear housing	Cast Iron FG200
4	Thrust Counter	SS
5	Front Bearing Bush	LTB-4
6	Rotor	-
7	Delivery casing	Cast Iron FG200
8	Impeller R1	Cast Iron FG200
9	Seal cover	SS
10	Hanging Hook	Mild Steel
11	M10 Spring washer	Mild Steel
12	1/8" Drain plug	SS
13	M8 housing Stud	SS
14	Base Stand	Mild Steel
15	Flange Gasket	Nitrile Rubber
16	Flange	Cast Iron
17	Diaphragm	Nitrile Rubber
18	Pressure plate	SS
19	Rear Bearing Bush	LTB-4
20	Mechanical Seal	-
21	Cable Clip	SS







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Quotation by email



PRAKASHPUMPEST

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