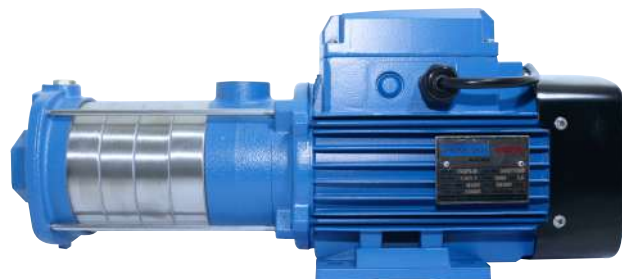




Quality, Reliability, Life

Horizontal Multistage Stainless Steel Pump 60Hz



www.prakashpump.com

Applications

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Application Limits

- Max. liquid temperature: up to 90°C
- Altitude: up to 1000 m
- Max. suction: 8 m
- Max. inlet pressure: limited by max. operating pressure
- Max. operating pressure: 10 bar
- Liquid PH value: 4-10

Performance Range

- Flow : up to 16 m³/hr
- Head : up to 85 m
- Speed : 3500 RPM
- Power : 1.1 kW to 2.2 kW

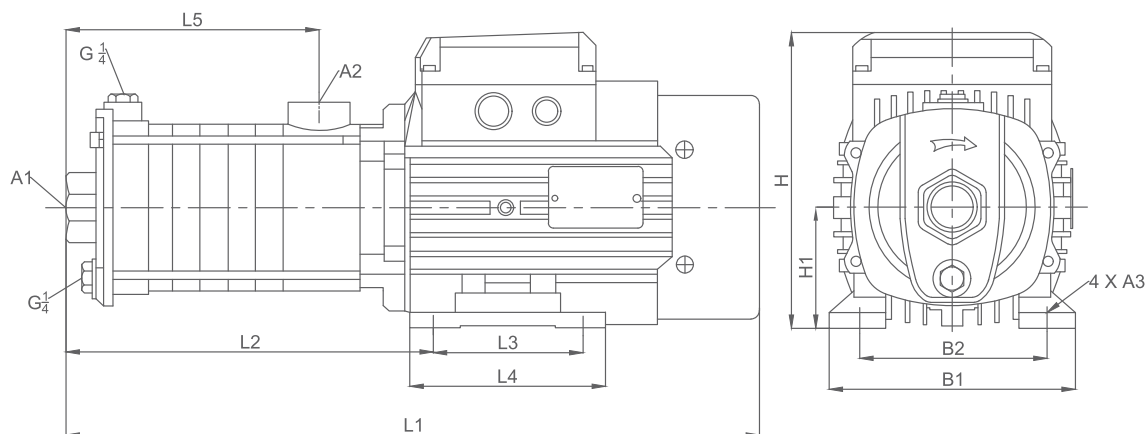
Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Voltage : Single Phase 220v-240v, 60Hz
Three phase 380v-420v, 60hz
- Thermal protection: in-built (only single phase)

Pump Selection Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	POWER		Voltage/ 60Hz	Rated Speed (RPM)	PHASE	INLET/ OUTLET	Max. Flow (LPM)	Max. Head (m)	Max. Suction (m)	GW (Kg)
		KW	HP								
PHMP2-60	PHMPSS2-60	1.1	1.5	220-240	3500	1 phase	1" x 1"	75	79	8	18.9

G.A. Drawing



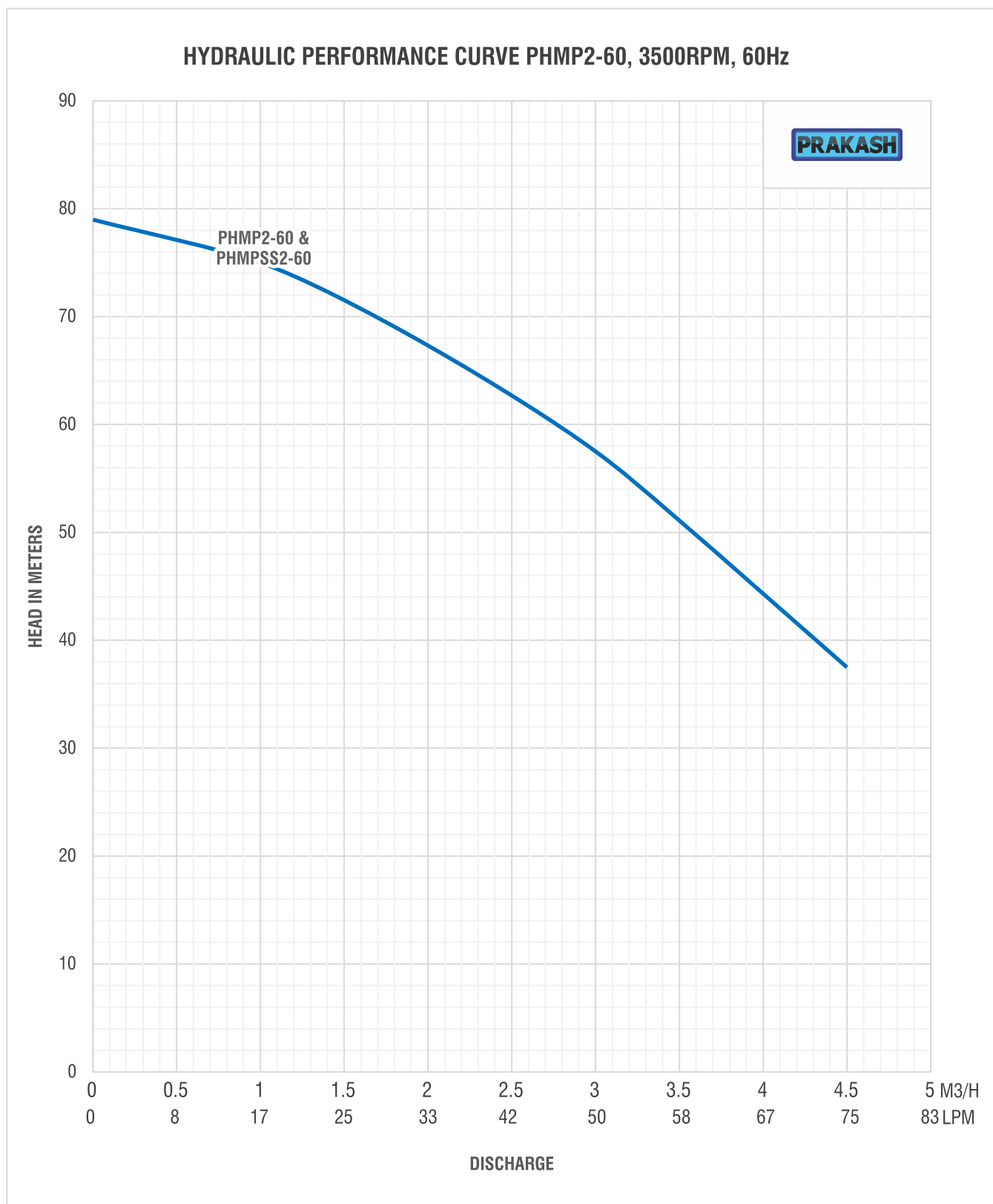
Pump Dimension

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	L1	L2	L3	L4	L5	B1	B2	H	H1	A1	A2	A3
PHMP2-60	PHMPSS2-60	465	247	100	130	130	165	125	197.5	80	G1"	G1"	ø10

Performance Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Q	US GPM	0	4.4	6.6	8.8	11.0	13.2	17.6	19.8
		KW	HP		M³/H	0	1	1.5	2	2.5	3	3.5	4.5
					LPM	0	17	26	33	41	50	60	75
PHMP2-60	PHMPSS2-60	1.1	1.5	Head (m)	79	75	71	66	62.5	57.5	51.1	37.5	

Pump Performance Curve



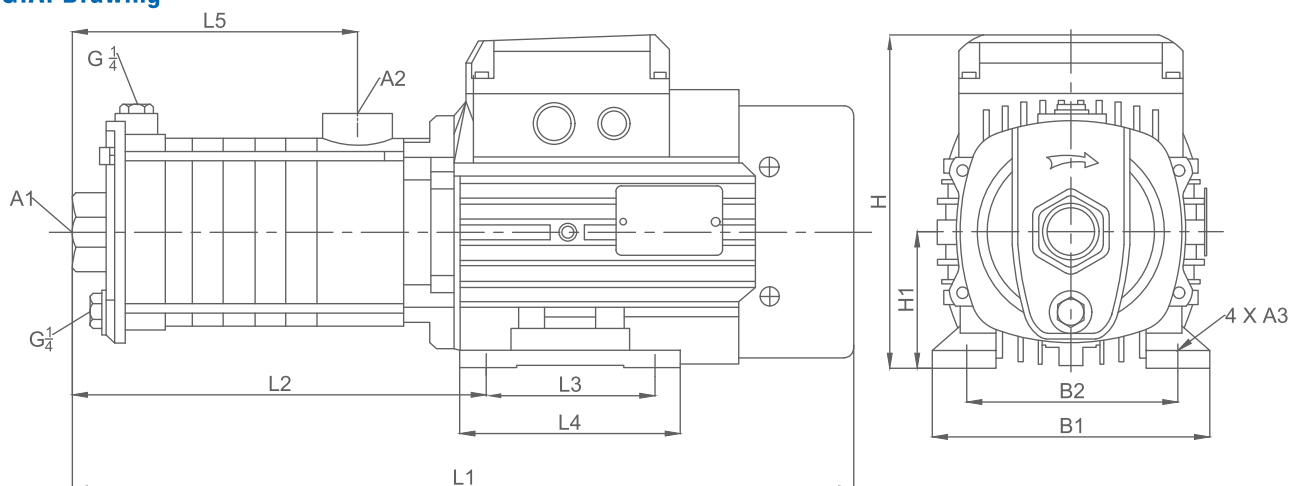
Horizontal Multistage Stainless Steel Pump 60Hz

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Pump Selection Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Voltage/ 60Hz	Rated Speed (RPM)	PHASE	INLET/ OUTLET	Max. Flow (LPM)	Max. Head (m)	Max. Suction (m)	GW (Kg)
		KW	HP								
PHMP4-60	PHMPSS4-60	2.2	3.0	220-240	3500	1 phase	1 1/4" x 1"	133	85	8	26.6

G.A. Drawing



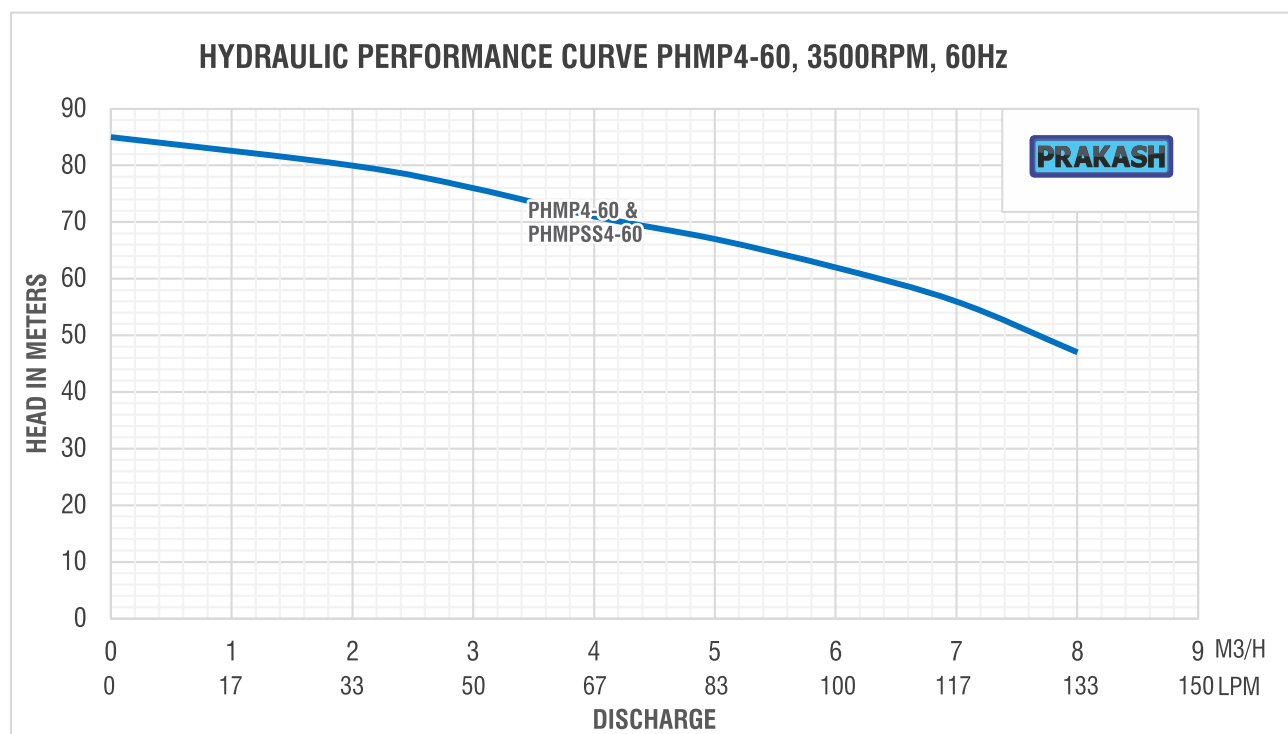
Pump Dimension

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	L1	L2	L3	L4	L5	B1	B2	H	H1	A1	A2	A3
PHMP4-60	PHMPSS4-60	573	285	125	150	218	180	140	217.5	90	G1 1/4"	G1"	ø10

Pump Performance Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	POWER		Q	US GPM	0	8.8	13.2	17.6	22	26.4	30.8	35.2
		KW	HP		M³/H	0	2	3	4	5	6	7	8
					LPM	0	33	50	67	83	100	117	133
					Head (m)	85	80	76	71	67	62	56	47

Pump Performance Curve



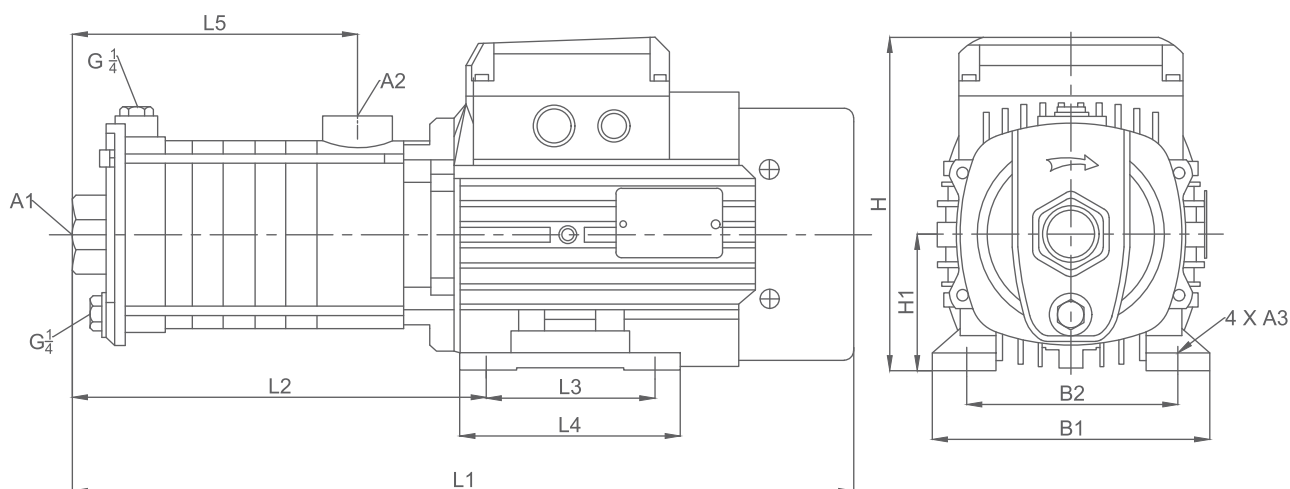
Horizontal Multistage Stainless Steel Pump 60Hz

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Pump Selection Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Voltage/ 60Hz	Rated Speed (RPM)	PHASE	INLET/ OUTLET	Max. Flow (LPM)	Max. Head (m)	Max. Suction (m)	GW (Kg)
		KW	HP								
PHMP10-20	PHMPSS10-20	1.1	1.5	220-240	3500	1 phase	1 1/2" x 1 1/4"	267	29	8	22.4
PHMP10-30 / T	PHMPSS10-30 / T	1.5	2.0	220/380	3500	1 & 3 phase	1 1/2" x 1 1/4"	267	43	8	27.1
PHMP10-40 / T	PHMPSS10-40 / T	2.2	3.0	220/380	3500	1 & 3 phase	1 1/2" x 1 1/4"	267	58	8	30.6

G.A. Drawing



Pump Dimension

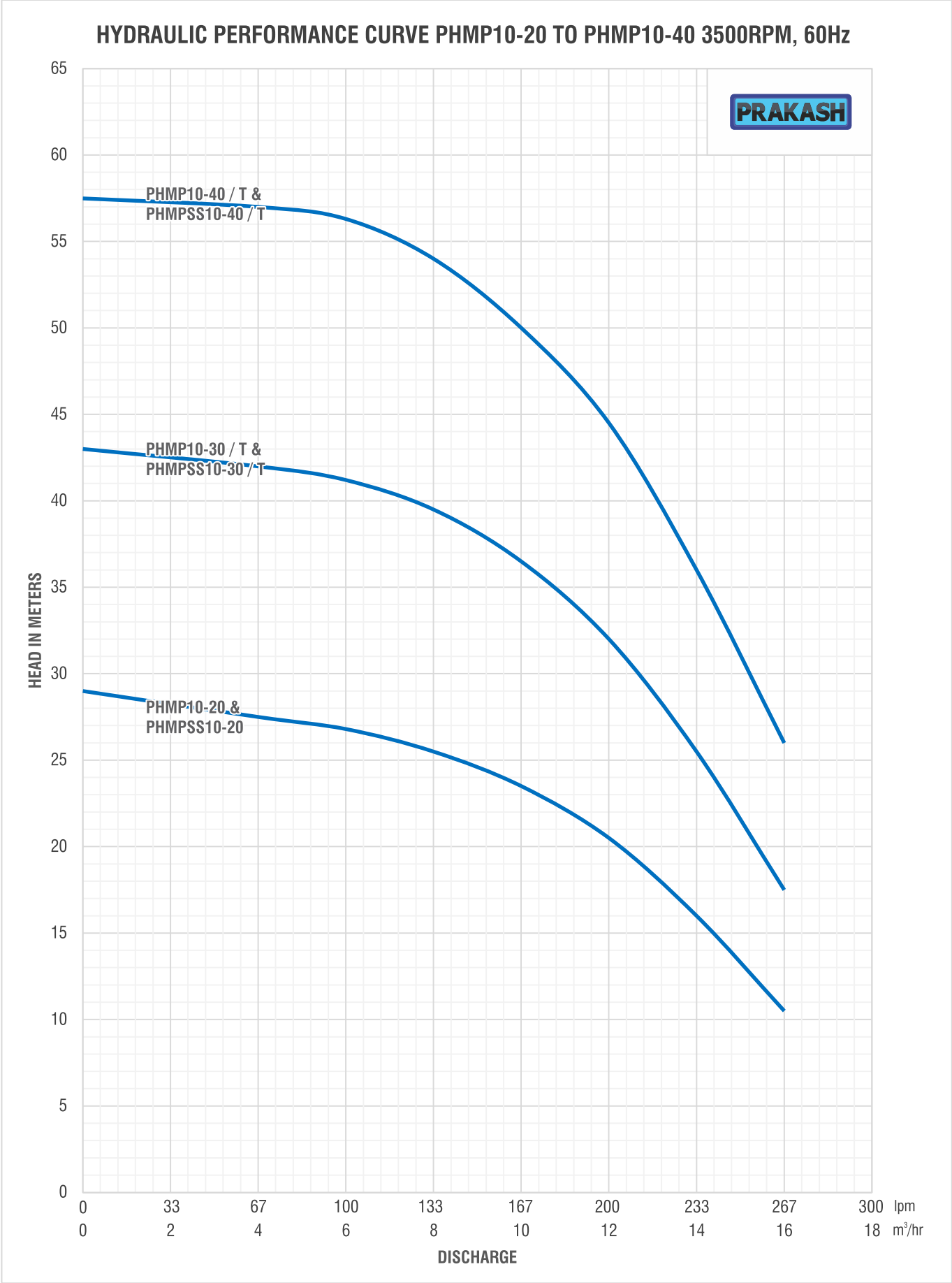
MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	L1	L2	L3	L4	L5	B1	B2	H	H1	A1	A2	A3
PHMP10-20	PHMPSS10-20	430	212.5	100	130	121.5	165	125	197.5	80	G1 1/2"	G1 1/4"	ø10
PHMP10-30 / T	PHMPSS10-30 / T	519	231	125	150	151.5	180	140	217.5	90	G1 1/2"	G1 1/4"	ø10
PHMP10-40 / T	PHMPSS10-40 / T	549.5	261.5	125	150	182	180	140	217.5	90	G1 1/2"	G1 1/4"	ø10

Pump Performance Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Q	US GPM	0	18	26	35	44	53	62	70
		KW	HP		M³/H	0	4	6	8	10	12	14	16
					LPM	0	67	100	133	167	200	233	267
PHMP10-20	PHMPSS10-20	1.1	1.5	Head (m)	29	27.5	27	25.5	23	20.5	16	10.5	
PHMP10-30/ T	PHMPSS10-30/ T	1.5	2.0	Head (m)	43	42	41.5	39.5	36	32	25.5	17.5	
PHMP10-40/ T	PHMPSS10-40 / T	2.2	3.0	Head (m)	58	57	56.5	54	50	44.5	36	26	



Pump Performance Curve



Horizontal Multistage Stainless Steel Pump 60Hz

PRAKASH

Applications

The PRAKASH PHMP Pump is a horizontal multistage pump which can be used for house water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system etc.

Application Limits

- Liquid temperature maximum: up to 90°C
- Altitude: ≤ 1000m
- Suction maximum: 8 m (self-Priming)
- Operation pressure maximum: 10 Bar
- Liquid PH Value: 6-8

Performance Range

- Flow: up to 90 LPM
- Head: up to 55 Meters
- Speed : 3500 RPM
- Power : 0.6kW to 1.1kW

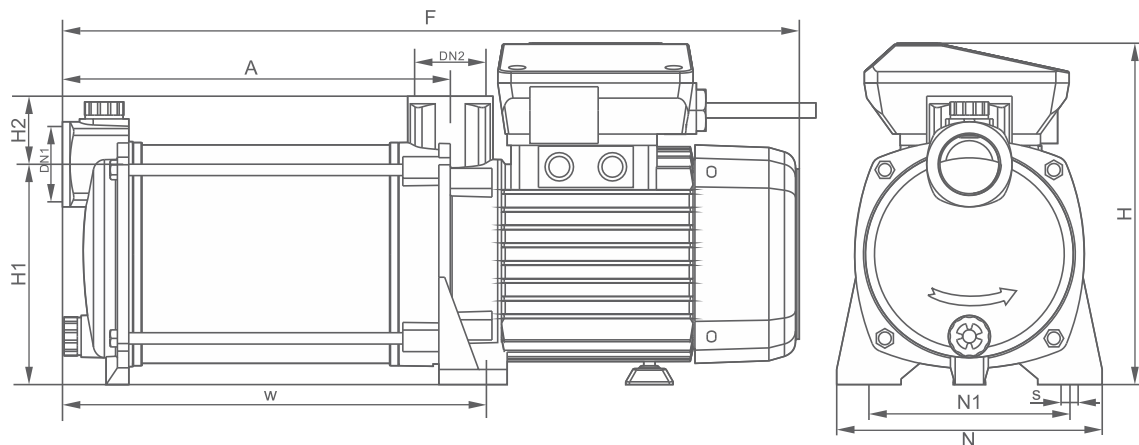
Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Voltage : Single Phase 220v-240v, 60Hz
- Thermal protection: in-built (only single phase)

Pump Selection Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Voltage/ 60Hz	Rated Speed (RPM)	PHASE	INLET/ OUTLET	Max. Flow (LPM)	Max. Head (m)	Max. Suction (m)
		KW	HP							
PHMP60-3	PHMPSS60-3	0.6	0.8	220-240	3500	1 phase	1" x 1"	60	30	8
PHMP60-4	PHMPSS60-4	0.75	1.0	220-240	3500	1 phase	1" x 1"	60	40	8

G.A. Drawing



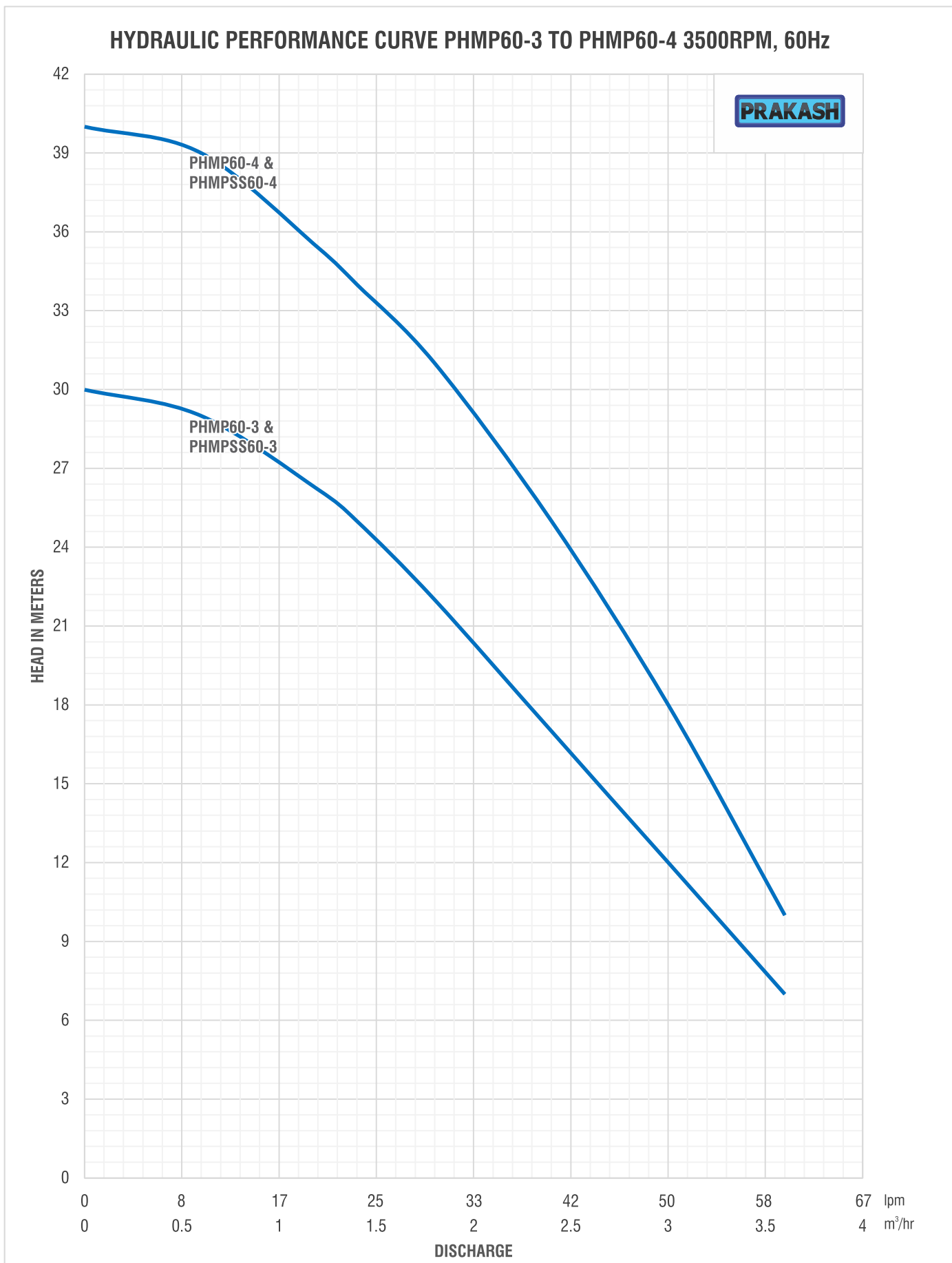
Pump Dimension Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	A	F	H	H1	H2	N	N1	W	S
PHMP60-3	PHMPSS60-3	158	349	180	116.5	36	140	110	176	10
PHMP60-4	PHMPSS60-4	180	371	180	116.5	36	140	110	198	10

Pump Performance Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Q	US GPM	0	2.6	5.3	7.9	10.6	13.2	15.9
		KW	HP		M³/H	0	0.6	1.2	1.8	2.4	3.0	3.6
					LPM	0	10	20	30	40	50	60
PHMP60-3	PHMPSS60-3	0.6	0.8	Head (m)	30	29	26	22	17	12	7	
PHMP60-4	PHMPSS60-4	0.75	1.0	Head (m)	40	39	35	31	25	18	10	

Pump Performance Curve



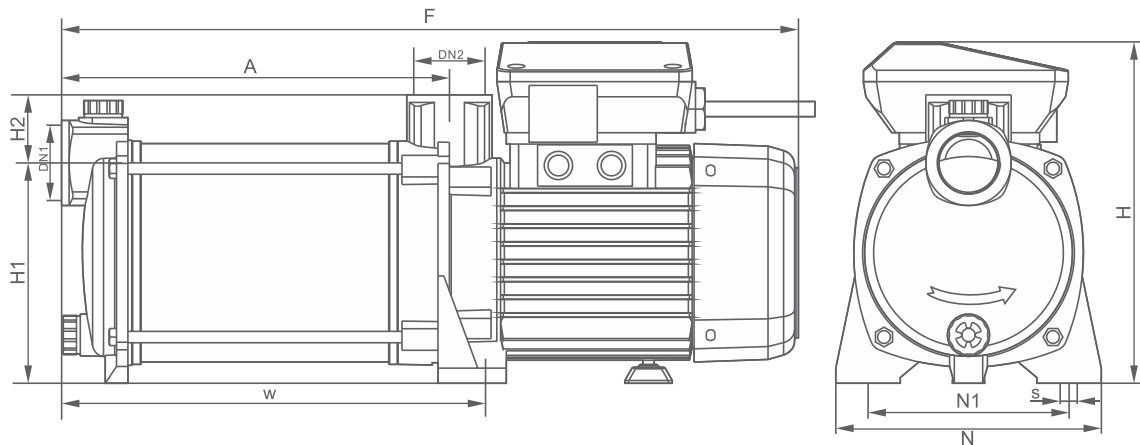
Horizontal Multistage Stainless Steel Pump 60Hz

PRAKASH

Pump Selection Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Voltage/ 60Hz	Rated Speed (RPM)	PHASE	INLET/ OUTLET	Max. Flow (LPM)	Max. Head (m)	Max. Suction (m)
		KW	HP							
PHMP90-3	PHMPSS90-3	0.75	1.0	220-240	3500	1 Phase	1" x 1"	90	33	8
PHMP90-5	PHMPSS90-5	1.1	1.5	220-240	3500	1 Phase	1" x 1"	90	55	8

G.A. Drawing



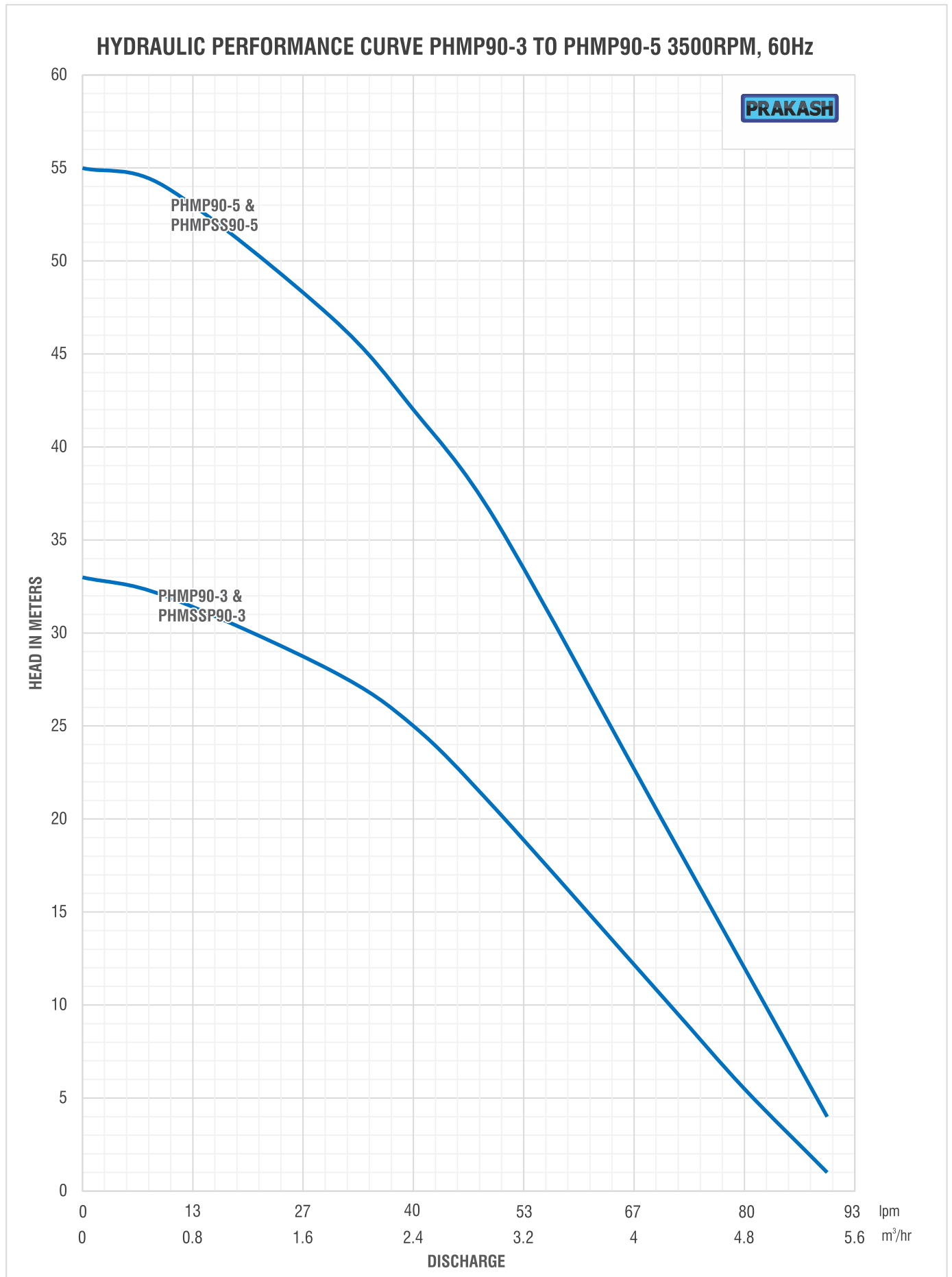
Pump Dimension Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	DN1	DN2	A	F	H	H1	H2	N	N1	W	S
PHMP90-3	PHMPSS90-3	1"	1"	158	349	180	116.5	36	140	110	176	10
PHMP90-5	PHMPSS90-5	1"	1"	203	417	201	116.5	36	140	110	221	10

Pump Performance Chart

MODEL (CAST IRON)	MODEL (STAINLESS STEEL)	Power		Q	US GPM	0	2.6	8	10.6	13.2	18	21	24
		KW	HP		M³/H	0	1.0	1.8	2.4	3.0	4.2	4.8	5.4
					LPM	0	10	30	40	50	70	80	90
PHMP90-3	PHMPSS90-3	0.75	1.0	Head (m)	33	32	28	25	20	10	5	1	
PHMP90-5	PHMPSS90-5	1.1	1.5	Head (m)	55	54	47	42	36	20	10	4	

Pump Performance Curve



PRAKASH

Office in India

PRAKASH PUMP

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