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# Centrifugal Stainless Steel Pump

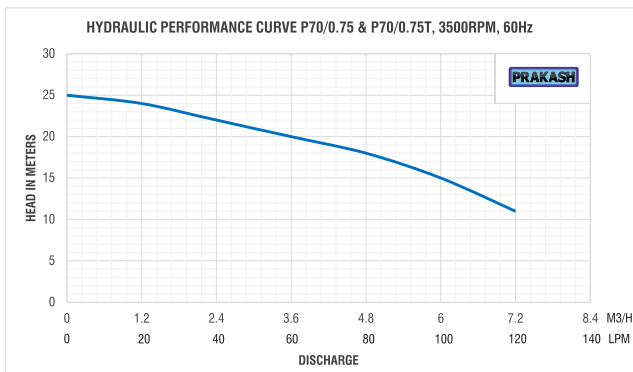


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# Centrifugal Stainless Steel Pump

**PRAKASH**

**Model : P70/0.75 & P70/0.75T**



## Application

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

## Material of Construction (MOC)

- Pump body : Stainless steel 316
- Bracket : Stainless steel 316
- Impeller : Stainless steel 316
- Shaft : Stainless steel 316
- Mechanical seal : Sic/Viton/SS

## Application Limits

- Liquid temperature : up to 90 °C
- Ambient temperature : up to 40 °C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : < 1000m

## Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Thermal protection : Built-in (upon request 3 Φ)
- Voltage : Single phase 220-240v, 60Hz  
Three phase 380-420v, 60Hz

## Pump Selection Chart

| Model                | Power |     | Volt (60Hz) | Phase   | Rated Speed (RPM) | Inlet / Outlet | Max. Flow (LPM) | Max. Head (Mtr) | Max. Suction (Mtr) |
|----------------------|-------|-----|-------------|---------|-------------------|----------------|-----------------|-----------------|--------------------|
|                      | Kw    | HP  |             |         |                   |                |                 |                 |                    |
| P70/0.75 & P70/0.75T | 0.75  | 1.0 | 220/380     | 1 & 3 Φ | 3500              | 1.25"x 1"      | 120             | 25              | 8                  |

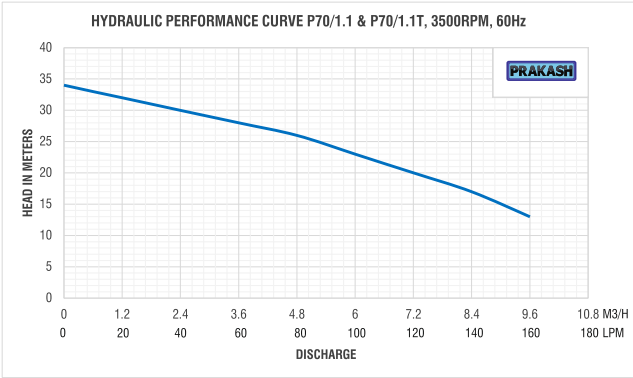
## Performance Chart

| Model                | Power |     | Q        | US GPM | 0  | 5   | 11  | 16  | 21  | 26  | 32  |
|----------------------|-------|-----|----------|--------|----|-----|-----|-----|-----|-----|-----|
|                      | Kw    | HP  |          | M3/H   | 0  | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 |
|                      |       |     |          | LPM    | 0  | 20  | 40  | 60  | 80  | 100 | 120 |
| P70/0.75 & P70/0.75T | 0.75  | 1.0 | HEAD (m) |        | 25 | 24  | 22  | 20  | 18  | 15  | 11  |

# Centrifugal Stainless Steel Pump

PRAKASH

Model : P70/1.1 & P70/1.1T



## Application

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

## Material of Construction (MOC)

- Pump body : Stainless steel 316
- Bracket : Stainless steel 316
- Impeller : Stainless steel 316
- Shaft : Stainless steel 316
- Mechanical seal : Sic/Viton/SS

## Application Limits

- Liquid temperature : up to 90 °C
- Ambient temperature : up to 40 °C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : < 1000m

## Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Thermal protection : Built-in (upon request 3 Φ)
- Voltage : Single phase 220-240v, 60Hz  
Three phase 380-420v, 60Hz

## Pump Selection Chart

| Model              | Power |     | Volt (60Hz) | Phase   | Rated Speed (RPM) | Inlet / Outlet | Max. Flow (LPM) | Max. Head (Mtr) | Max. Suction (Mtr) |
|--------------------|-------|-----|-------------|---------|-------------------|----------------|-----------------|-----------------|--------------------|
|                    | Kw    | HP  |             |         |                   |                |                 |                 |                    |
| P70/1.1 & P70/1.1T | 1.1   | 1.5 | 220/380     | 1 & 3 Φ | 3500              | 1.25"x 1"      | 160             | 34              | 8                  |

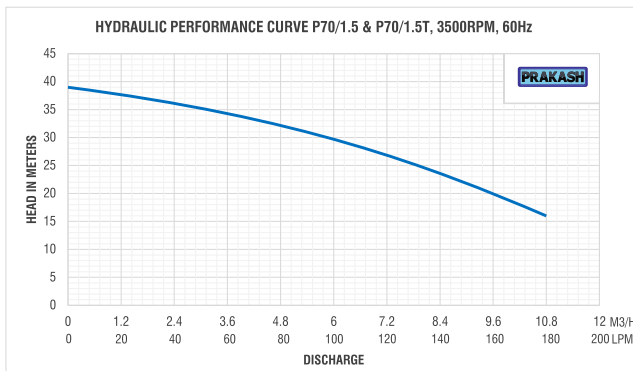
## Performance Chart

| Model              | Power |     | Q        | US GPM | 0  | 5   | 11  | 16  | 21  | 26  | 32  | 42  |
|--------------------|-------|-----|----------|--------|----|-----|-----|-----|-----|-----|-----|-----|
|                    | Kw    | HP  |          | M3/H   | 0  | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 9.6 |
|                    |       |     |          | LPM    | 0  | 20  | 40  | 60  | 80  | 100 | 120 | 160 |
| P70/1.1 & P70/1.1T | 1.1   | 1.5 | HEAD (m) | 34     | 32 | 30  | 28  | 26  | 23  | 20  | 13  |     |

# Centrifugal Stainless Steel Pump

**PRAKASH**

**Model : P70/1.5 & P70/1.5T**



## Application

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

## Material of Construction (MOC)

- Pump body : Stainless steel 316
- Bracket : Stainless steel 316
- Impeller : Stainless steel 316
- Shaft : Stainless steel 316
- Mechanical seal : Sic/Viton/SS

## Application Limits

- Liquid temperature : up to 90 °C
- Ambient temperature : up to 40 °C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : < 1000m

## Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Thermal protection : Built-in (upon request 3 Φ)
- Voltage : Single phase 220-240v, 60Hz  
Three phase 380-420v, 60Hz

## Pump Selection Chart

| Model              | Power |     | Volt (60Hz) | Phase   | Rated Speed (RPM) | Inlet / Outlet | Max. Flow (LPM) | Max. Head (Mtr) | Max. Suction (Mtr) |
|--------------------|-------|-----|-------------|---------|-------------------|----------------|-----------------|-----------------|--------------------|
|                    | Kw    | HP  |             |         |                   |                |                 |                 |                    |
| P70/1.5 & P70/1.5T | 1.5   | 2.0 | 220/380     | 1 & 3 Φ | 3500              | 1.25"x 1"      | 180             | 39              | 8                  |

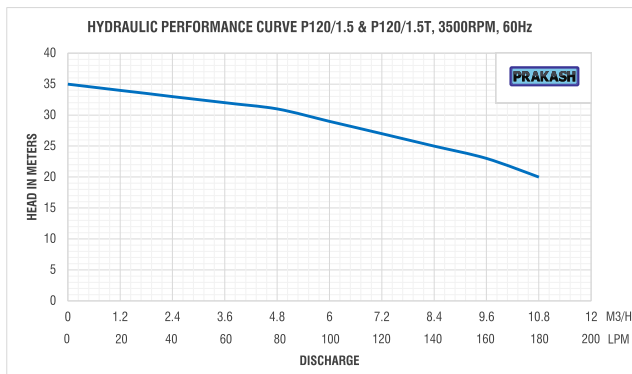
## Performance Chart

| Model              | Power |     | Q        | US GPM | 0  | 5   | 16  | 26  | 32  | 37  | 42  | 48   |
|--------------------|-------|-----|----------|--------|----|-----|-----|-----|-----|-----|-----|------|
|                    | Kw    | HP  |          | M3/H   | 0  | 1.2 | 3.6 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 |
|                    |       |     |          | LPM    | 0  | 20  | 60  | 100 | 120 | 140 | 160 | 180  |
| P70/1.5 & P70/1.5T | 1.5   | 2.0 | HEAD (m) | 39     | 37 | 34  | 30  | 27  | 23  | 20  | 16  |      |

# Centrifugal Stainless Steel Pump

**PRAKASH**

**Model : P120/1.5 & P120/1.5T**



## Application

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

## Material of Construction (MOC)

- Pump body : Stainless steel 316
- Bracket : Stainless steel 316
- Impeller : Stainless steel 316
- Shaft : Stainless steel 316
- Mechanical seal : Sic/Viton/SS

## Application Limits

- Liquid temperature : up to 90 °C
- Ambient temperature : up to 40 °C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : < 1000m

## Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Thermal protection : Built-in (upon request 3 Φ)
- Voltage : Single phase 220-240v, 60Hz  
Three phase 380-420v, 60Hz

## Pump Selection Chart

| Model                | Power |     | Volt (60Hz) | Phase   | Rated Speed (RPM) | Inlet / Outlet | Max. Flow (LPM) | Max. Head (Mtr) | Max. Suction (Mtr) |
|----------------------|-------|-----|-------------|---------|-------------------|----------------|-----------------|-----------------|--------------------|
|                      | Kw    | HP  |             |         |                   |                |                 |                 |                    |
| P120/1.5 & P120/1.5T | 1.5   | 2.0 | 220/380     | 1 & 3 Φ | 3500              | 1.25"x 1"      | 180             | 35              | 8                  |

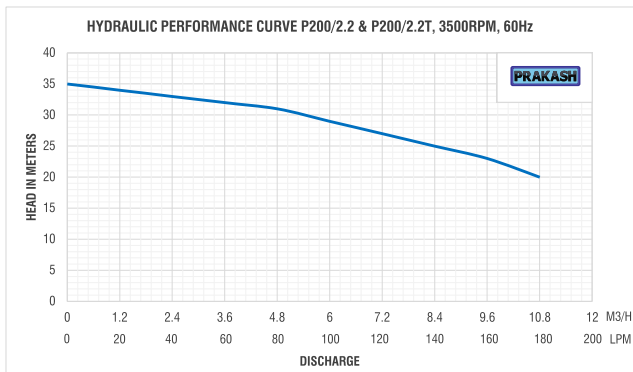
## Performance Chart

| Model                | Power |     | Q        | US GPM | 0  | 5   | 16  | 26  | 32  | 37  | 42  | 48   |
|----------------------|-------|-----|----------|--------|----|-----|-----|-----|-----|-----|-----|------|
|                      | Kw    | HP  |          | M3/H   | 0  | 1.2 | 3.6 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 |
|                      |       |     |          | LPM    | 0  | 20  | 60  | 100 | 120 | 140 | 160 | 180  |
| P120/1.5 & P120/1.5T | 1.5   | 2.0 | HEAD (m) |        | 35 | 34  | 32  | 30  | 27  | 25  | 23  | 20   |

# Centrifugal Stainless Steel Pump

**PRAKASH**

**Model : P200/2.2 & P200/2.2T**



## Application

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

## Material of Construction (MOC)

- Pump body : Stainless steel 316
- Bracket : Stainless steel 316
- Impeller : Stainless steel 316
- Shaft : Stainless steel 316
- Mechanical seal : Sic/Viton/SS

## Application Limits

- Liquid temperature : up to 90 °C
- Ambient temperature : up to 40 °C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : < 1000m

## Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4
- Insulation class : F
- Thermal protection : Built-in (upon request 3 Φ)
- Voltage : Single phase 220-240v, 60Hz  
Three phase 380-420v, 60Hz

## Pump Selection Chart

| Model                | Power |     | Volt (60Hz) | Phase   | Rated Speed (RPM) | Inlet / Outlet | Max. Flow (LPM) | Max. Head (Mtr) | Max. Suction (Mtr) |
|----------------------|-------|-----|-------------|---------|-------------------|----------------|-----------------|-----------------|--------------------|
|                      | Kw    | HP  |             |         |                   |                |                 |                 |                    |
| P200/2.2 & P200/2.2T | 2.2   | 3.0 | 220/380     | 1 & 3 Φ | 3500              | 1.5"x 1"       | 260             | 33              | 8                  |

## Performance Chart

| Model                | Power |     | Q        | US GPM | 0  | 5   | 16  | 32  | 42  | 53   | 63   | 69   |
|----------------------|-------|-----|----------|--------|----|-----|-----|-----|-----|------|------|------|
|                      | Kw    | HP  |          | M3/H   | 0  | 1.2 | 3.6 | 7.2 | 6.6 | 12.0 | 14.4 | 15.6 |
|                      |       |     |          | LPM    | 0  | 20  | 60  | 120 | 160 | 200  | 240  | 260  |
| P200/2.2 & P200/2.2T | 2.2   | 3.0 | HEAD (m) |        | 33 | 32  | 30  | 27  | 25  | 23   | 21   | 19   |

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