

SLD - 3304 / 3306 - [22Kw / 30HP]

(50 Hz Standard 415 V / Special Voltage 525V on request)

The SLD sludge / slurry range pumps has quality 10 models (6 pole and 8 pole) for a variety of pump duties. Manufactured using only quality materials and the most modern CNC machining processes. With double silicon carbide mechanical seals in an oil bath and a hardened casing for long trouble free operation.



The Pump can handle up to 2.65 sp. gravity of solids & 70% by weight CW. This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure



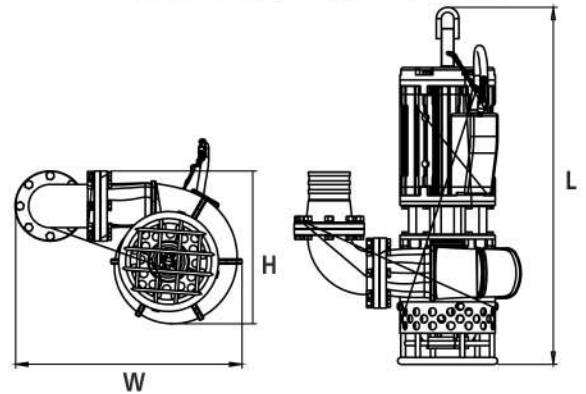
Each pump is fitted with a high chromium alloy steel agitator to assist with the reduction of solids to a slurry and which prevents the clogging of the inlet.

FEATURES AND BENEFITS

- Solids to slurry
- Prevents clogging
- High chromium alloy steel - impeller / agitator / wear plate
- Maximum submergence 40 mtr.

CONSTRUCTION

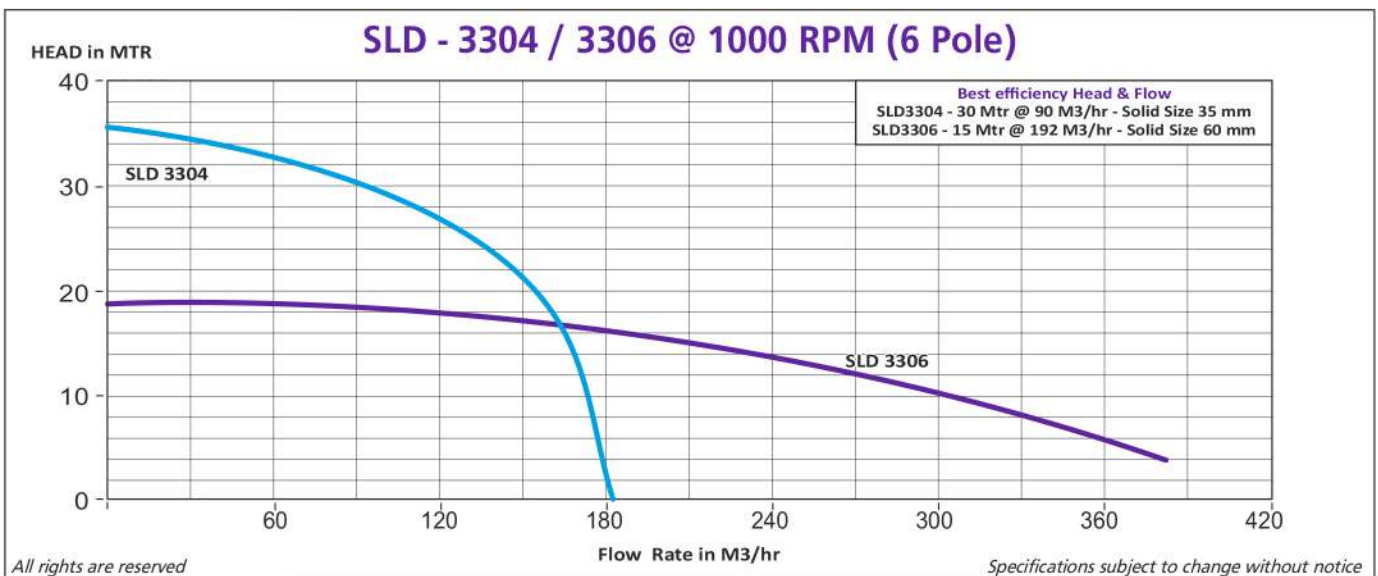
- Dual class winding - IP 68
- 4 Roller Bearing plus 1 angular Thrust Bearing
- Volute casting / Agitator / Impeller / Wear plate (27% chrome) High Wear Resistance
- All other cast parts SG IRON 500 / 7



SPECIAL FEATURES

- Pump Casing / Impeller/Agitator/Wear plate - High Chrome 27%
- Moisture Sensor to protect motor windings
- Temperature sensor to protect the motor
- Lip seal Technology
- Option available - Duplex Steel / SS316L
- Shaft - Ss431
- Easy power cable change (30 minutes as max.)

DIMENSIONS (mm)				
Model	H	L	W	Weight Kg
SLD3304	765	1260	850	760
SLD3306	775	1505	865	790



Predicted Performance Curve Subjected to ISO 9906 Gr 3b 2018 Performance with water at 30°C

INDRA HYDRO TECH PUMPS PVT LTD

No.85/M, Ground Floor, Industrial Suburb, 2nd Stage Gautham Nagar, Tumkur Road

Yeshwanthpur, Bangalore 560 022, Karnataka, INDIA

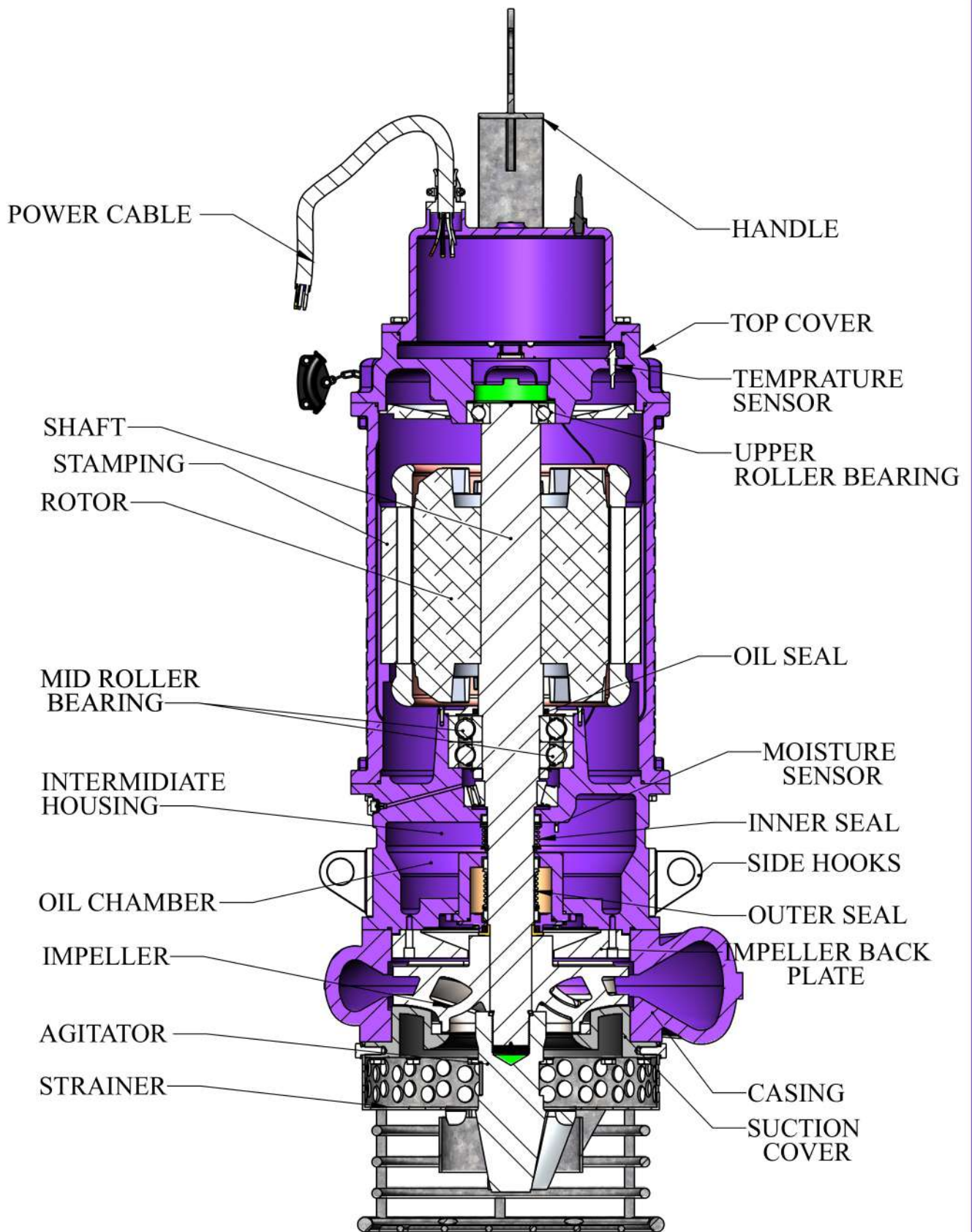
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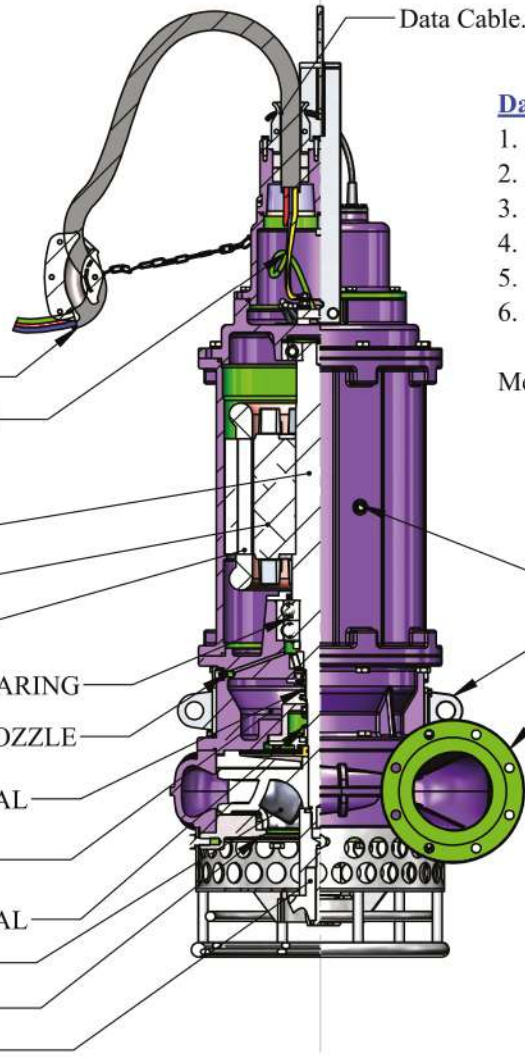
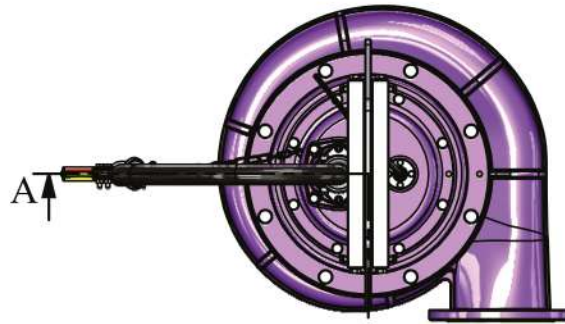
SLD - 3304 / 3306 - [22Kw / 30HP]

(50 Hz Standard 415V / 3 Phase / 1000 RPM / 6 Pole)

Sectional Drawing



INDRA HYDRO TECH PUMPS PVT LTD



Power Cable Details.

1. Red :- Phase.
2. Yellow :- Phase.
3. Blue :- Phase.
4. Green: - Earth.

Data Cable details.

1. Blue :- Mechanical seal sensor.
2. Yellow :- Mechanical seal sensor.
3. Green :- Motor sensor.
4. Pink :- Motor sensor.
5. Ace :- Winding Temperature sensor.
6. Brown :- Winding Temperature sensor.

Mesh to be used as earth.

POWER CABLE
CABLE HOUSING

SHAFT
ROTOR
STATOR
RADIAL BALL BEARING
GREASE INPUT NOZZLE
MECHANICAL SEAL
OIL CHAMBER
MECHANICAL SEAL
IMPELLER
SUCTION COVER
AGITATOR

STATOR LOCK BOLT
LIFTING HOOK
DELIVERY NECK

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SLD - 3506 / 3506H / 3508 - [37Kw / 50HP]

(50 Hz Standard 415V / 3 Phase / 1000 RPM / 6 Pole)

The SLD sludge / slurry range pumps has quality 10 models (6 pole and 8 pole) for a variety of pump duties. Manufactured using only quality materials and the most modern CNC machining processes. With double silicon carbide mechanical seals in an oil bath and a hardened casing for long trouble free operation.



The Pump can handle up to 2.65 sp. gravity of solids & 70% by weight CW. This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure



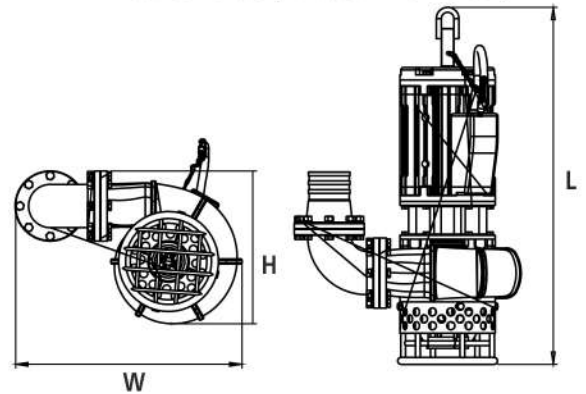
Each pump is fitted with a high chromium alloy steel agitator to assist with the reduction of solids to a slurry and which prevents the clogging of the inlet.

FEATURES AND BENEFITS

- Solids to slurry
- Prevents clogging
- High chromium alloy steel - impeller / agitator / wear plate
- Maximum submergence 40 mtr.

CONSTRUCTION

- Dual class winding - IP 68
- 4 Roller Bearing plus 1 angular Thrust Bearing
- Volute casting / Agitator / Impeller / Wear plate (27% chrome) High Wear Resistance
- All other cast parts SG IRON 500 / 7

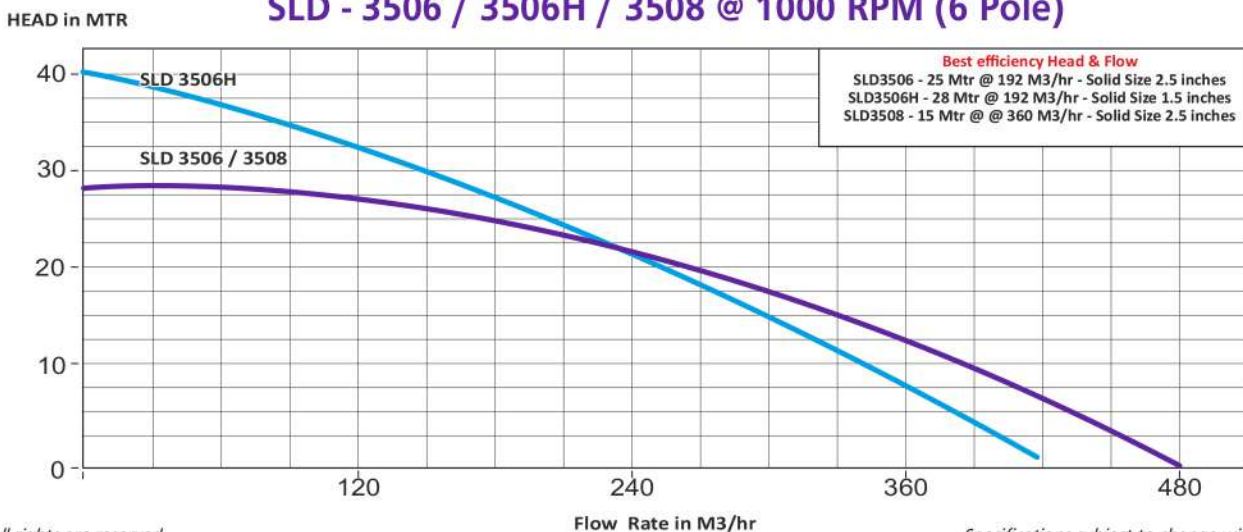


SPECIAL FEATURES

- Pump Casing / Impeller/Agitator/Wear plate - High Chrome 27%
- Moisture Sensor to protect motor windings
- Temperature sensor to protect the motor
- Lip seal Technology
- Option available - Duplex Steel / SS316L
- Shaft - Ss431
- Easy power cable change (30 minutes as max.)

DIMENSIONS (mm)				
Model	H	L	W	Weight Kg
SLD3506	885	1900	1005	975
SLD3508	860	1900	960	990

SLD - 3506 / 3506H / 3508 @ 1000 RPM (6 Pole)



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Specifications subject to change without notice

Predicted Performance Curve Subjected to ISO 9906 Gr 3b 2018 Performance with water at 30°C

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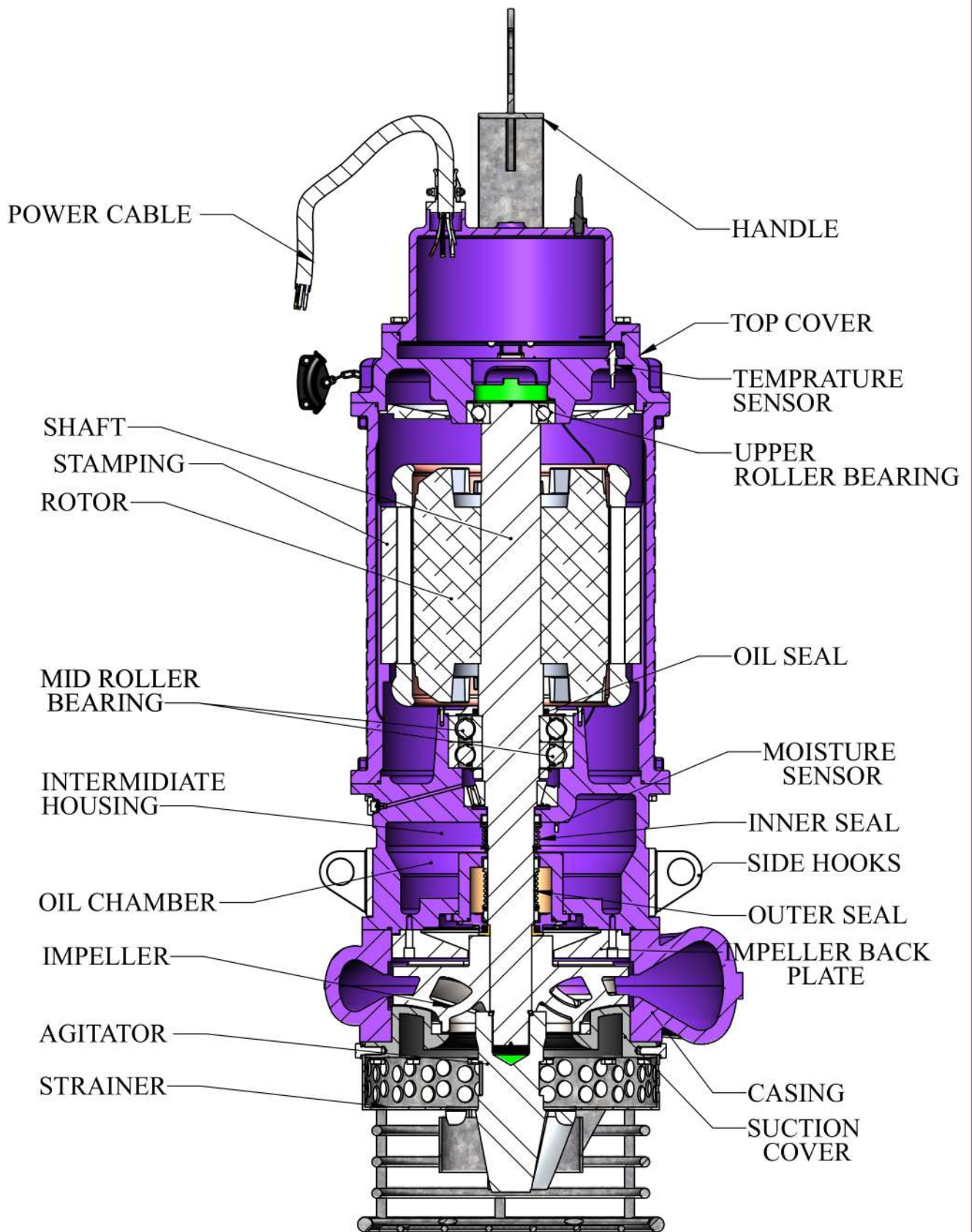
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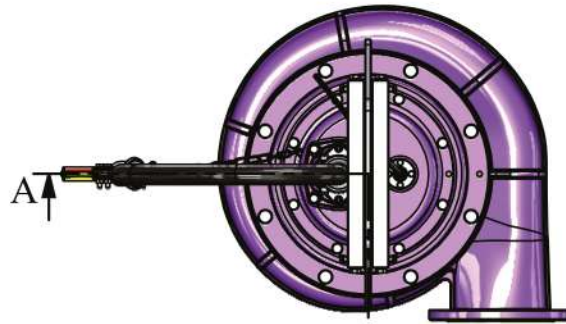
SLD - 3506 / 3506H / 3508 - [37Kw / 50HP]

(50 Hz Standard 415V / 3 Phase / 1000 RPM / 6 Pole)

Sectional Drawing



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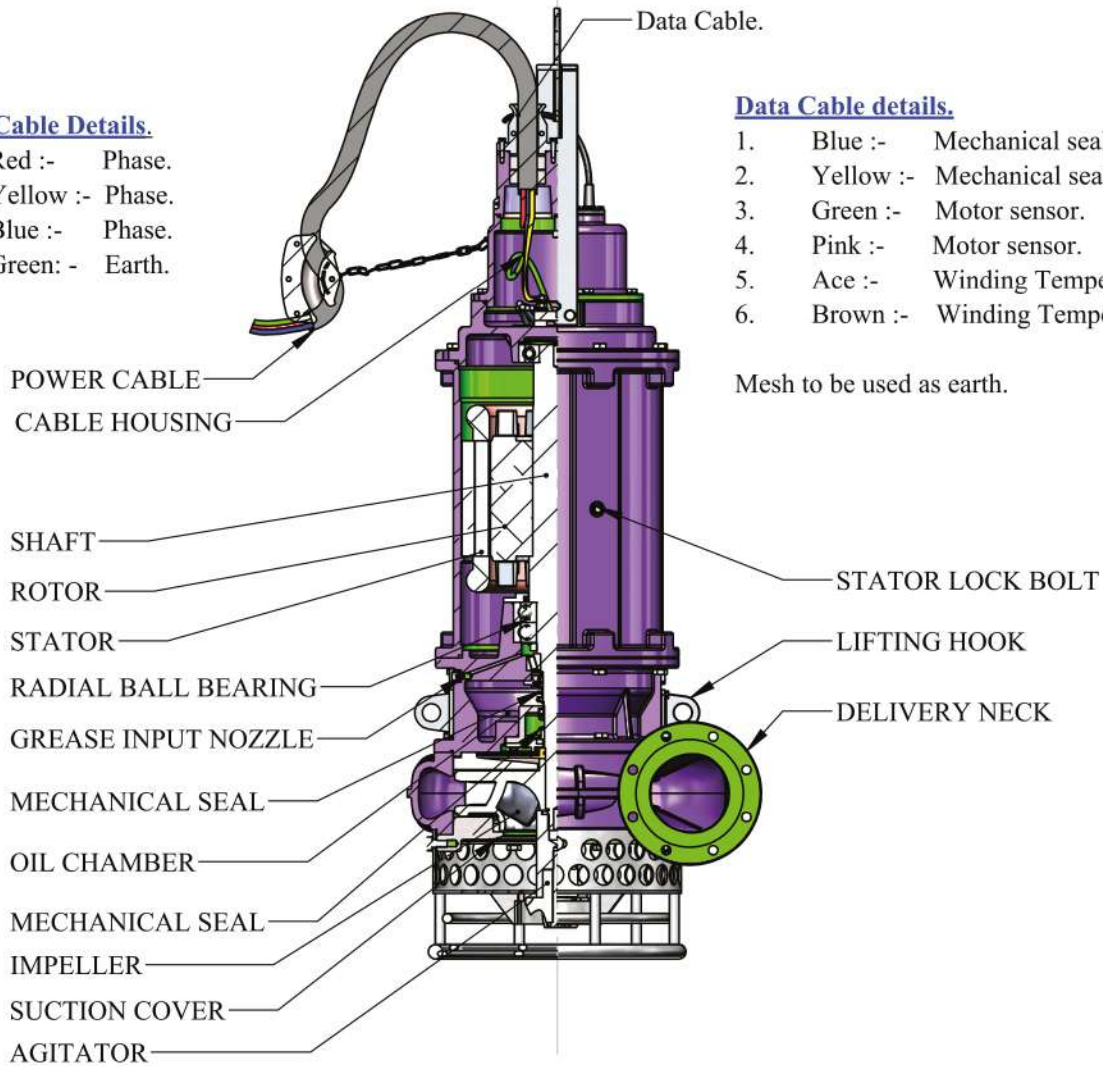


Power Cable Details.

1. Red :- Phase.
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Data Cable details.

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SLD - 3756 / 3758 - [55Kw / 75HP]

(50 Hz Standard 460V / 3 Phase / 1000 RPM / 6 Pole)

The SLD sludge / slurry range pumps has quality 10 models (6 pole and 8 pole) for a variety of pump duties. Manufactured using only quality materials and the most modern CNC machining processes. With double silicon carbide mechanical seals in an oil bath and a hardened casing for long trouble free operation.



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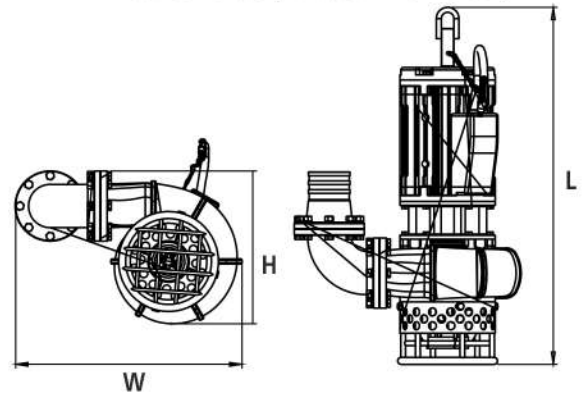
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FEATURES AND BENEFITS

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- Prevents clogging
- High chromium alloy steel - impeller / agitator / wear plate
- Maximum submergence 40 mtr.

CONSTRUCTION

- Dual class winding - IP 68
- 4 Roller Bearing plus 1 angular Thrust Bearing
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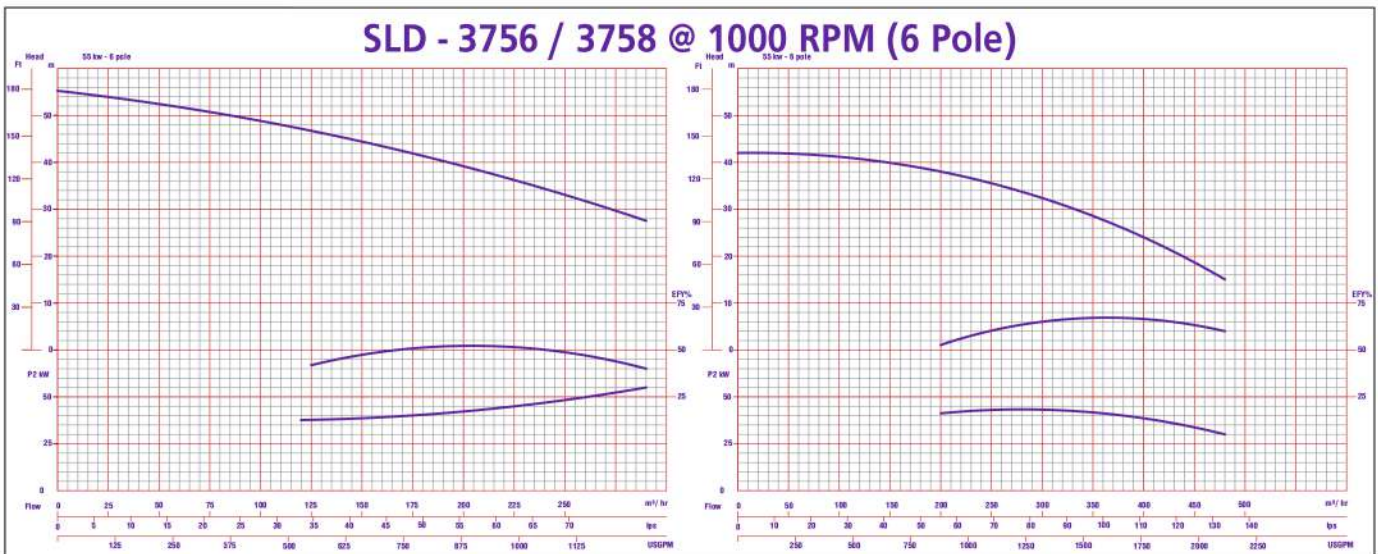


SPECIAL FEATURES

- Pump Casing / Impeller/Agitator/Wear plate - High Chrome 27%
- Moisture Sensor to protect motor windings
- Temperature sensor to protect the motor
- Lip seal Technology
- Option available - Duplex Steel / SS316L
- Shaft - Ss431
- Easy power cable change (30 minutes as max.)

DIMENSIONS (mm)				
Model	H	L	W	Weight Kg
SLD3756	910	1950	1100	1200
SLD3758	915	1950	1100	1250

SLD - 3756 / 3758 @ 1000 RPM (6 Pole)



Predicted Performance Curve Subjected to ISO 9906 Gr 3b 2018 Performance with water at 30°C

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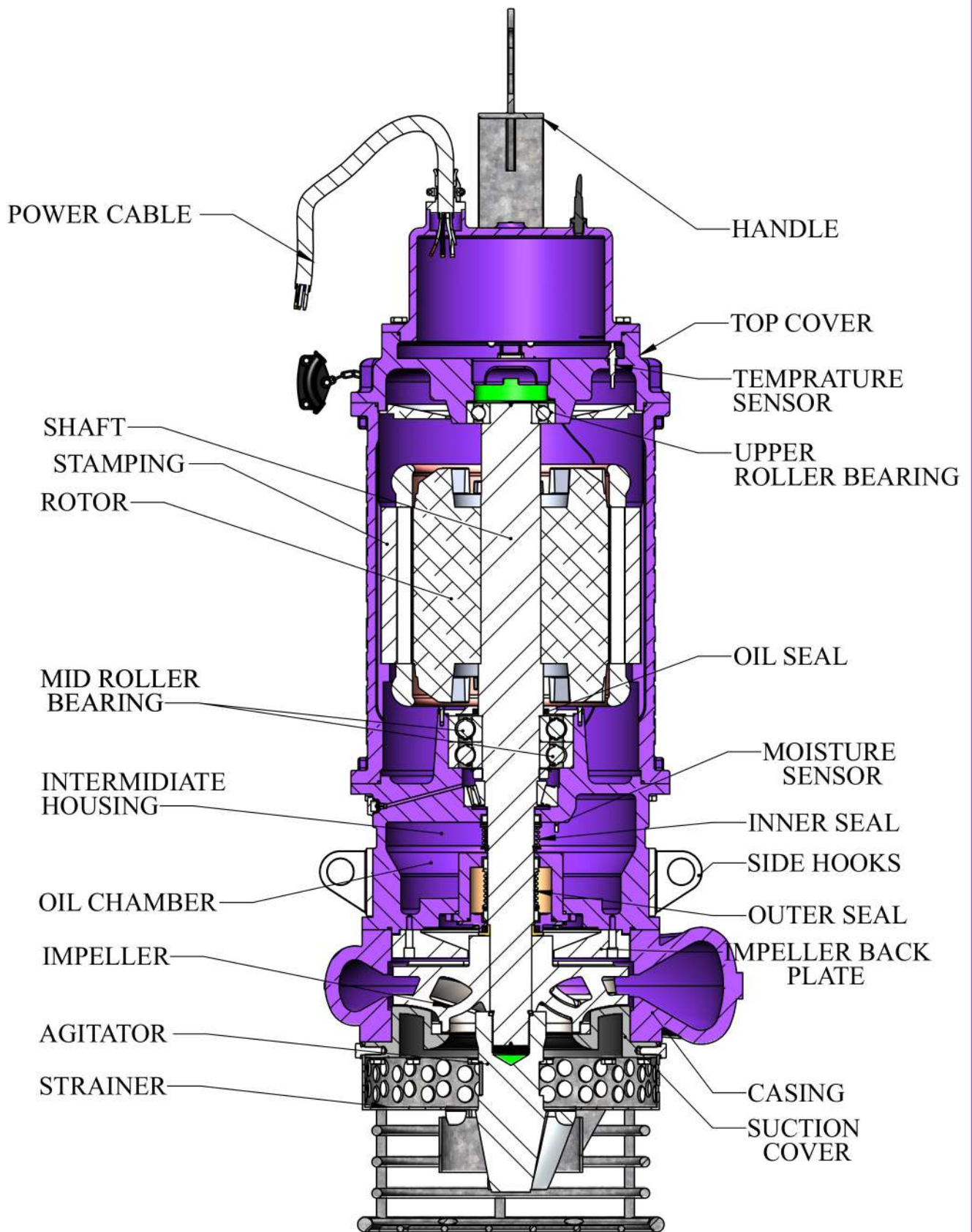
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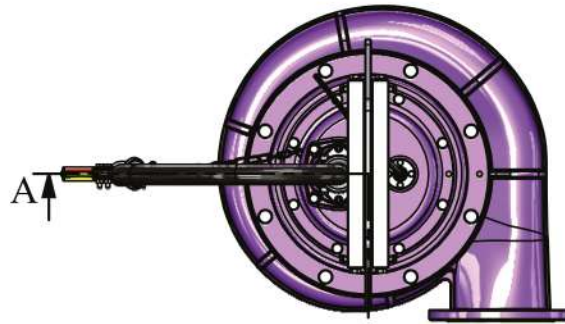
SLD - 3756 / 3758 - [55Kw / 75HP]

(50 Hz Standard 460V / 3 Phase / 750 RPM / 8 Pole)

Sectional Drawing



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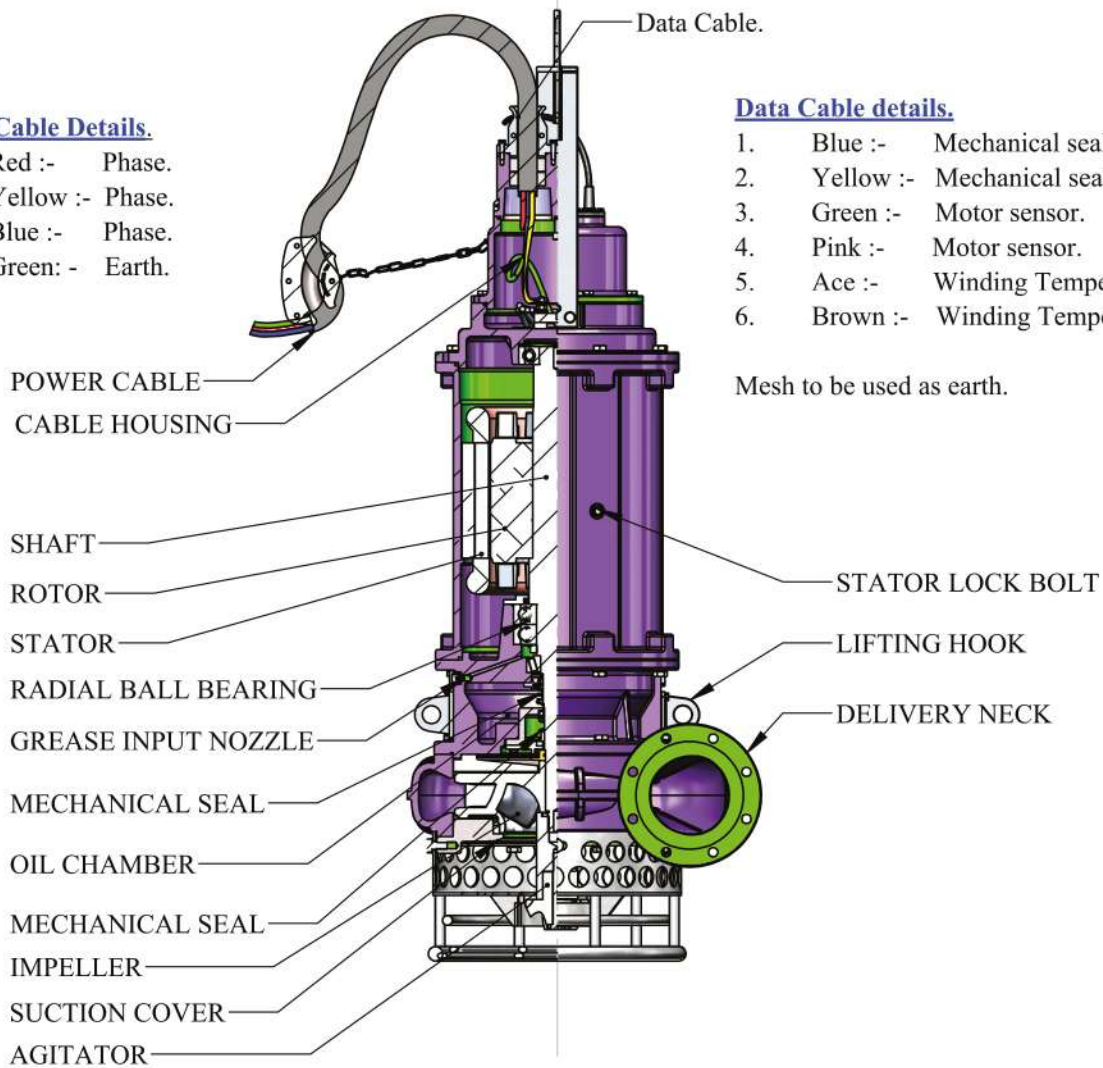


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SLD - 33006 - [220-Kw / 300HP]

(50 Hz Standard 415V / 3 Phase / 1000 RPM / 6 Pole)

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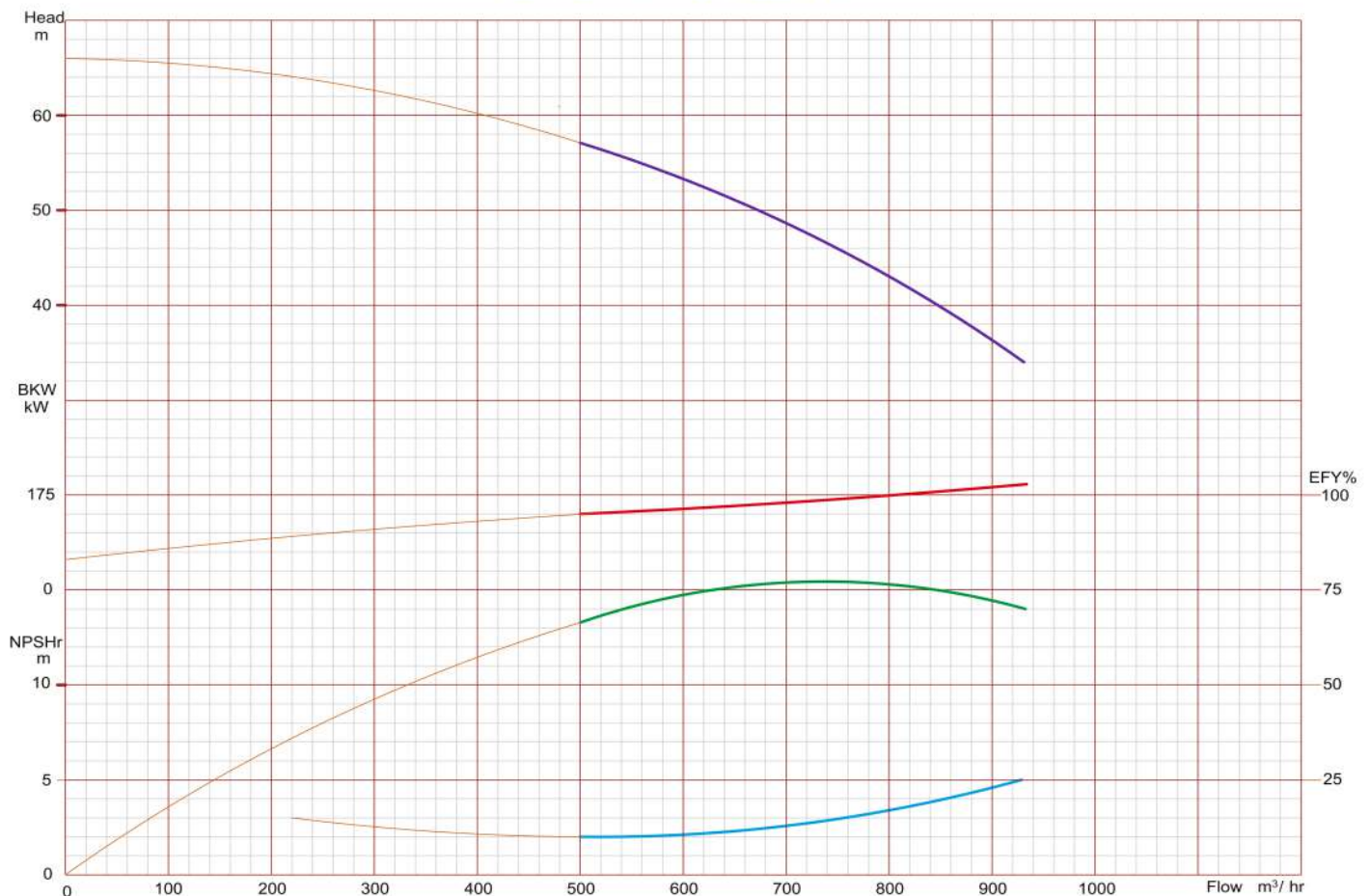
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Performance Curve



Predicted Performance Curve Performance subjected to ISO 9906 Gr 3b 2018 tolerance
 Performance with clear Water, The Corrections for Sp.Gravity, Viscosity & Solids to be applied for.
 Recommended slurry parameter - d_{50} average Particle size of 0.1 mm, Slurry Specific gravity of 1.19, Solid Specific gravity of 1.5, C_w of 48% and C_v of 38 %
 Recommended Motor - 220 kw (300 hp) 6 pole. Recommended discharge pipe velocity should not be less than 2 m/s

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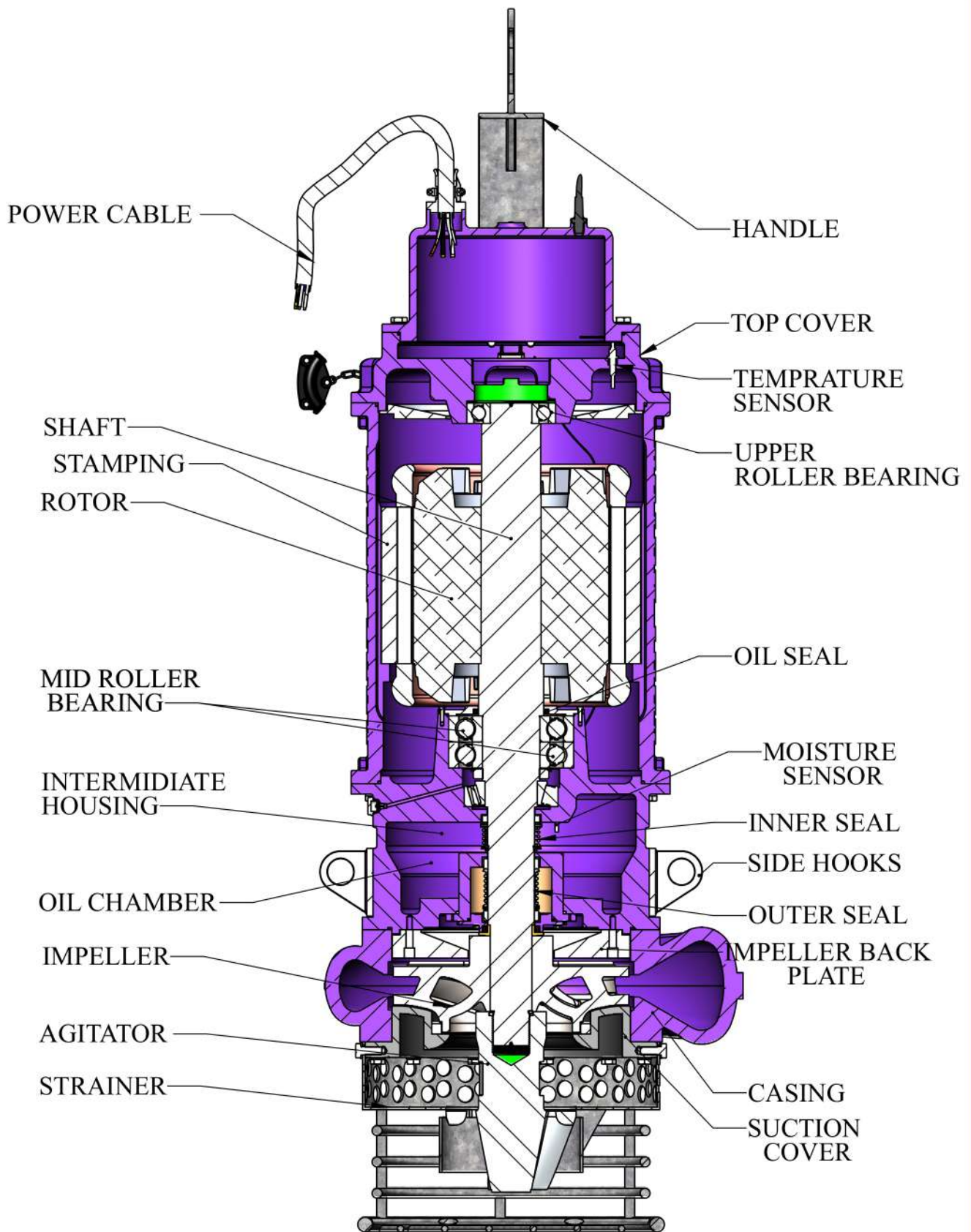
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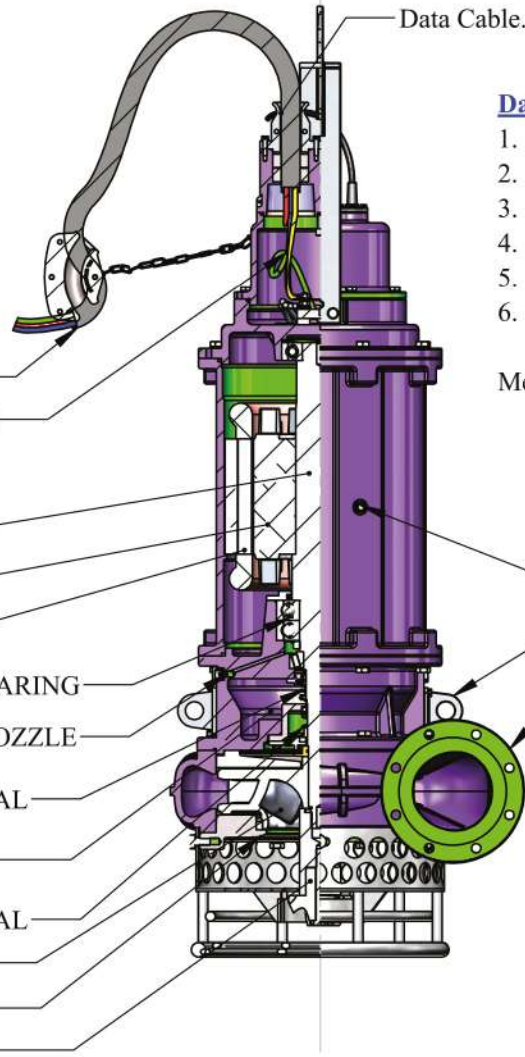
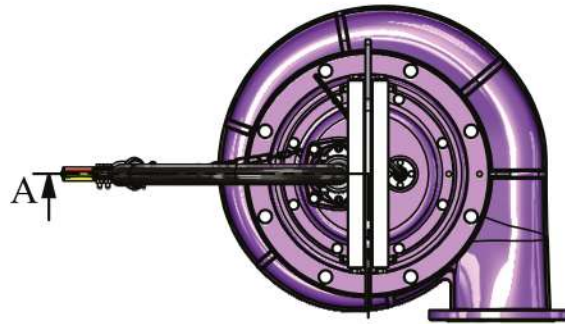
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