

# IHP<sup>®</sup>

*We pump water, sewage & slurry*



**24**  
MONTHS  
WARRANTY

Indra Hydrotech Pumps is an Indian Company located in Bengaluru, Silicon Valley India, exclusively brings the world's best pump technology home at affordable price, state of art technology and backed by Hydraulic experts. Established over 11 years ago, we are an inter-generational company committed to the future of our clients' needs and their clients too.

Our pumps are used in a range of application - Mining, Slurry, De-watering, ISO 2858 upto 500 series and have a real responsibilities providing technology that delivers with quality efficiency and reliability in affordable price on across segment.

We design the right pumps for the system requirements such as head, duty point, efficiency, NPSH, find the ways to improve our service which adds the value to the IHP products we produce and sell.

SLURRY PUMP

ENGINE DRIVEN  
DE-WATERING PUMP

ELECTRICAL DRIVEN  
DE-WATERING PUMP

BARE SHAFT PUMPS

HYDRAULIC DRIVEN  
SLURRY PUMP

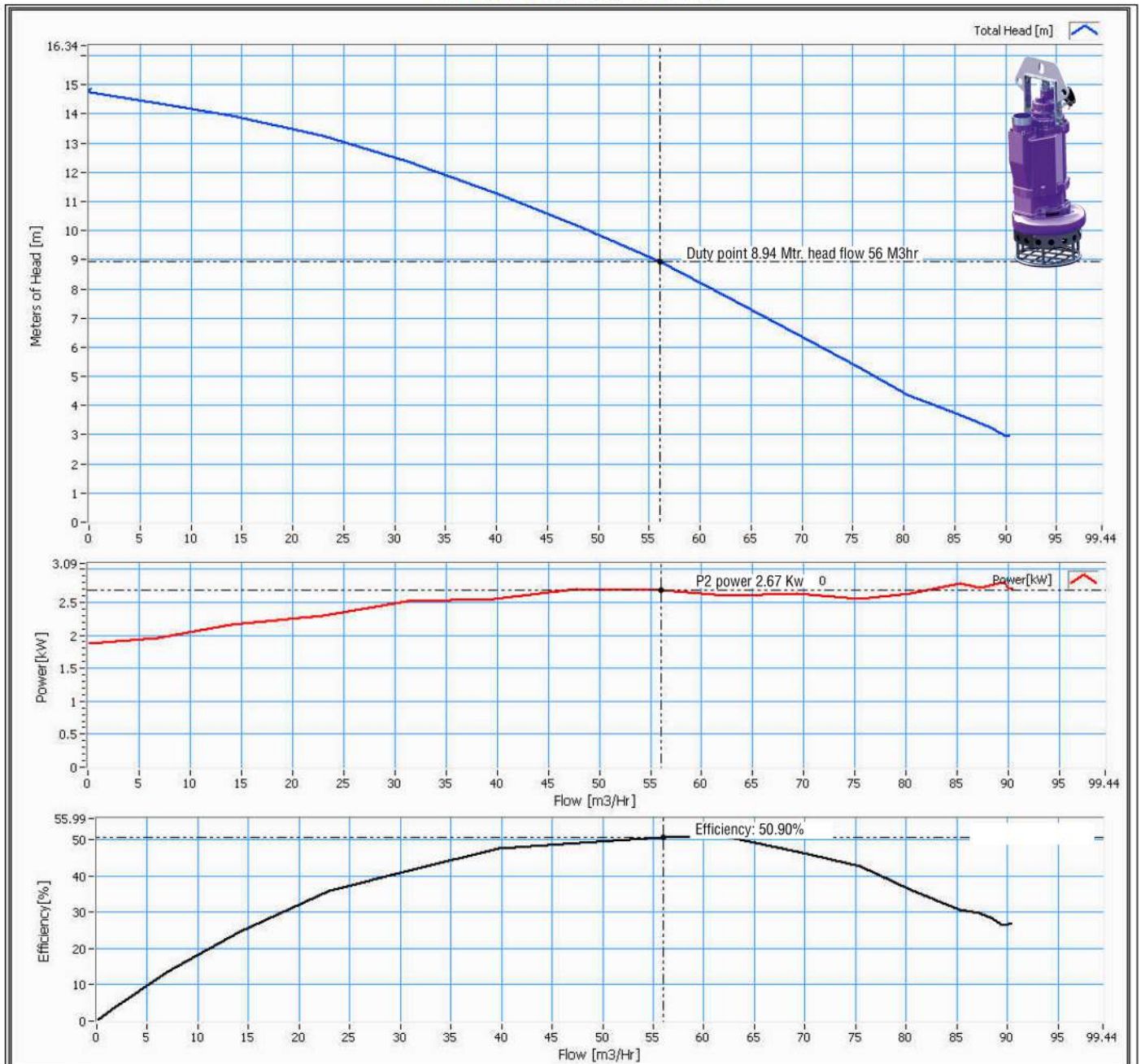
ELECTRICAL DRIVEN  
SEWAGE PUMP

ELECTRICAL DRIVEN  
CUTTER PUMP

# SLD 353 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD SLURRY</b>	Motor Type:	<b>Water Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.5</b>
Number of Poles:	<b>4 poles</b>	Total Head (m):	<b>15</b>
No. Of Stages:	<b>1</b>	Discharge (m3/hr):	<b>90.14</b>
Motor Rating (kW/HP):	<b>3.7/5</b>	Model Number:	<b>SLD - 354</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>100.00</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24.00</b>
Maximum Current (A)	<b>6.5</b>	Water Temp (deg):	<b>21.00</b>
Rated Speed (rpm): 1	<b>450</b>	Suction Pipe Size (mm):	<b>63.00</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve

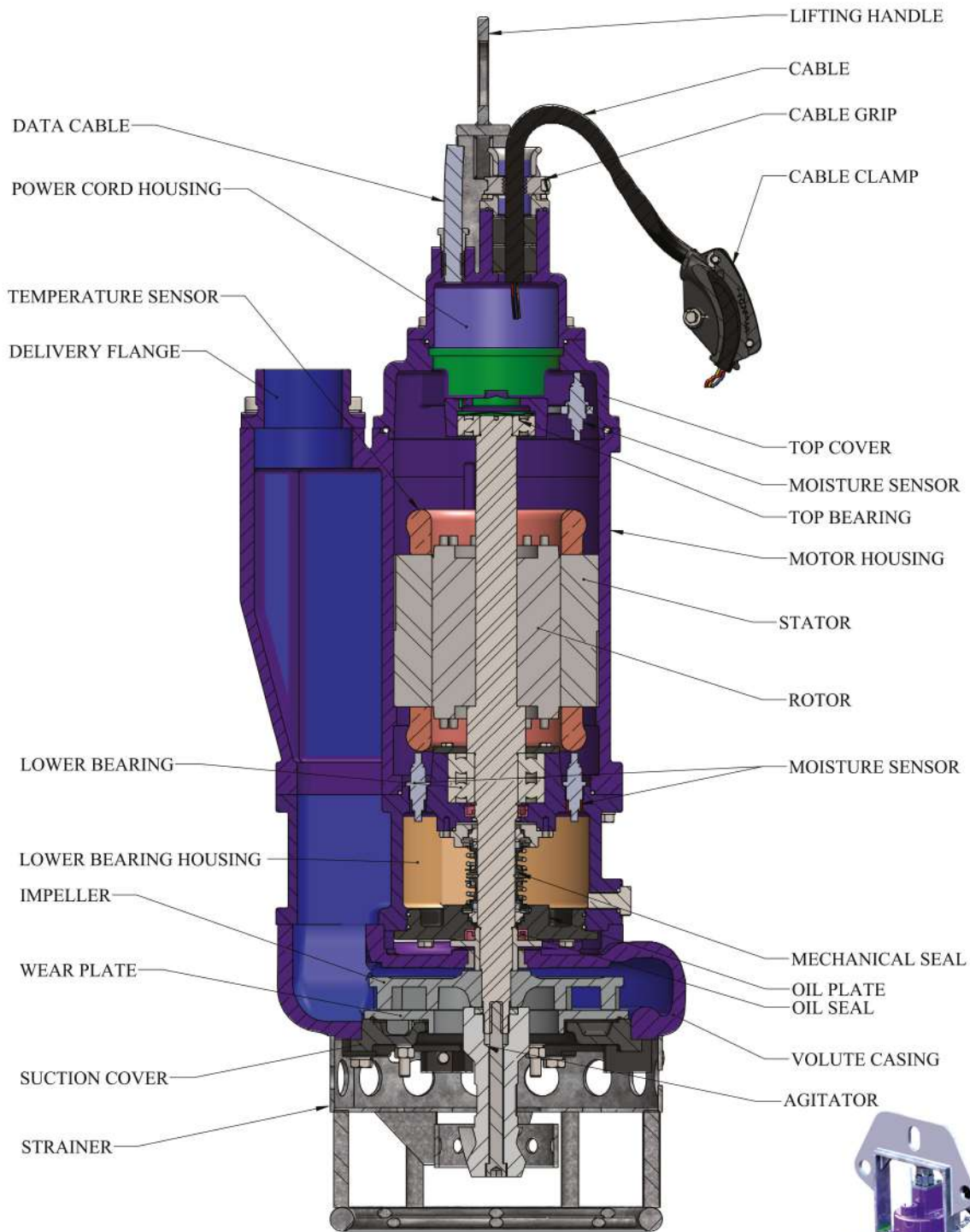


These curves are tested at pure water condition at Bangalore, India & Data may vary subject to field condition such as density  
 The Pump can handle up to 2.65 sp. gravity of solids & 70% by weight CW. This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure

Specifications subject to change without notice

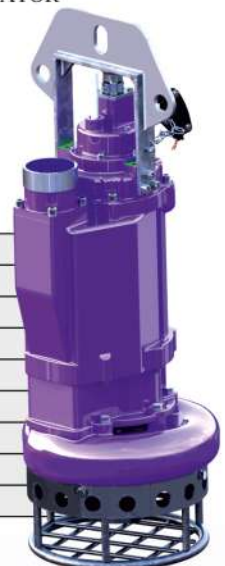
Updated: 04-09-2021

## EXPLODED OVER VIEW SLD 3.7KW/5HP



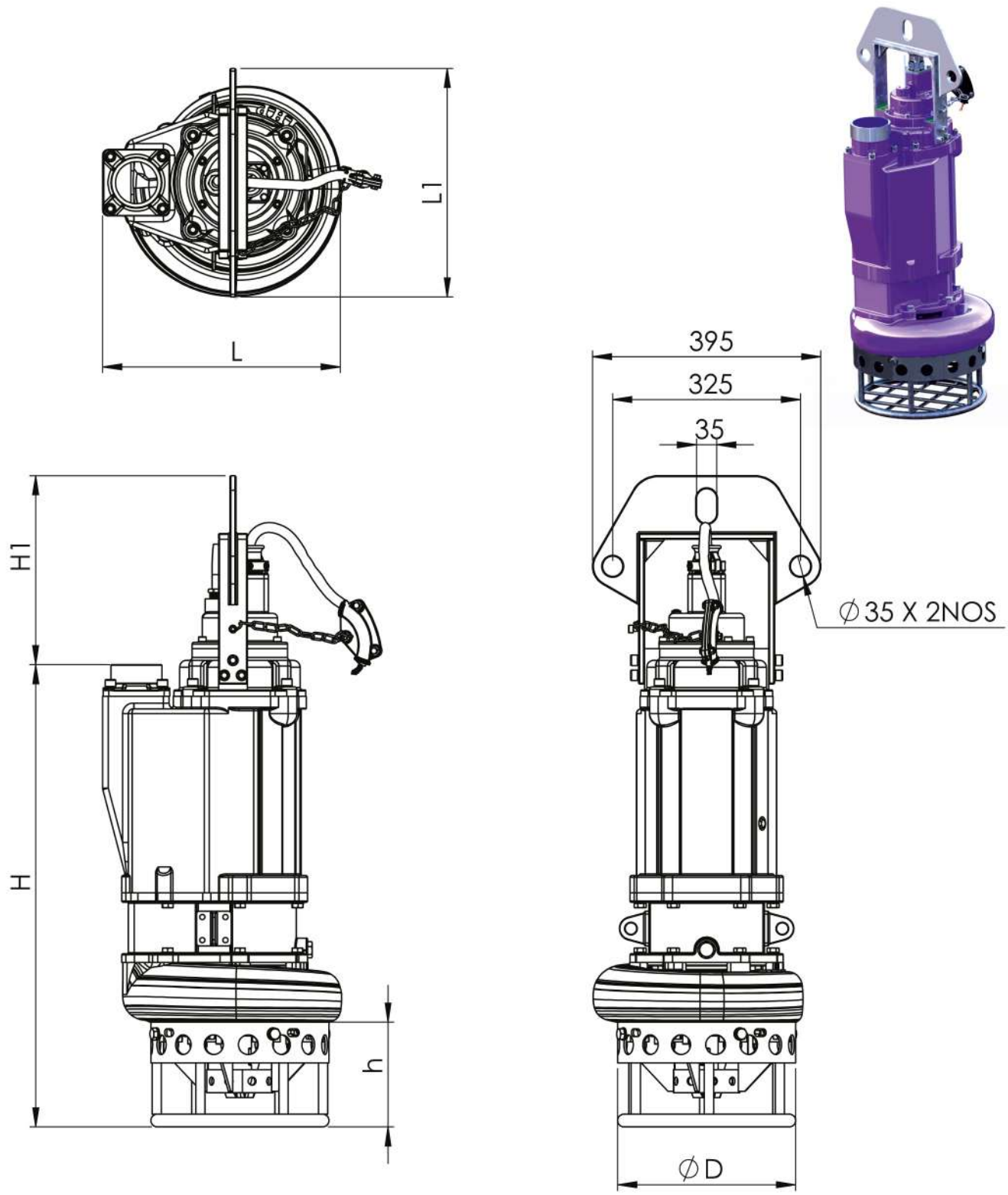
### TECHNICAL SPECIFICATION:

1. VOLUTE CASING	- SG500/7 \ HICR27%
2. SUCTION FLANGE DIAMETER	- $\phi$ 115mm
3. DELIVERY FLANGE DIAMETER	- $\phi$ 75mm
4. IMPELLER DIAMETER	- $\phi$ 236mm HICR27%
5. IMPELLER VANES	- 4 No'S
6. AGITATOR LENGTH	- 157.5mm
7. AGITATOR DIA.	- $\phi$ 80
8. AGITATOR VANES	- 4 No"S HICR27%
9. WEIGHT	- 175kg



## MECHANICAL DIMENSIONS :

SLD-SLUDGE, SLURRY SUBMERSIBLE PUMP - 4 POLES - SLD 3.7KW/5HP

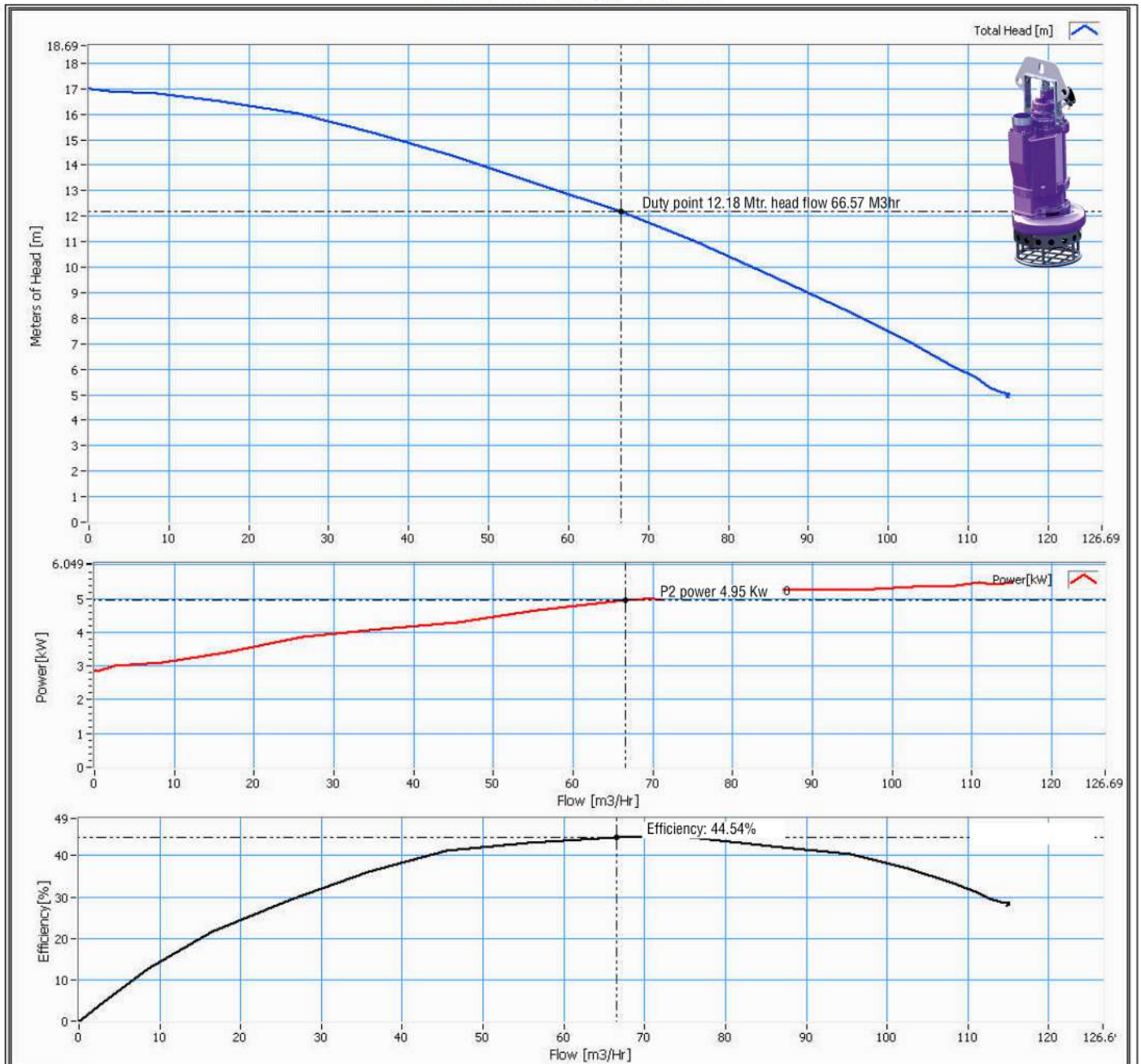


DIMENSIONS (mm)					
H	H1	h	D	L	L1
800	326	180	310	415	395

# SLD 3754 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD</b>	Motor Type:	<b>Oil Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.8</b>
Number of Poles:	<b>4</b>	poles Total Head (m):	<b>17</b>
No. Of Stages:	<b>1</b>	Discharge (m3/hr):	<b>115</b>
Motor Rating (kW/HP):	<b>5.5/7.5</b>	Model Number:	<b>SLD - 3754</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>100.00</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24.00</b>
Maximum Current (A)	<b>11</b>	Water Temp (deg):	<b>21.00</b>
Rated Speed (rpm):	<b>1425</b>	Suction Pipe Size (mm):	<b>63.00</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve

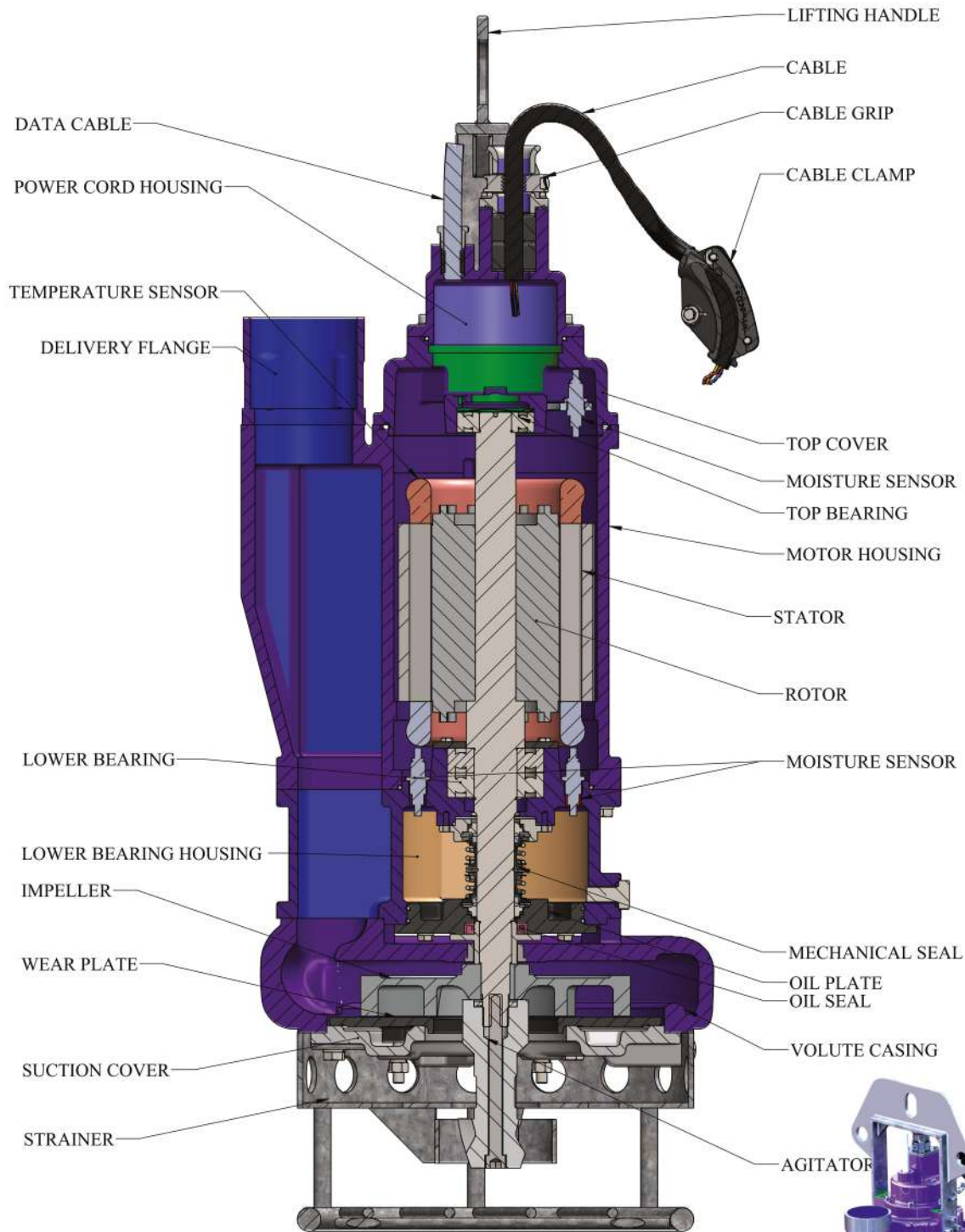


These curves are tested at pure water condition at Bangalore, India & Data may vary subject to field condition such as density  
 The Pump can handle up to 2.65 sp. gravity of solids & 70% by weight CW. This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure

Specifications subject to change without notice

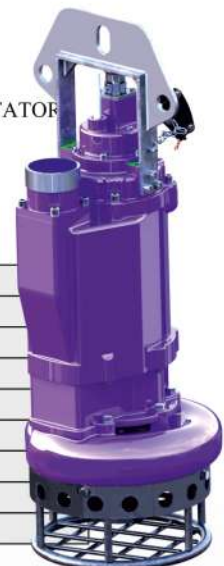
Updated: 04-09-2021

## EXPLODED OVER VIEW SLD 5.5KW/7.5HP



### TECHNICAL SPECIFICATION:

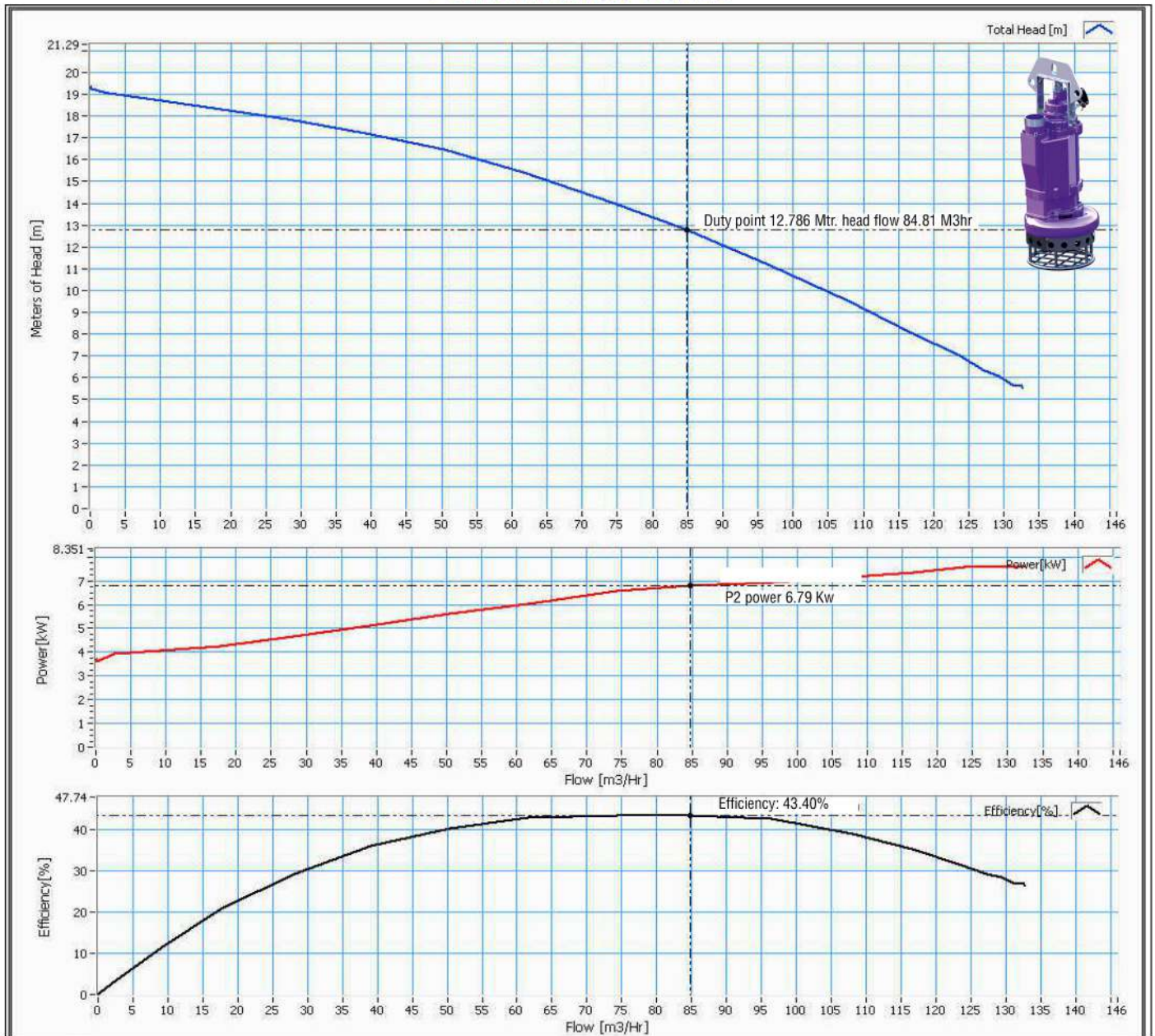
1. VOLUTE CASING	- SG500/7 \ HICR27%
2. SUCTION FLANGE DIAMETER	- $\phi$ 115mm
3. DELIVERY FLANGE DIAMETER	- $\phi$ 100mm
4. IMPELLER DIAMETER	- $\phi$ 252mm HICR27%
5. IMPELLER VANES	- 4 No'S
6. AGITATOR LENGTH	- 157.5mm
7. AGITATOR DIA.	- $\phi$ 80
8. AGITATOR VANES	- 4 No'S HICR27%
9. WEIGHT	- 180kg



# SLD 3104 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD Motor</b>	Type:	<b>Oil Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.0</b>
Number of Poles:	<b>4</b>	poles Total Head (m):	<b>20</b>
No. Of Stages:	<b>1</b>	Discharge (m3/hr):	<b>132</b>
Motor Rating (kW/HP):	<b>7.5/10</b>	Model Number:	<b>SLD - 3104</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>100.00</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24.00</b>
Maximum Current (A)	<b>14.5</b>	Water Temp (deg):	<b>21.00</b>
Rated Speed (rpm):	<b>1450</b>	Suction Pipe Size (mm):	<b>63.00</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve

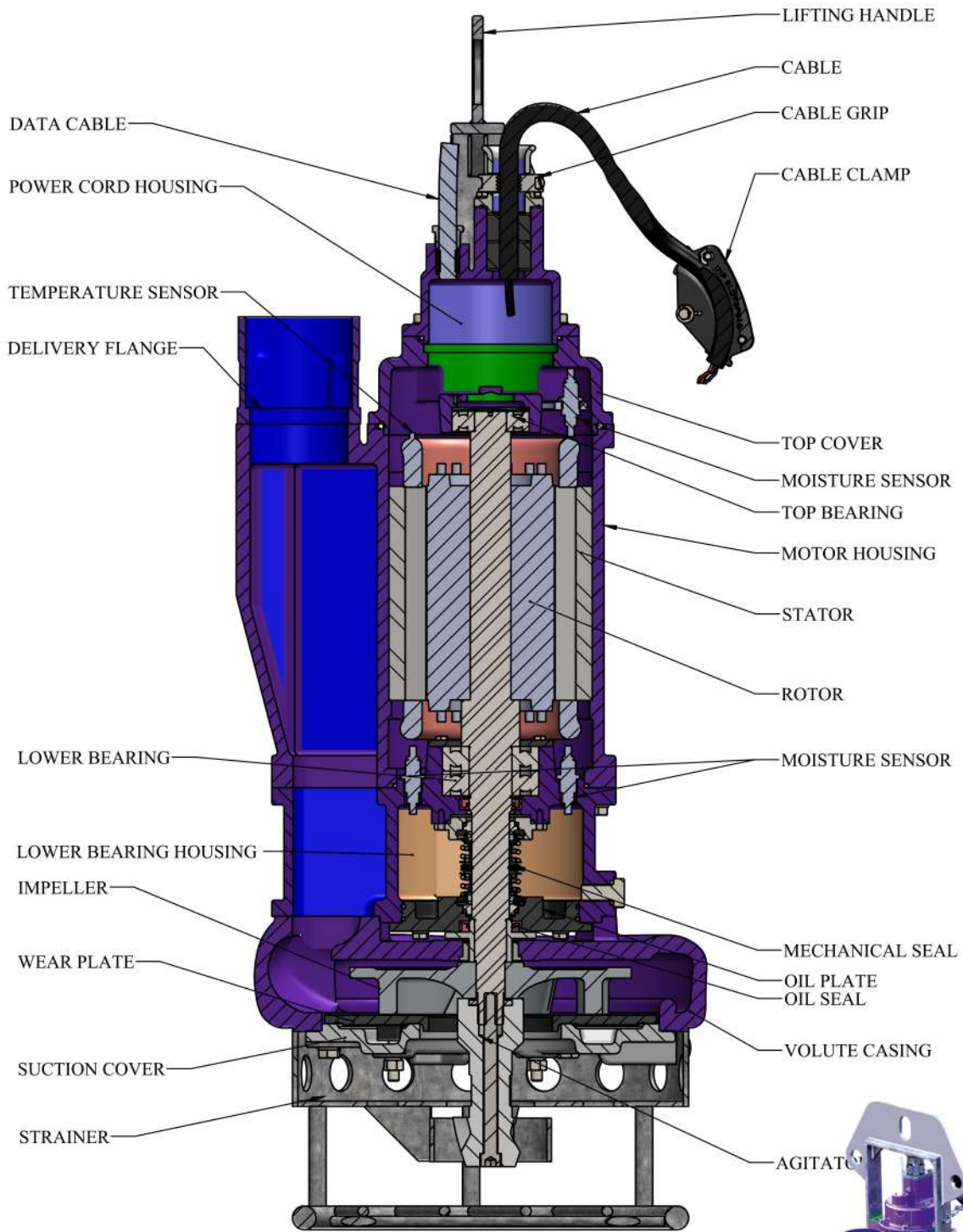


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The Pump can handle up to 2.65 sp. gravity of solids & 70% by weight CW. This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure

Specifications subject to change without notice

Updated: 04-09-2021

## EXPLODED OVER VIEW SLD 7.5KW/10HP



### TECHNICAL SPECIFICATION:

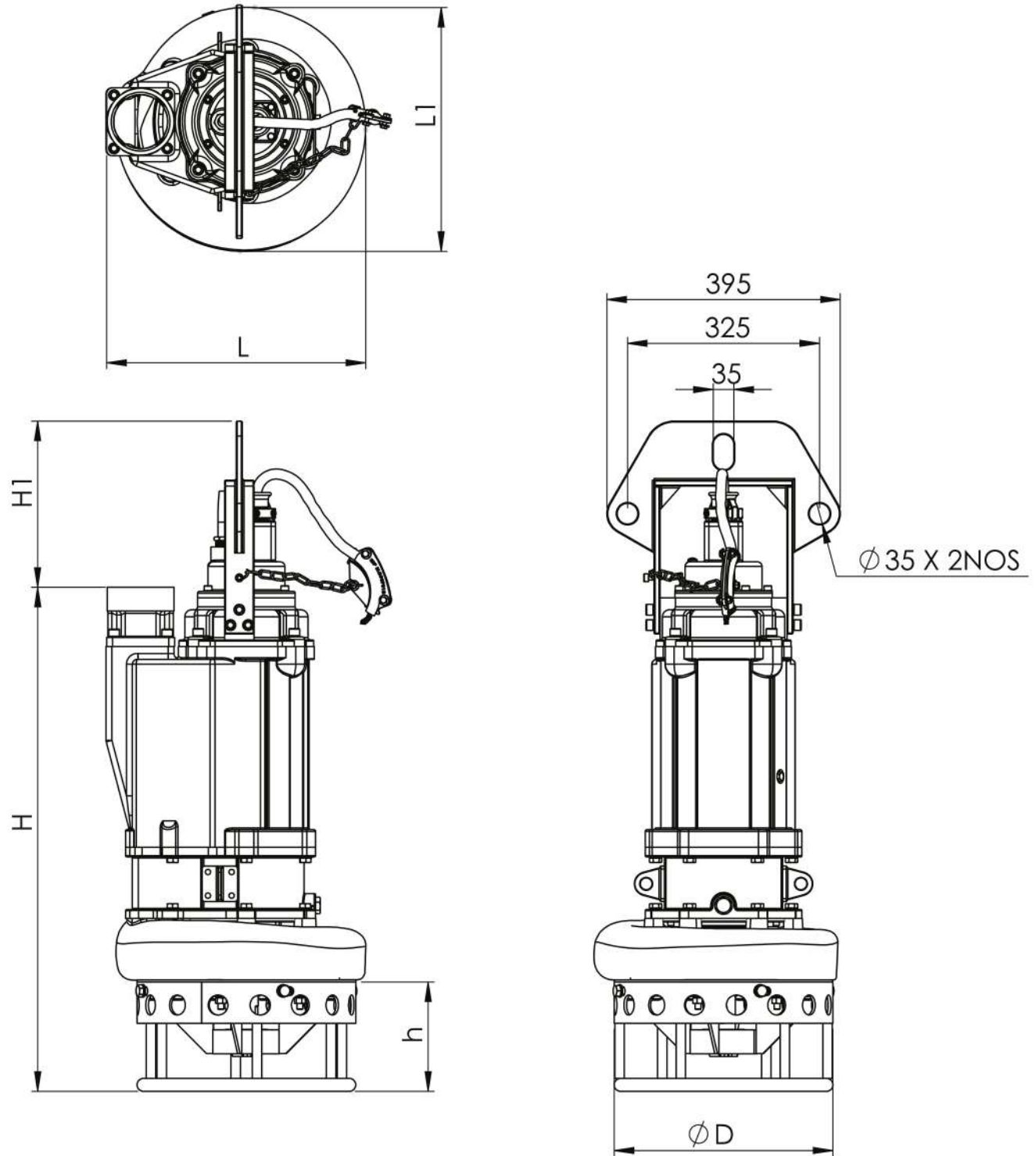
1. VOLUTE CASING	- SG500/7 \ HICR27%
2. SUCTION FLANGE DIAMETER	- $\phi$ 132mm
3. DELIVERY FLANGE DIAMETER	- $\phi$ 100mm
4. IMPELLER DIAMETER	- $\phi$ 263mm HICR27%
5. IMPELLER VANES	- 4 No'S
6. AGITATOR LENGTH	- 157.5mm
7. AGITATOR DIA.	- $\phi$ 80
8. AGITATOR VANES	- 4 No'S HICR27%





## MECHANICAL DIMENSIONS :

SLD-SLUDGE,SLURRY SUBMERSIBLE PUMP - 4 POLES - SLD 7.5KW/10HP



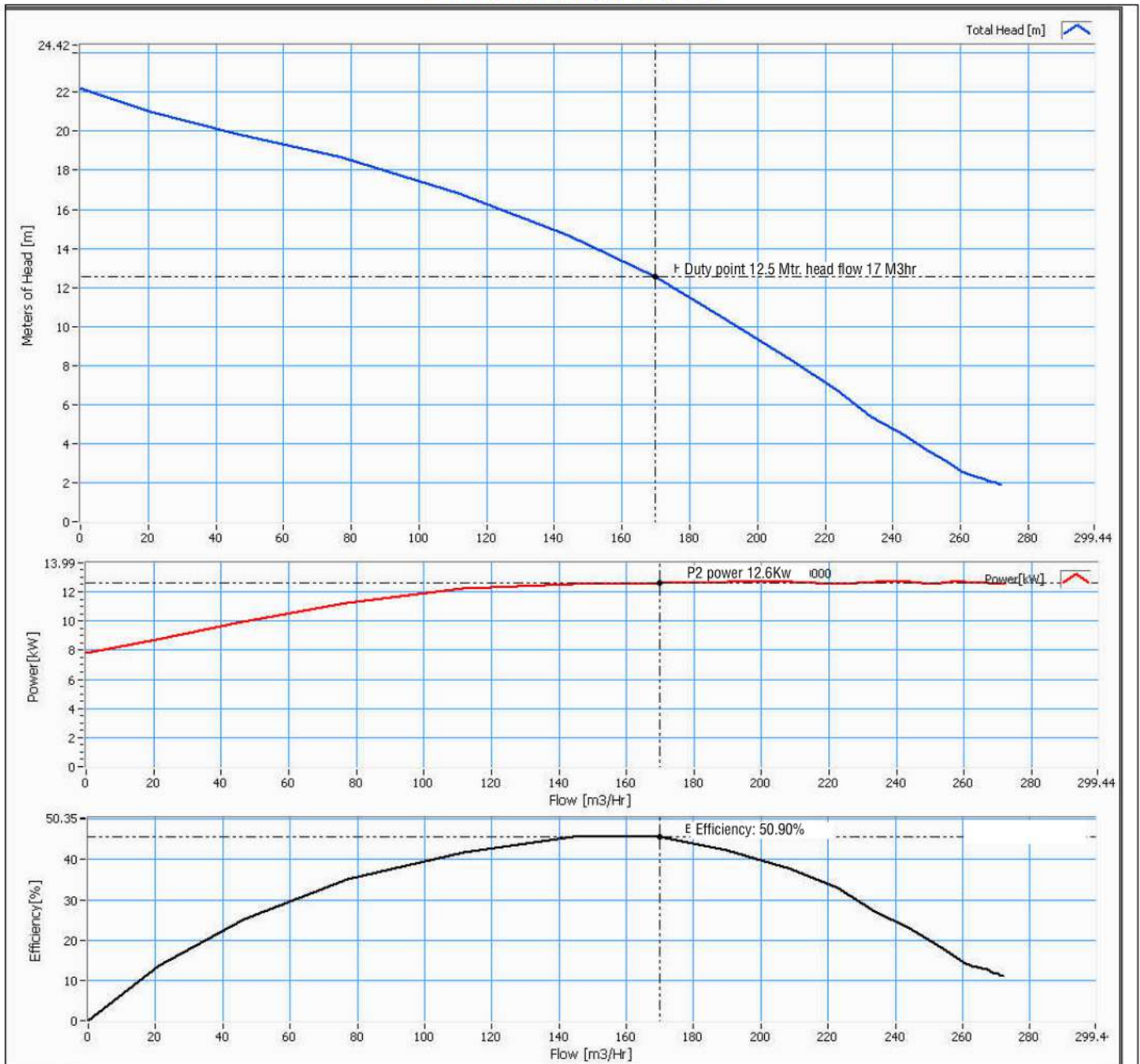
DIMENSIONS (mm)

H	H1	h	D	L	L1	L2
865	280	185	370	440	425	180

# SLD 3156 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD</b>	Motor Type:	<b>Water Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.6</b>
Number of Poles:	<b>4 poles</b>	Total Head (m):	<b>22.4</b>
No. Of Stages:	<b>Discharge</b>	(m3/hr):	<b>272</b>
Motor Rating (kW/HP):	<b>11/15</b>	Model Number:	<b>SLD - 3156</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>200</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24</b>
Maximum Current (A)	<b>23</b>	Water Temp (deg):	<b>21</b>
Rated Speed (rpm):	<b>1440</b>	Suction Pipe Size (mm):	<b>150mm</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve



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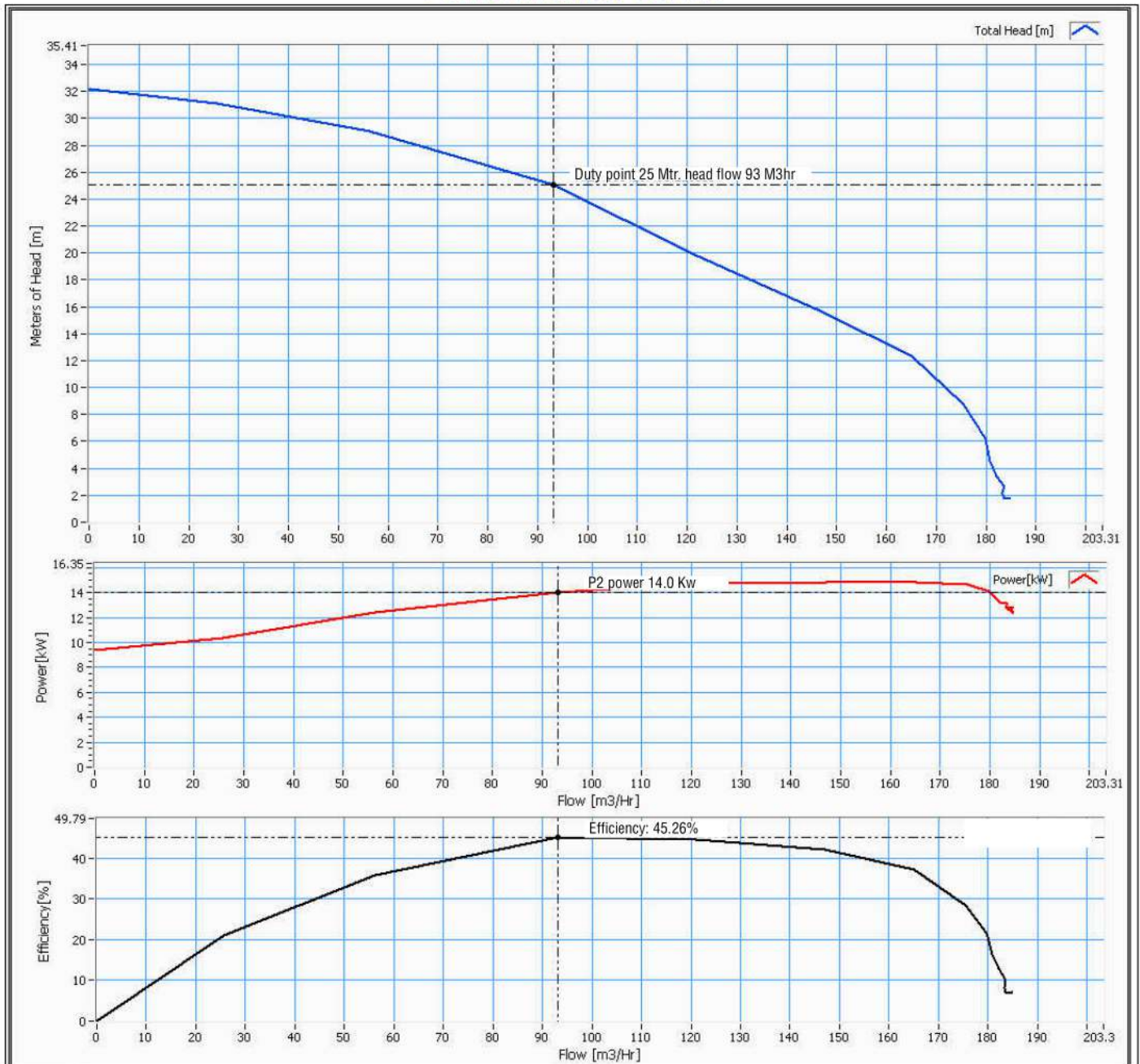
Specifications subject to change without notice

Updated: 04-09-2021

# SLD 3206 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD</b>	Motor Type:	<b>Water Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.6</b>
Number of Poles:	<b>4 poles</b>	Total Head (m):	<b>32</b>
No. Of Stages:	<b>1</b>	Discharge (m3/hr):	<b>185</b>
Motor Rating (kW/HP):	<b>15/20</b>	Model Number:	<b>SLD - 3206</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>200.00</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24.00</b>
Maximum Current (A)	<b>29</b>	Water Temp (deg):	<b>21.00</b>
Rated Speed (rpm):	<b>1440</b>	Suction Pipe Size (mm):	<b>63.00</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve



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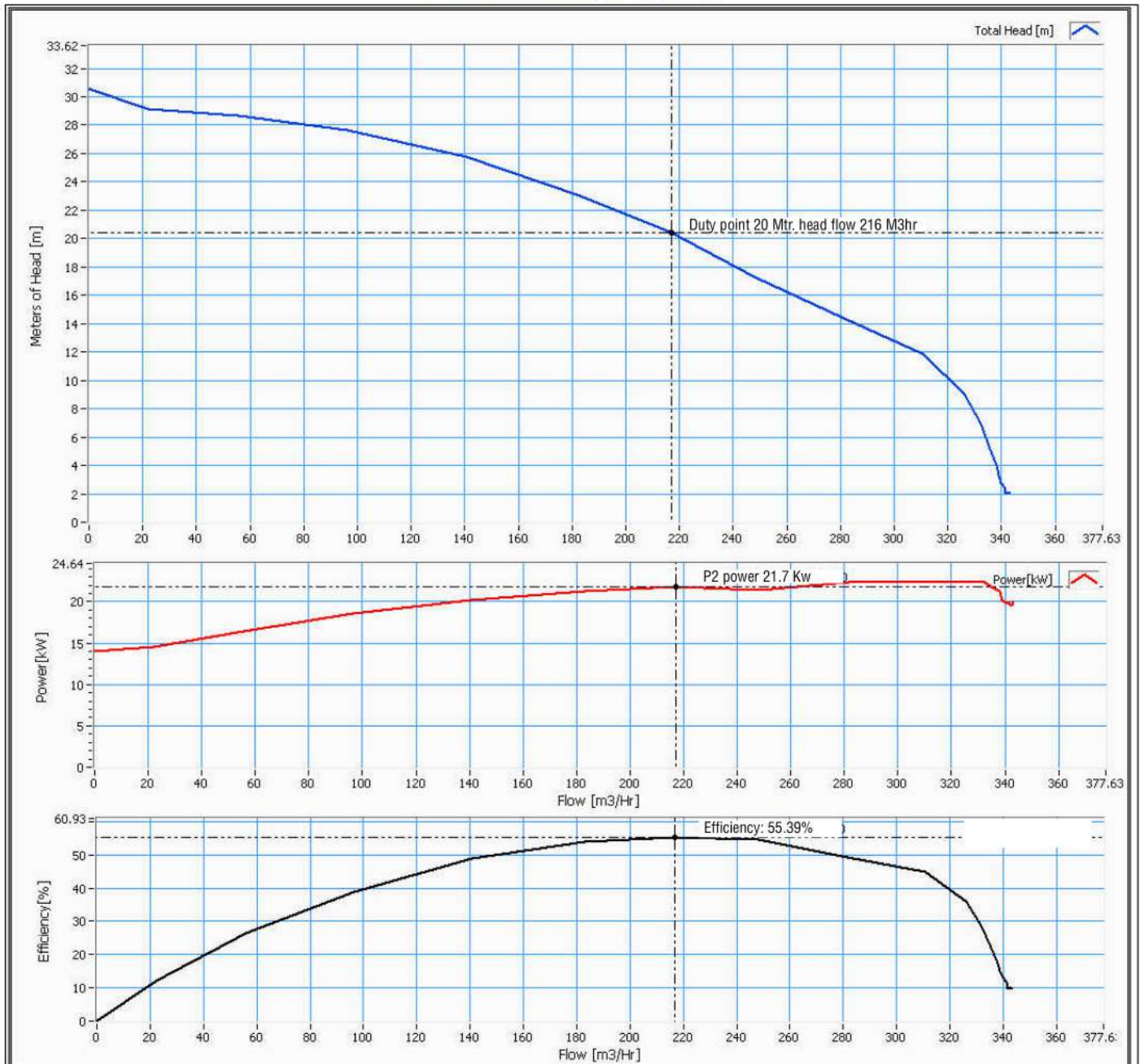
Specifications subject to change without notice

Updated: 04-09-2021

# SLD 3306 SLURRY SUBMERSIBLE PUMP

Pump Type:	<b>SLD</b>	Motor Type:	<b>Water Cooled</b>
Pump Sl.No:		Correction Head:	<b>1.6</b>
Number of Poles:	<b>4 poles</b>	Total Head (m):	<b>30.5</b>
No. Of Stages:	<b>1</b>	Discharge (m3/hr):	<b>343</b>
Motor Rating (kW/HP):	<b>22/30</b>	Model Number:	<b>SLD - 3306</b>
Motor Sl. No:		Connection Type:	<b>DOL</b>
Voltage (V):	<b>415</b>	Delivery Size (mm):	<b>200.00</b>
Phase:	<b>3 Phase</b>	Outside Temp (deg):	<b>24.00</b>
Maximum Current (A)	<b>45</b>	Water Temp (deg):	<b>21.00</b>
Rated Speed (rpm):	<b>1440</b>	Suction Pipe Size (mm):	<b>63.00</b>
Frequency (Hz):	<b>50 Hz</b>	Customer Info:	

## Performance Curve



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 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

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