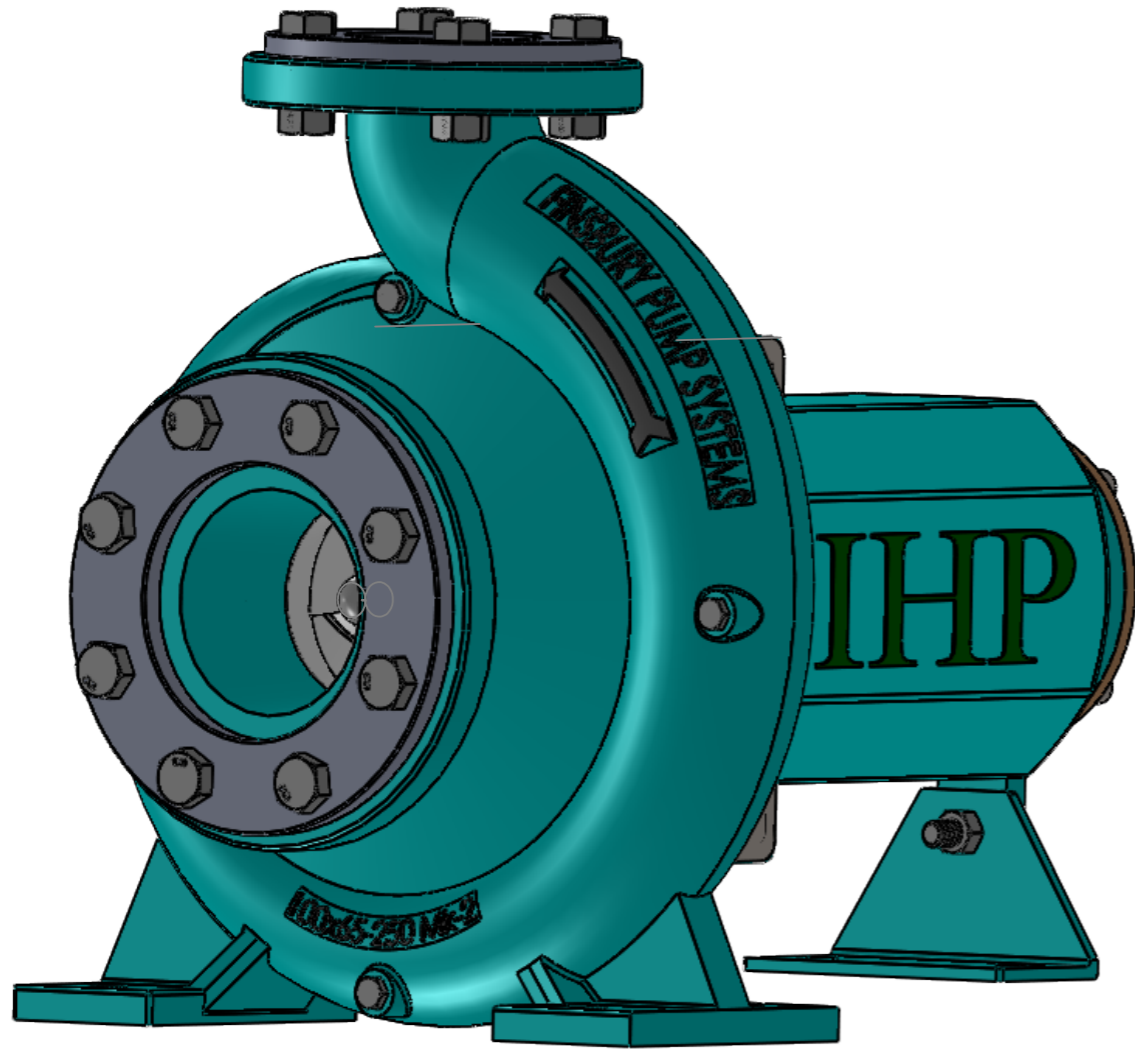


THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858




PUMPS : **Model** : 100 X65-250-A
Casing : Cast Iron -16 bar pressure rating
Impeller : Cast iron
Shaft : 431 stainless steel with water slinger
Mechanical seal : Carbon ceramic
Bearings : Fully sealed heavy duty roller bearings

PUMP DUTY: **Maximum head** : 110m
Maximum flow :48.9L/sec
Maximum shaft power :74kw at maximum flow
Maximum speed : 3000rpm

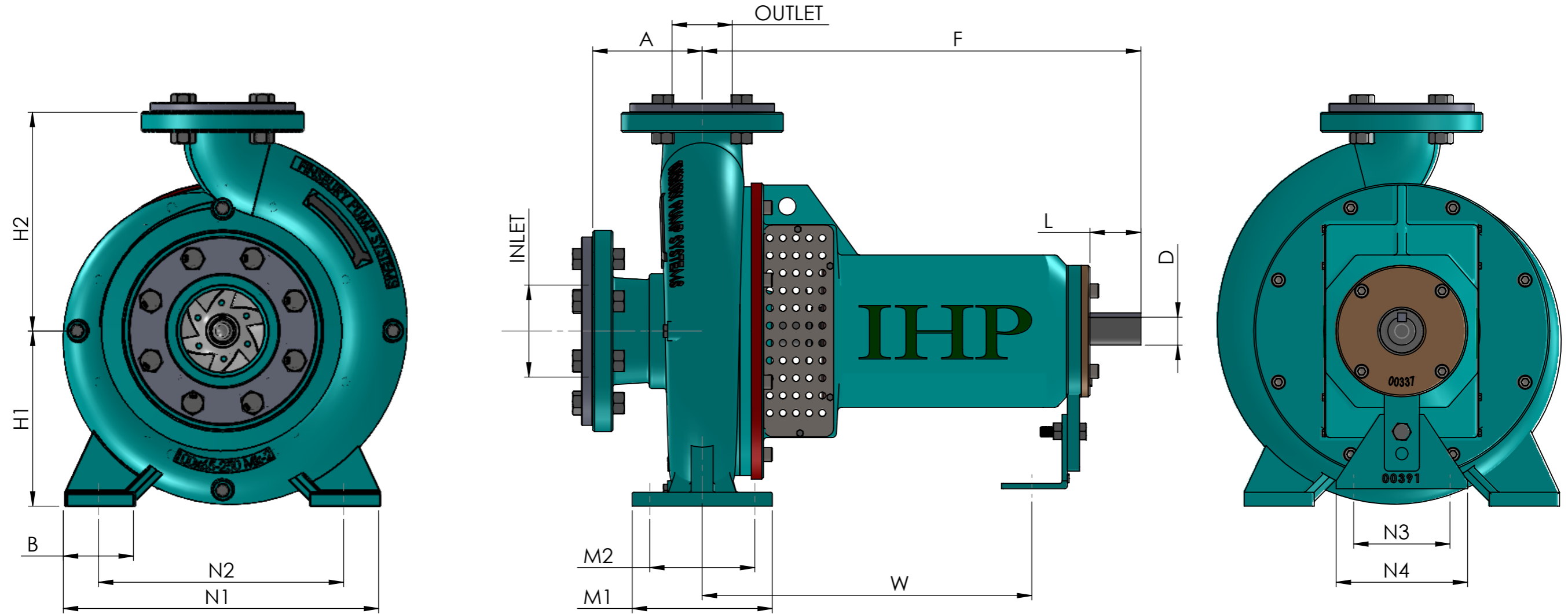
GENERAL : **Maximum ambient temperature** :+60°c
Maximum fluid temperature :+80°c
Maximum casing pressure :16 bar
Fluids must be clean and free from abrasive particals

Performance curves : The performance cureves are based on a kinematic viscosity value of 1mm²/s and a density of 1000kg/m³ at 15° c

Wear rings : Bronze wear rings can be fitted to impeller and casings.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 1/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
						TITLE: END SUCTION PUMPS 100 x 65-250			
DRAWN V LOKESH		SIGNATURE		DATE		DWG NO.		A3	
CHK'D ARVIND				26/06/18		515- BOM			
APPV'D ARVIND				26/06/18		SCALE:1:1		SHEET 1 OF 4	
MFG						WEIGHT: 98KG			
Q.A									

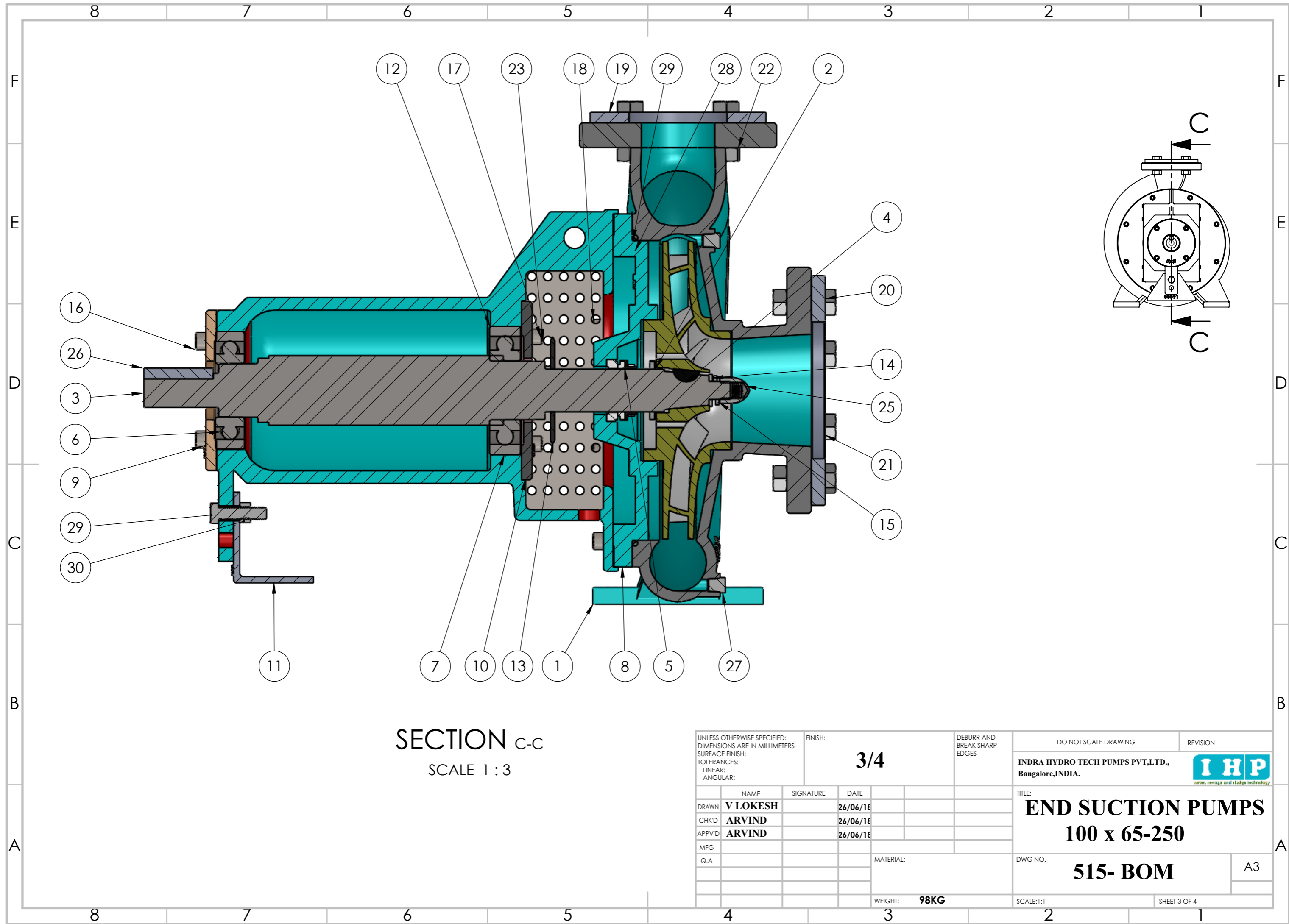
THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858



Inlet size :		100mm	Mounting:	B	80MM
Outlet size :		65mm		M1	160MM
Impeller size:		222 to 78mm		M2	120MM
		278mm is standard		N1	360MM
Pump:	A	125MM		N2	280MM
	F	500MM		N3	110MM
	H1	200MM		N4	150MM
	H2	250MM		W	376.4MM
Bolt holes:	S1	M12	Shaft end:	D	32MM
	S2	M12		L	58MM

NOTE : 1- SUCTION AND DELIVERY FLANGE LENGTH IS NOT ADDED
2-THESE ARE ISO 2858 STANDARD BARE SHAFT CENTRIFUGAL PUMP DIMENSIONS.

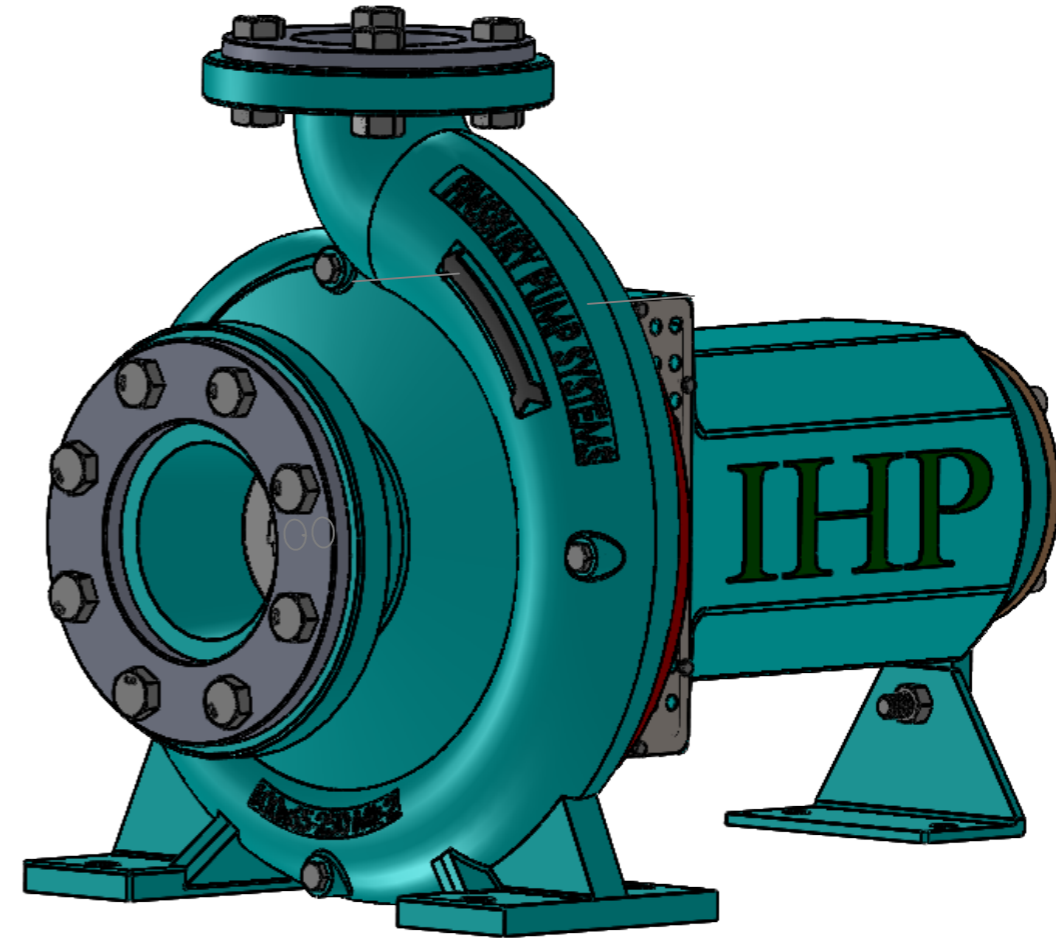
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 2/4	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH		SIGNATURE	DATE 26/06/18	INDRA HYDRO TECH PUMPS PVT.LTD., Bangalore,INDIA. IHP <small>water, sewage and sludge technology</small>	
CHK'D ARVIND		DATE 26/06/18	TITLE: END SUCTION PUMPS 100 x 65-250		
APPV'D ARVIND		DATE 26/06/18	DWG NO. 515- BOM		
MFG		MATERIAL:		A3	
Q.A		WEIGHT: 98KG		SCALE:1:1	
				SHEET 2 OF 4	




SECTION C-C
SCALE 1 : 3

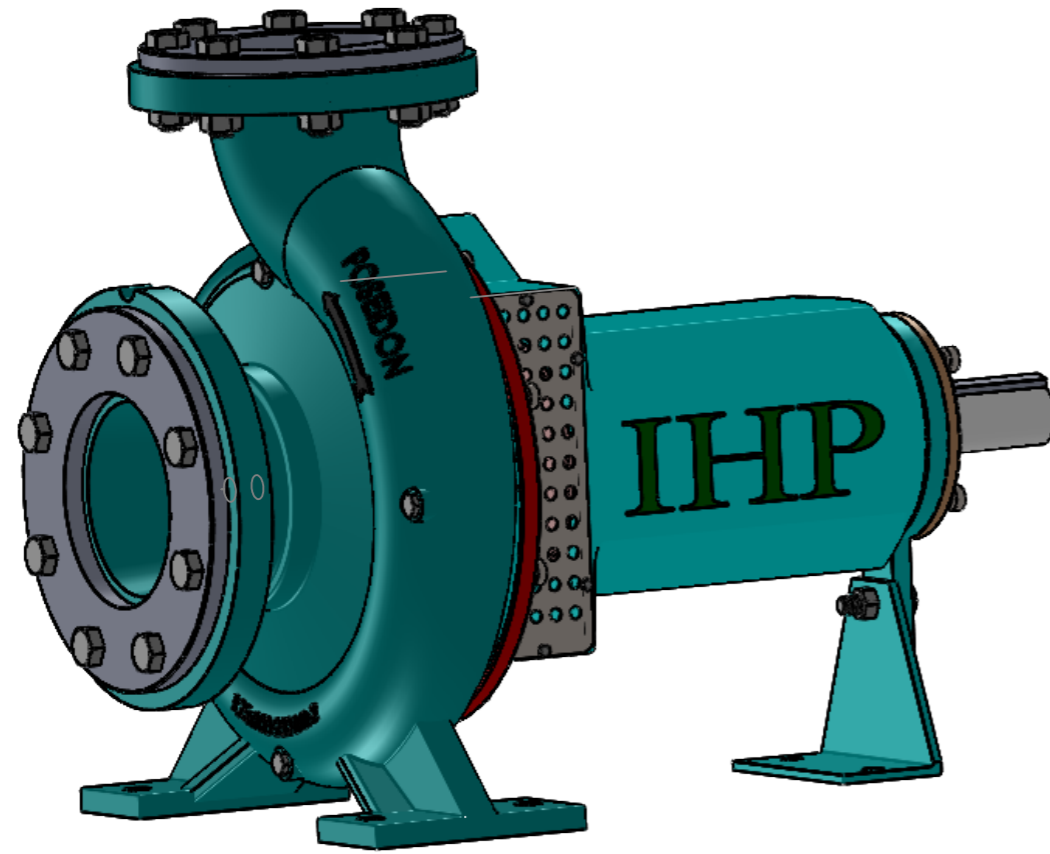
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 3/4	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH		SIGNATURE	DATE 26/06/18	INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA. IHP <small>www.ihp.com</small>	
CHK'D ARVIND			DATE 26/06/18	TITLE: END SUCTION PUMPS	
APPV'D ARVIND			DATE 26/06/18	100 x 65-250	
MFG				DWG NO.	515- BOM
Q.A			MATERIAL:	SCALE:1:1	A3
			WEIGHT: 98KG	SHEET 3 OF 4	

ITEM NO.	PART NO	DESCRIPTION	QTY.
1	015	015 100X65-250 CASING-1.	1
2	115	115 100X65-250 IMPELLER WITH INCREASE PDISTANCE	1
3	310	310 SHAFT	1
4	808	808 WOODRUFF KEY	1
5		40mm MECHANICAL SEAL	1
6	6310	BEARING 6310 - OD110 X ID50	1
7	6311	BEARING 6311 - OD120 X ID55	1
8	057	BACK PLATE 00057	1
9	052	END PLATE FOR BEARING HOUSING 00052	1
10	052	FRONT PLATE FOR BEARING HOUSING 52	1
11	0391	L FEET 00391	1
12	052	BEARING HOUSING 00052 - 2016-2	1
13		WATER SLINGER DIA 40MM	1
14		PLAIN WASHER M16	1
15		SPRING WASHER M16	1
16		STUD BOLT M10 X 1.5 X 30	4
17		STUD BOLT M10 X 40 MM	4
18		STUD BOLT M10 X 1.5 X 40	8
19		FLANGE PCD 127MM-160	1
20		FLANGE PCD 178MM. -250	1
21		HEX BOLT M16	12
22		HEX NUT M16	12
23		SAFETY COVER 250 S	2
24		HEX BOLT M 4 X 10 MM	8
25		DOME NUT M16	1
26		KEY 10X 10 X 65-200	1
27		BSP QUATER INCH	4
28		ORING ID 280MM	1
29		HEX BOLT M12 X 45 MM	1
30		HEX NUT M12	1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 4/4	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH		SIGNATURE	DATE 26/06/18	INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA. 	
CHK'D ARVIND			DATE 26/06/18	TITLE: END SUCTION PUMPS 100 x 65-250	
APPV'D ARVIND			DATE 26/06/18	DWG NO. 515- BOM	
MFG				SCALE:1:1	
Q.A			MATERIAL:	SHEET 4 OF 4	
			WEIGHT: 98KG	A3	

THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858



PUMPS : **Model** : **125 X 100-250-A**
Casing : **Cast Iron -16 bar pressure rating**
Impeller : **cast iron**
Shaft : **431 stainless steel with water slinger**
Mechanical seal : **Carbon ceramic**
Bearings : **Fully sealed heavy duty roller bearings**


PUMP DUTY: **Maximum head** : **108m**
Maximum flow : **94L/sec**
Maximum shaft power : **109kw at miximum flow**
Maximum speed : **3000rpm**

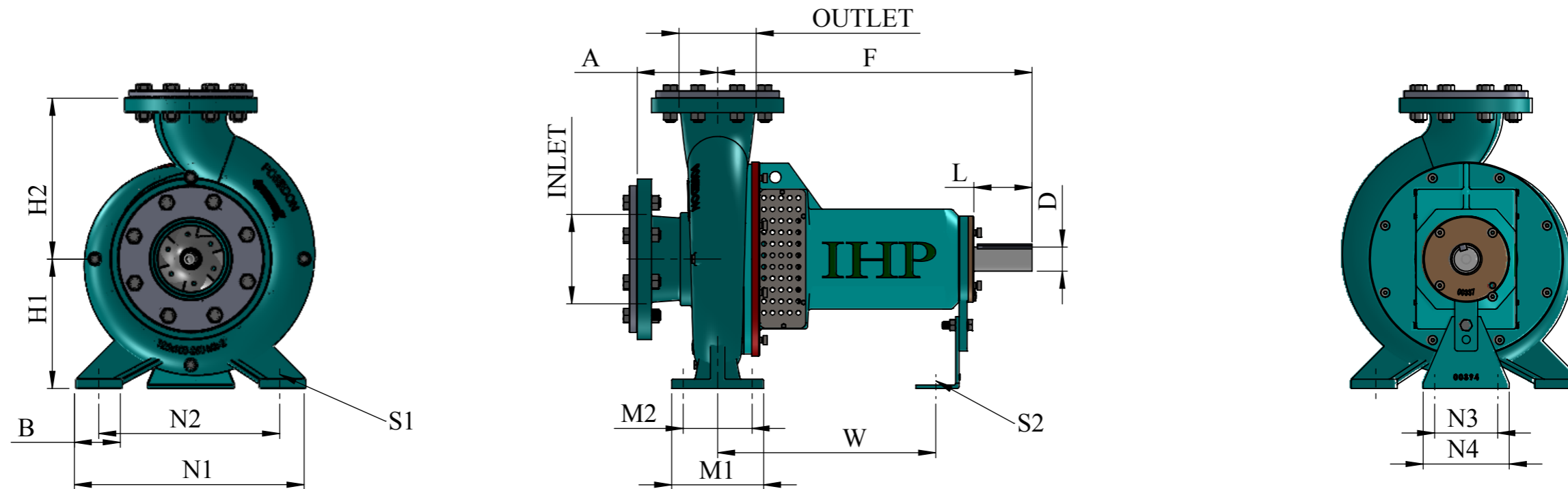
GENERAL : **Maximum ambient temperature** : **+60 °c**
Maximum fluid temperature : **+80 °c**
Maximum casing pressure : **16 bar**
Fluids must be clean and free from abrasive particals

Performance curves : **The performance cureves are based on a kinematic viscosity value of 1mm2/s and a density of 1000kg/m3 at 15 ° c**

Wear rings : **Bronze wear rings can be fitted to impeller and casings.**

ALL DIMENSION ARE IN MM

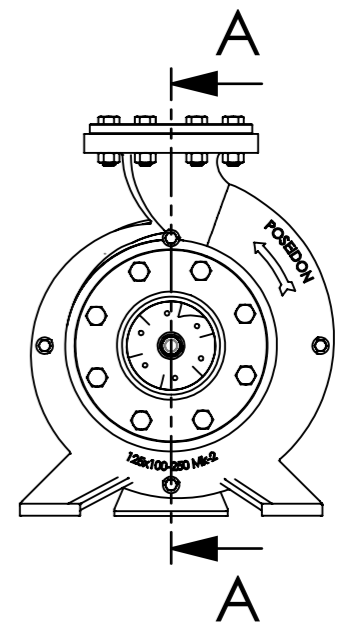
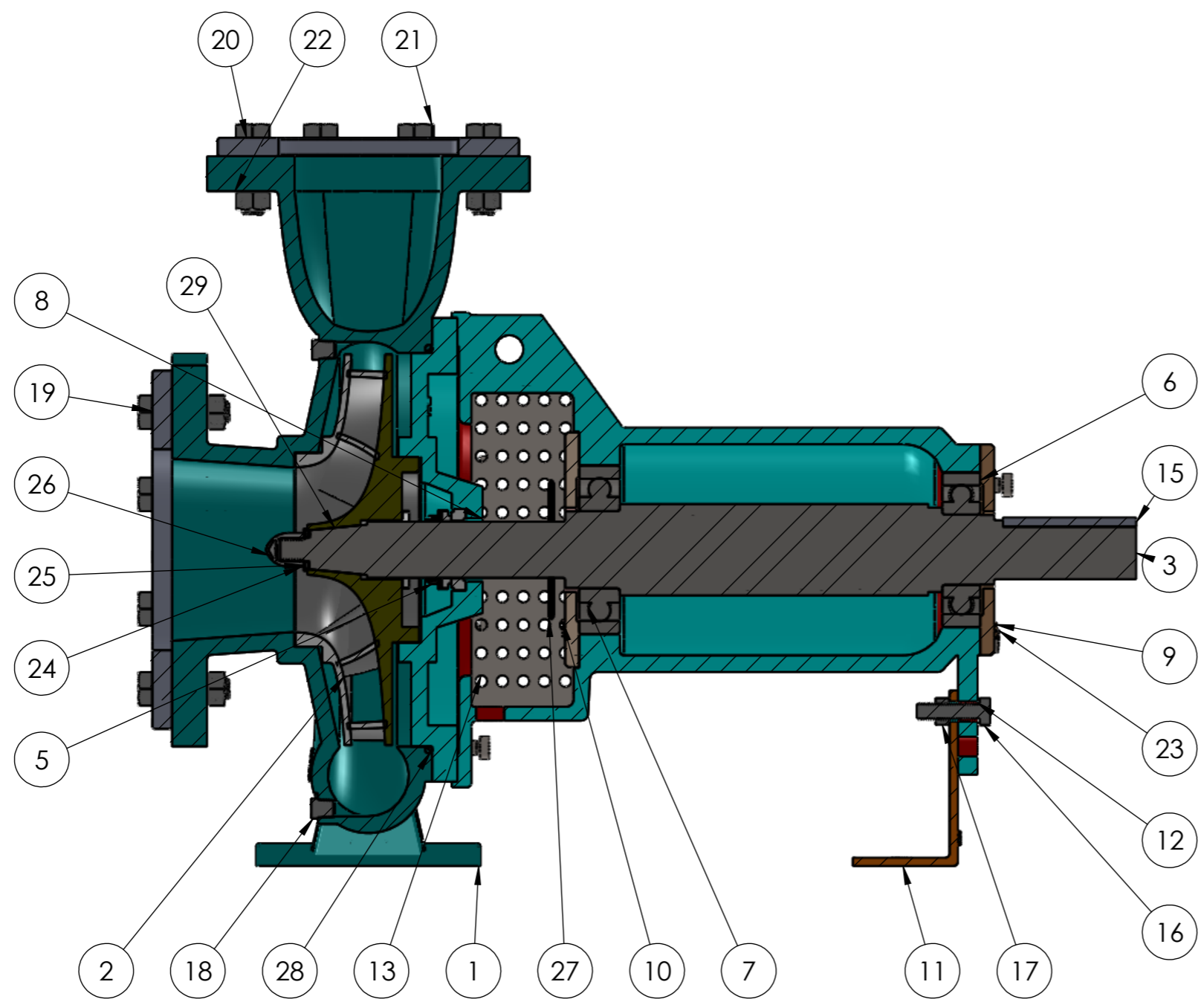
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						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
						TITLE: END SUCTION PUMPS 125 X 100-250			
DRAWN V LOKESH		SIGNATURE		DATE		DWG NO.		A3	
CHK'D ARVIND				21/05/18		516- BOM			
APPV'D ARVIND				21/05/18		SCALE:1:1		SHEET 1 OF 4	
MFG						WEIGHT:			
Q.A									



Inlet size :		125mm	Mounting:	B	80MM
Outlet size :		100mm		M1	160MM
Impeller size:		222 to 78mm 278mm is standard		M2	120MM
Pump:	A	140MM		N1	400MM
	F	547.5MM		N2	315MM
	H1	225MM		N3	110MM
	H2	280MM		N4	150MM
Bolt holes:	S1	M16	Shaft end:	D	42MM
	S2	M12		L	101MM


NOTE : 1- SUCTION AND DELIVERY FLANGE LENGTH IS NOT ADDED
 2-THESE ARE ISO 2856 STANDARD BARE SHAFT CENTRIFUGAL PUMP DIMENSIONS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 2/4		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.	
						TITLE: END SUCTION PUMPS 125 X 100-250	
						DWG NO. 516- BOM	
						SCALE:1:1	
						SHEET 2 OF 4	
NAME	SIGNATURE	DATE					
DRAWN V LOKESH		21/05/18					
CHK'D ARVIND		21/05/18					
APPV'D ARVIND		21/05/18					
MFG							
Q.A			MATERIAL:				
						WEIGHT:	
						A3	

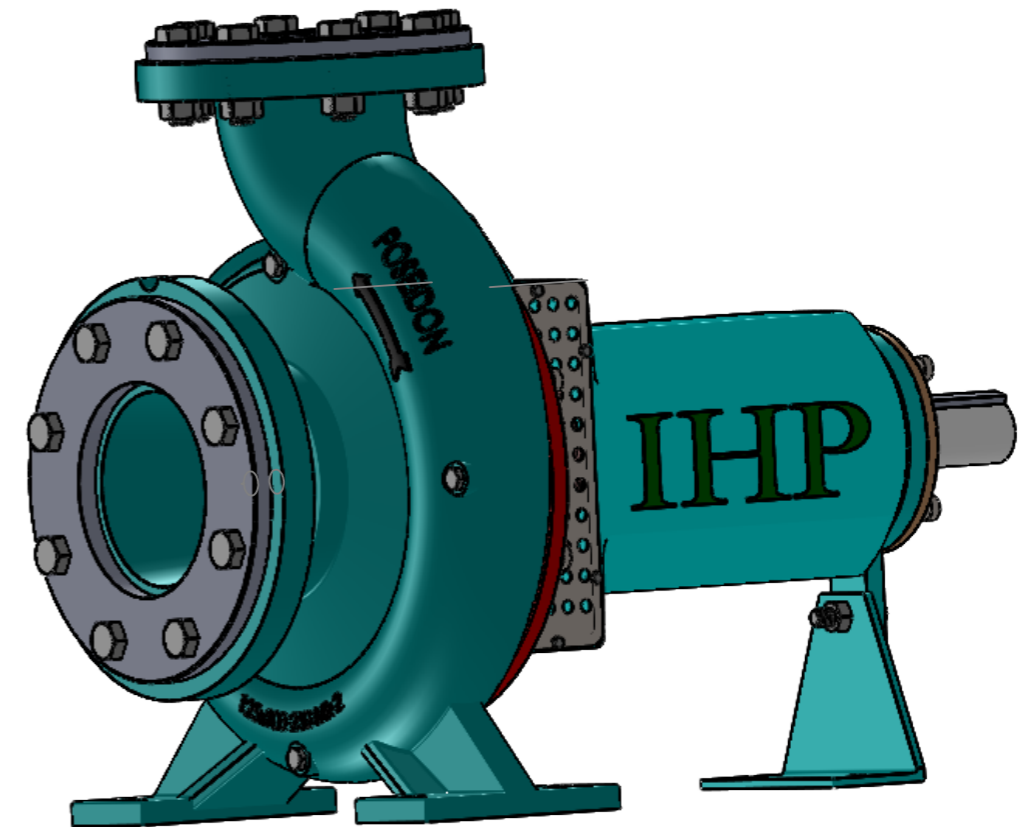



SECTION A-A

SCALE 1 : 4

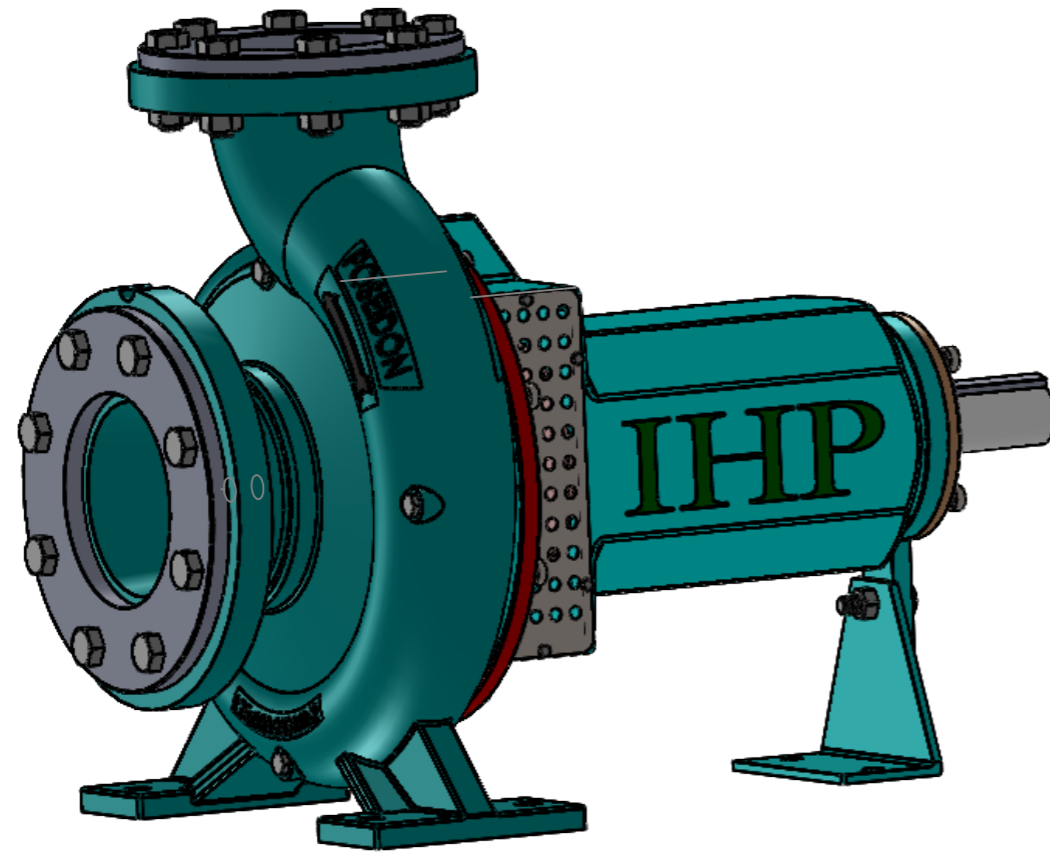
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 3/4	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH			DATE 21/05/18	INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA. 	
CHK'D ARVIND			DATE 21/05/18	TITLE: END SUCTION PUMPS 125 X 100-250	
APPV'D ARVIND			DATE 21/05/18	DWG NO. 516- BOM	
MFG			MATERIAL:	SCALE:1:1	
Q.A			WEIGHT:	SHEET 3 OF 4	
				A3	

ITEM NO.	PART NO	DESCRIPTION	QTY.
1	016	016 125X100-250 CASING	1
2	116	116 125X100-250 IMPELLER	1
3	312	312 SHAFT	1
4	808	808 WOODRUFF KEY	1
5		40mm MECHANICAL SEAL	1
6	6310	BEARING 6310 - OD110 X ID50	1
7	6311	BEARING 6311 - OD120 X ID55	1
8	57	BACK PLATE 00057	1
9	52	END PLATE FOR BEARING HOUSING 00052	1
10	52	FRONT PLATE FOR BEARING HOUSING 52	1
11	394	L FEET 00394	1
12	52	BEARING HOUSING 00052 - 2016-2	1
13		SAFETY COVER 250	2
14		HEX BOLT M4 X8	8
15		KEY 12 X 10 X 95-250	1
16		HEX BOLT M12 X 45	1
17		90592A028	1
18		BSP QUATER INCH	4
19		FLANGE PCD 213MM-250	1
20		FLANGE PCD 178MM. -250	1
21		HEX BOLT M16 X 55	16
22		HEX NUT M16	15
23		ALLEN BOLT M10 X 16	12
24		PLAIN WASHER M16	1
25		SPLIT LOCK M16	1
26		DOME NUT M16	1
27		WATER SLINGER DIA 40MM	1
28	BS 379	ORING ID280 MM	1
29	808	WOOD ROOF KEY	1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 4/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
							INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
							TITLE: END SUCTION PUMPS 125 X 100-250			
DRAWN V LOKESH			SIGNATURE		DATE		DWG NO.		A3	
CHK'D ARVIND					21/05/18		516- BOM			
APPVD ARVIND					21/05/18		SCALE:1:1		SHEET 4 OF 4	
MFG							WEIGHT:			
Q.A										

THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858



PUMPS : **Model** : **125 X 100-250-A**
Casing : **Cast Iron -16 bar pressure rating**
Impeller : **cast iron**
Shaft : **431 stainless steel with water slinger**
Mechanical seal : **Carbon ceramic**
Bearings : **Fully sealed heavy duty roller bearings**


PUMP DUTY: **Maximum head** : **108m**
Maximum flow : **94L/sec**
Maximum shaft power : **103kw at miximum flow**
Maximum speed : **3000rpm**

GENERAL : **Maximum ambient temperature** : **+60 °c**
Maximum fluid temperature : **+80 °c**
Maximum casing pressure : **16 bar**
Fluids must be clean and free from abrasive particals

Performance curves : **The performance cureves are based on a kinematic viscosity value of 1mm2/s and a density of 1000kg/m3 at 15 ° c**

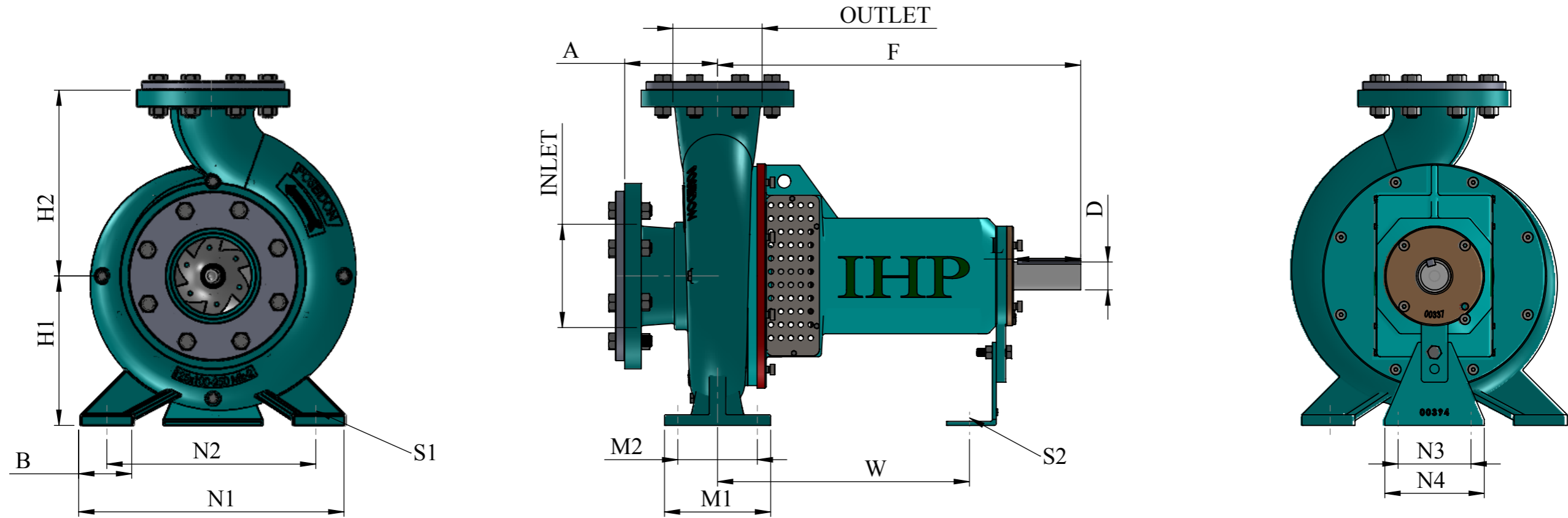
Wear rings : **Bronze wear rings can be fitted to impeller and casings.**

ALL DIMENSION ARE IN MM

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 1/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
						TITLE: END SUCTION PUMPS 125 X 100-250			
						DWG NO. 516- BOM		A3	
				WEIGHT:		SCALE:1:1		SHEET 1 OF 4	

	NAME	SIGNATURE	DATE
DRAWN	V LOKESH		21/05/18
CHK'D	ARVIND		21/05/18
APPV'D	ARVIND		21/05/18
MFG			
Q.A			

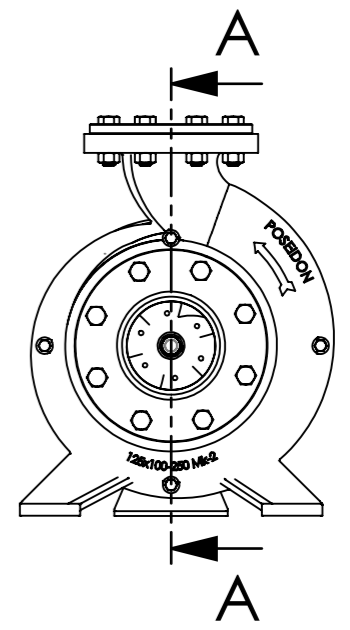
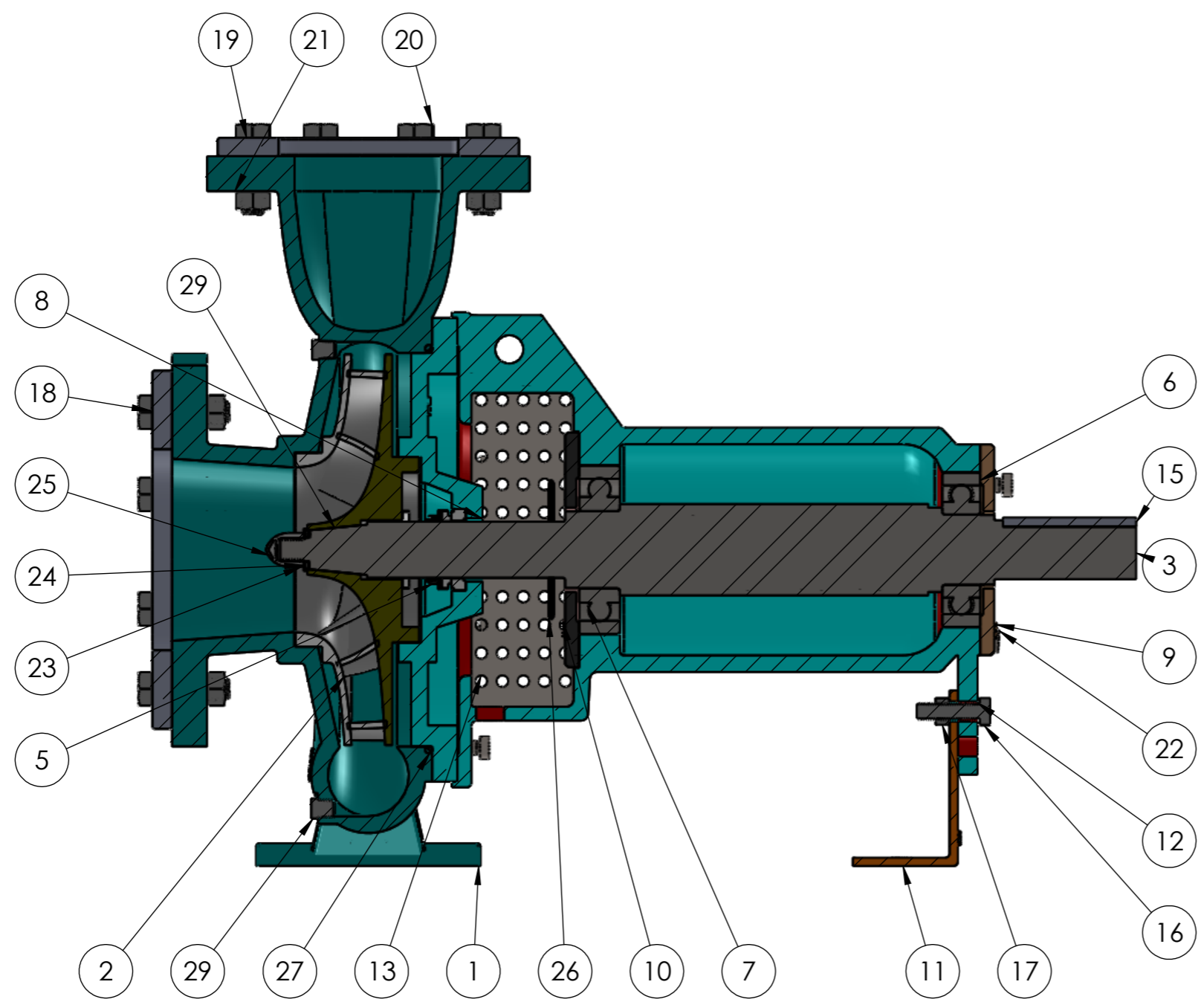
THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858



Inlet size :		125mm	Mounting:	B	80MM
Outlet size :		100mm		M1	160MM
Impeller size:		222 to 78mm 278mm is standard		M2	120MM
				N1	400MM
Pump:	A	140MM		N2	315MM
	F	547.5MM		N3	110MM
	H1	225MM		N4	150MM
	H2	280MM		W	380MM
Bolt holes:	S1	M16	Shaft end:	D	42MM
	S2	M12		L	101MM


NOTE : 1- SUCTION AND DELIVERY FLANGE LENGTH IS NOT ADDED
2-THESE ARE ISO 2856 STANDARD BARE SHAFT CENTRIFUGAL PUMP DIMENSIONS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 2/4		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH			SIGNATURE		DATE	INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.	
CHK'D ARVIND					21/05/18	TITLE: END SUCTION PUMPS 125 X 100-250	
APPV'D ARVIND					21/05/18	DWG NO. 516- BOM	
MFG						A3	
Q.A					MATERIAL:	SCALE:1:1	
					WEIGHT:	SHEET 2 OF 4	



SECTION A-A

SCALE 1 : 4

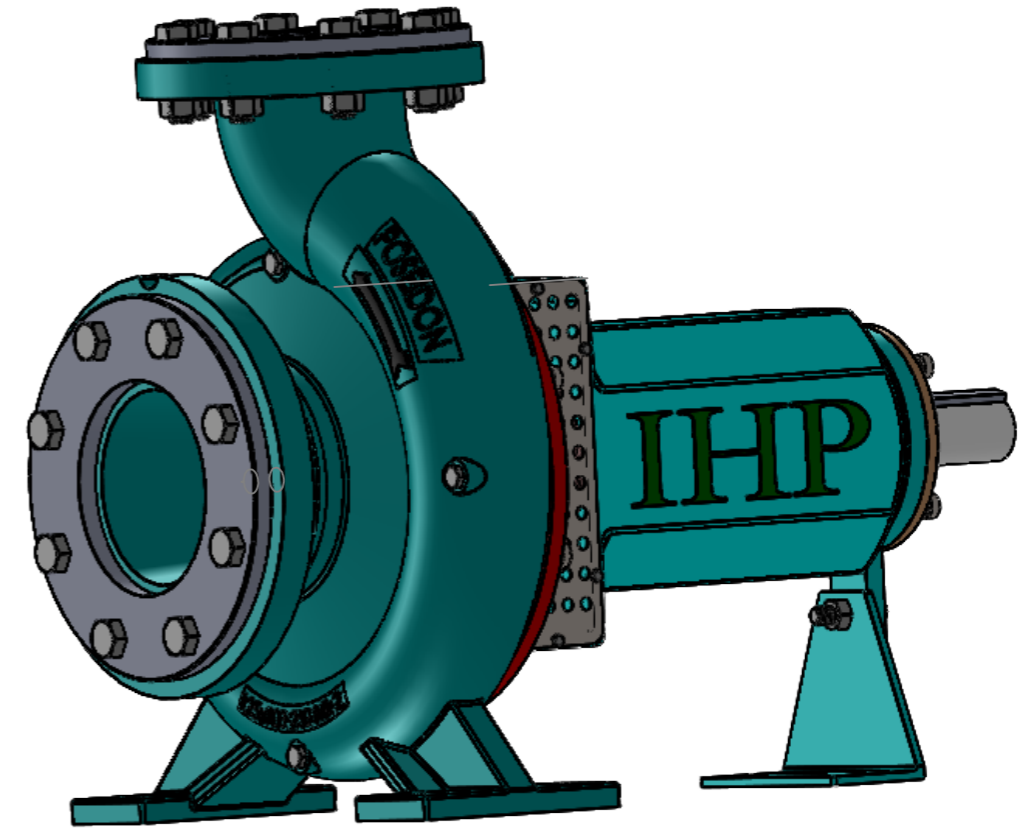
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 3/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
							INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.				
							TITLE: END SUCTION PUMPS 125 X 100-250				
							DWG NO. 516- BOM		A3		
							SCALE:1:1		SHEET 3 OF 4		


NAME	SIGNATURE	DATE
DRAWN V LOKESH		21/05/18
CHK'D ARVIND		21/05/18
APPV'D ARVIND		21/05/18
MFG		
Q.A		

MATERIAL:

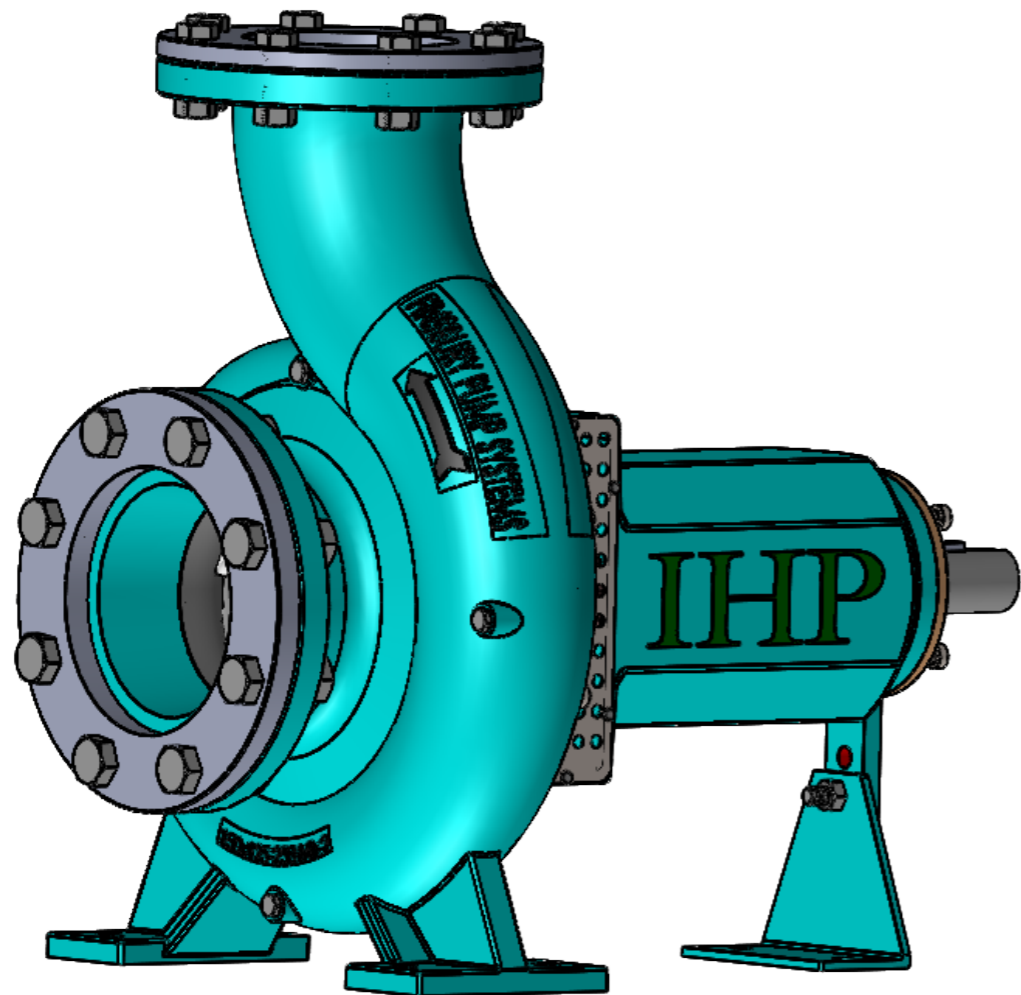
WEIGHT:

ITEM NO.	PART NO	DESCRIPTION	QTY.
1	016	016 125X100-250 CASING	1
2	116	116 125X100-250 IMPELLER	1
3	312	312 SHAFT	1
4	808	808 WOODRUFF KEY	1
5		40mm MECHANICAL SEAL	1
6	6310	BEARING 6310 - OD110 X ID50	1
7	6311	BEARING 6311 - OD120 X ID55	1
8	57	BACK PLATE 00057	1
9	52	END PLATE FOR BEARING HOUSING 00052	1
10	52	FRONT PLATE FOR BEARING HOUSING 52	1
11	394	L FEET 00394	1
12	52	BEARING HOUSING 00052 - 2016-2	1
13		SAFETY COVER 250	2
14		HEX BOLT M4 X8	8
15		KEY 12 X 10 X 95-250	1
16		HEX BOLT M12 X 45	1
17		90592A028	1
18		FLANGE PCD 213MM-250	1
19		FLANGE PCD 178MM. -250	1
20		HEX BOLT M16 X 55	16
21		HEX NUT M16	15
22		ALLEN BOLT M10 X 16	12
23		PLAIN WASHER M16	1
24		SPLIT LOCK M16	1
25		DOME NUT M16	1
26		WATER SLINGER DIA 40MM	1
27	BS 379	ORING ID280 MM	1
28	808	WOOD ROOF KEY	1
29		BSP QUATER INCH	4



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 4/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN V LOKESH			SIGNATURE		DATE		INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
CHK'D ARVIND					21/05/18		TITLE:		END SUCTION PUMPS 125 X 100-250	
APPV'D ARVIND					21/05/18		DWG NO.		516- BOM	
MFG							SCALE:1:1		SHEET 4 OF 4	
Q.A							WEIGHT:		A3	

THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858




PUMPS : **Model** :150 X 125-250-A
Casing : Cast Iron -16 bar pressure rating
Impeller : cast iron
Shaft : 431 stainless steel with water slinger
Mechanical seal : Carbon ceramic
Bearings : Fully sealed heavy duty roller bearings

PUMP DUTY: **Maximum head** : 78m
Maximum flow :94L/sec
Maximum shaft power :88kw at miximum flow
Maximum speed : 2600rpm

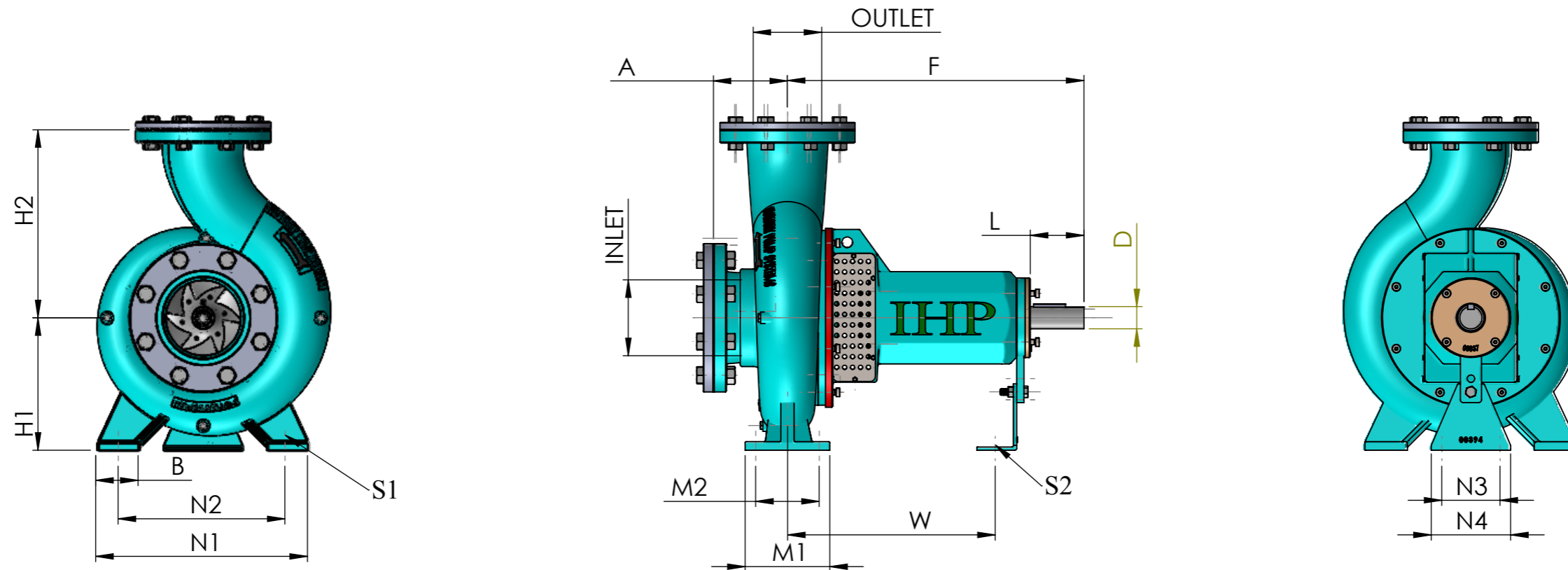
GENERAL : **Maximum ambient temperature** :+60 °c
Maximum fluid temperature :+80 °c
Maximum casing pressure :16 bar
Fluids must be clean and free from abrasive particals

Performance curves : The performance cureves are based on a kinematic viscosity value of 1mm2/s and a density of 1000kg/m3 at 15 ° c

Wear rings : Bronze wear rings can be fitted to impeller and casings.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH:		1/4				INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
TOLERANCES: LINEAR: ANGULAR:						TITLE:			
						END SUCTION PUMPS 150 X 125-250			
DRAWN V LOKESH		SIGNATURE		DATE		DWG NO.		A3	
CHK'D ARVIND				21/05/18		517- BOM			
APPV'D ARVIND				21/05/18		SCALE:1:1		SHEET 1 OF 4	
MFG									
Q.A									
				MATERIAL:					
				WEIGHT:					

THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858

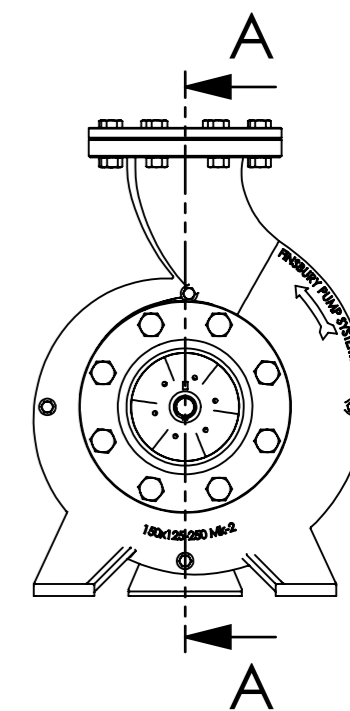
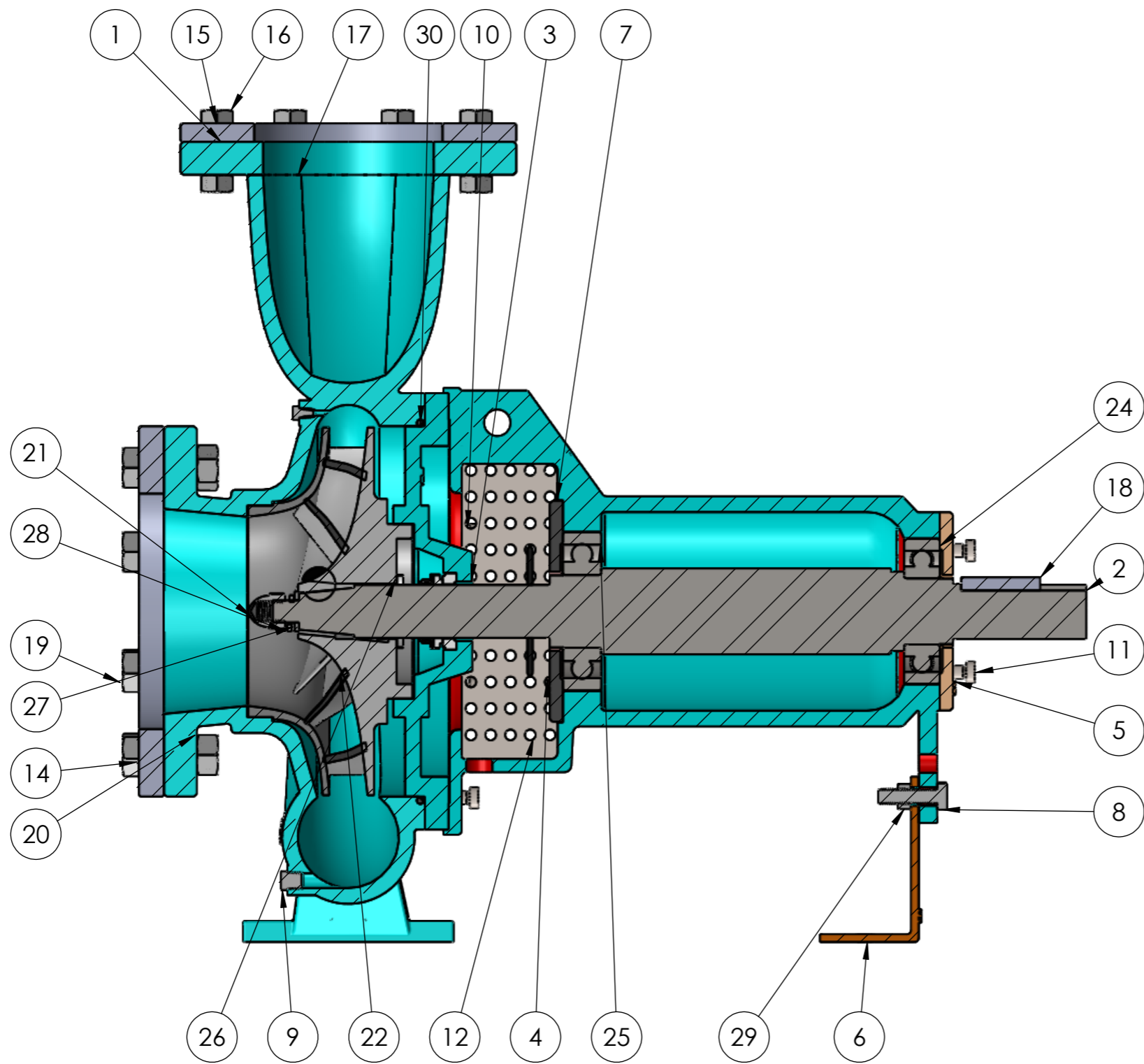


Inlet size :		150mm	Mounting:	B	80MM
Outlet size :		125mm		M1	160MM
Impeller size:		222 to 78mm		M2	120MM
		278mm is standard		N1	400MM
Pump:	A	140MM		N2	315MM
	F	560.54MM		N3	110MM
	H1	250MM		N4	150MM
	H2	355MM		W	392.09MM
Bolt holes:	S1	M16	Shaft end:	D	42MM
	S2	M12		L	101.74MM


NOTE : 1- SUCTION AND DELIVERY FLANGE LENGTH IS NOT ADDED
2-THESE ARE ISO 2858 STANDARD BARE SHAFT CENTRIFUGAL PUMP DIMENSIONS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		FINISH: 2/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
DRAWN V LOKESH		SIGNATURE		DATE		TITLE: END SUCTION PUMPS			
CHK'D ARVIND				21/05/18		150 X 125-250			
APPV'D ARVIND				21/05/18		DWG NO. 517- BOM		A3	
MFG						SCALE:1:1		SHEET 2 OF 4	
Q.A				MATERIAL:					
				WEIGHT:					

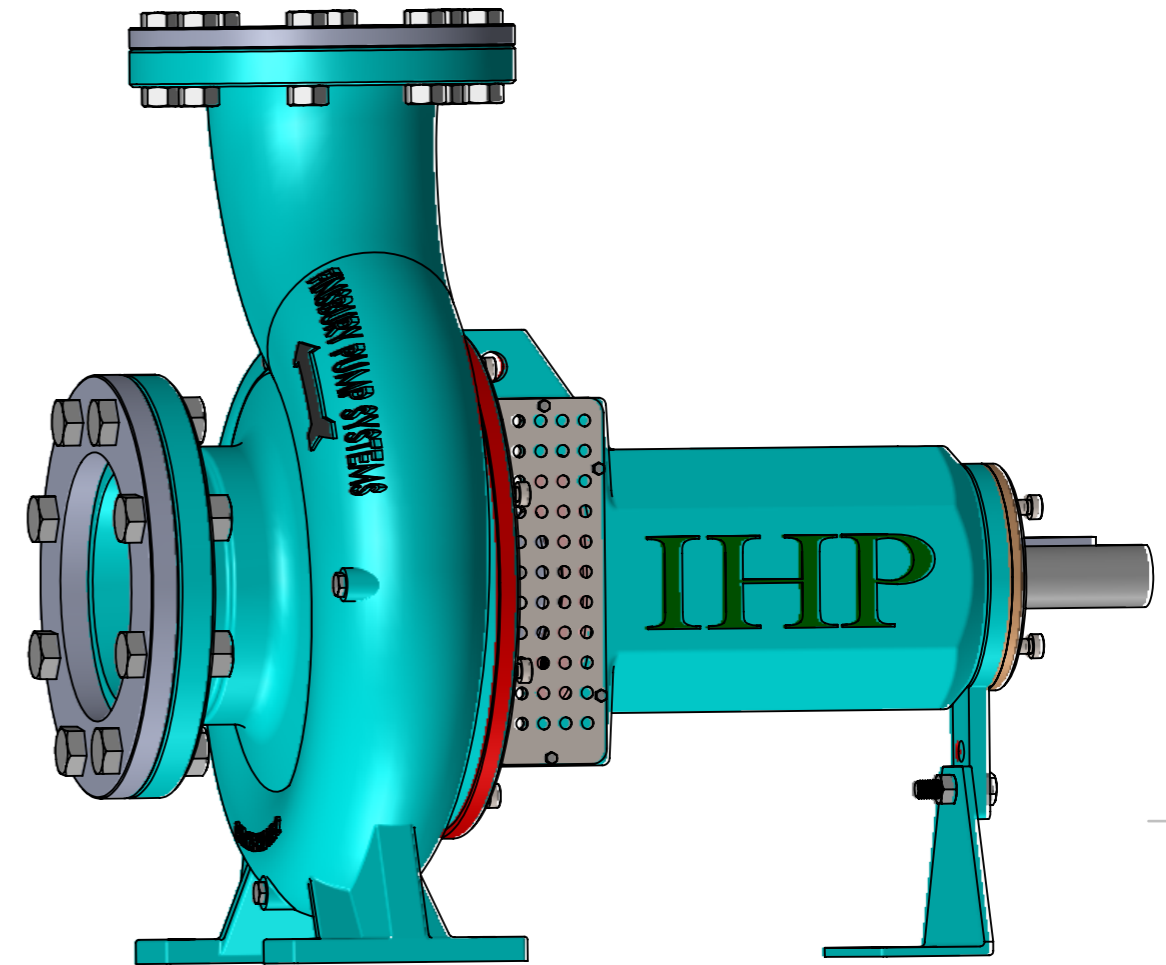
THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858




ALL DIMENSION ARE IN MM

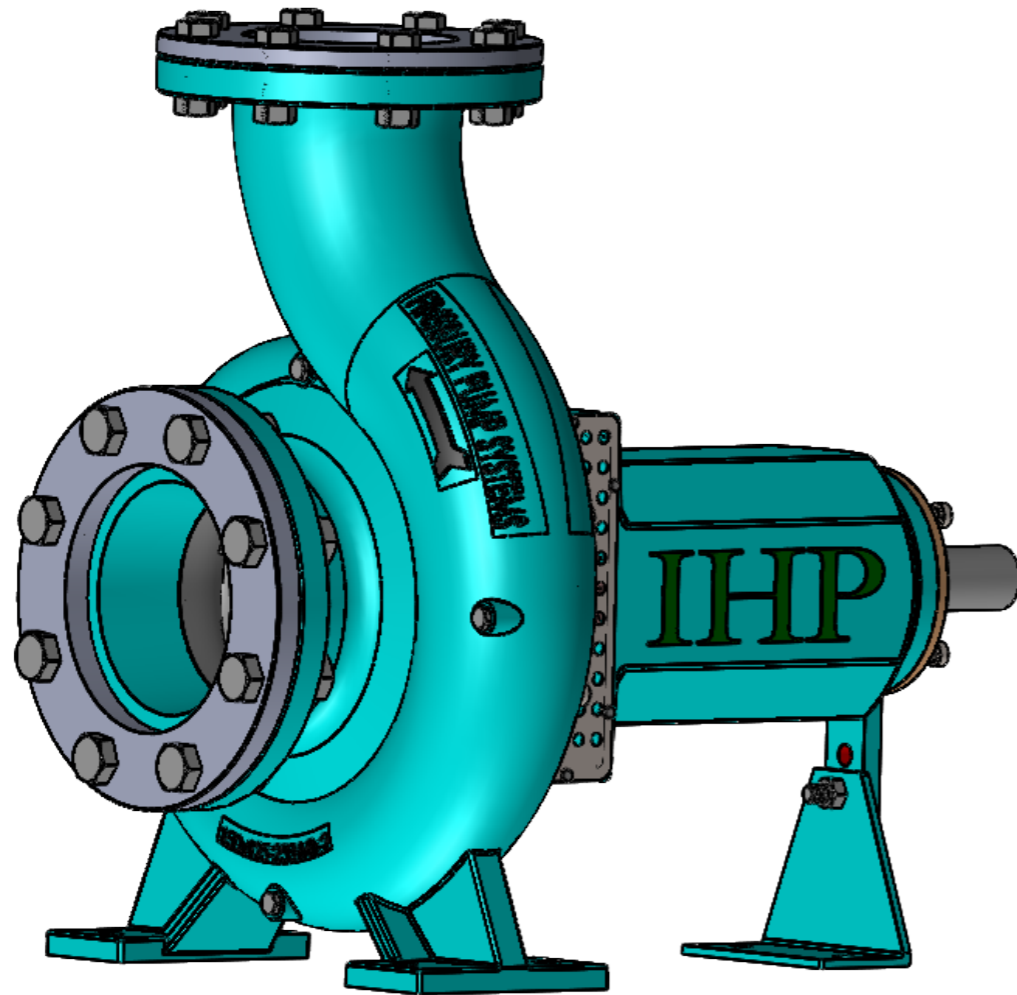
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN V LOKESH		SIGNATURE		DATE		INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.		 <small>www.ihp.com and ihp.com</small>	
CHK'D ARVIND				21/05/18		TITLE:		END SUCTION PUMPS	
APPV'D ARVIND				21/05/18		150 X 125-250		DWG NO.	
MFG						SCALE:1:1		SHEET 3 OF 4	
Q.A						WEIGHT:		A3	
						MATERIAL:		517- BOM	

ITEM NO.	PART NO	DESCRIPTION	QTY.
1	017	017 150X125-250 CASING-1 FIXED - COPY	1
2	313	313 SHAFT	1
3	57	BACK PLATE 00057	1
4	52	FRONT PLATE FOR BEARING HOUSING 52	1
5	52	END PLATE FOR BEARING HOUSING 00052	1
6	394	L FEET 00394	1
7	52	BEARING HOUSING 00052 - 2016-2	1
8		HEX BOLT M12 X 45	1
9		BSP QUATER INCH	4
10		ALLEN BOLT M10 X 16	8
11		ALLEN BOLT M10 X 20	4
12		SAFETY COVER 250 S	2
13		HEX BOLT M4 X 8	8
14		FLANGE PCD 178MM -250	1
15		FLANGE PCD 213MM-250	1
16		HEX BOLT M16X50	8
17		HEX NUT M16	8
18		KEY 12 X 10 X60-250	1
19		HEX BOLT M20	8
20		HEX NUT M20	8
21		DOM NUT M16	1
22	117	117 150X125-250 IMPELLER-1	1
23	808	808 WOODRUFF KEY	1
24	6310	BEARING 6310 - OD110 X ID50	1
25	6311	BEARING 6311 - OD120 X ID55	1
26		40mm MECHANICAL SEAL	1
27		PLAIN WASHER M16	1
28		SPLIT LOCK M16	1
29		HEX NUT M12	1
30	BS 379	ORING ID 280MM	1
31		WATER SLINGER ID 20	1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: 4/4	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN V LOKESH		SIGNATURE	DATE	INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA. 	
CHK'D ARVIND			21/05/18	TITLE: END SUCTION PUMPS 150 X 125-250	
APPV'D ARVIND			21/05/18	DWG NO. 517- BOM	
MFG				A3	
Q.A				SHEET 4 OF 4	
			WEIGHT:	SCALE:1:1	

THE BARE SHAFT SINGLE STAGE CENTRIFUGAL PUMPS DESIGNED AND MANUFACTURED TO ISO STANDARD 2858




PUMPS : **Model** :150 X 125-250-A
Casing : Cast Iron -16 bar pressure rating
Impeller : cast iron
Shaft : 431 stainless steel with water slinger
Mechanical seal : Carbon ceramic
Bearings : Fully sealed heavy duty roller bearings

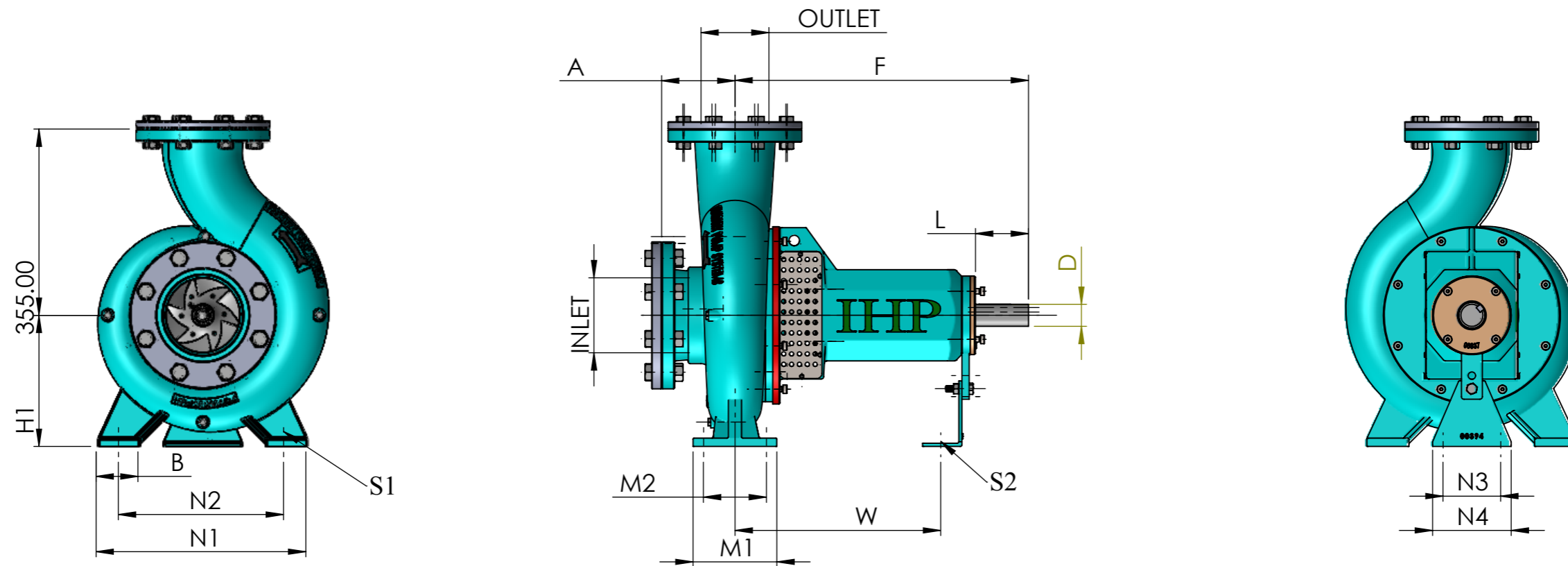
PUMP DUTY: **Maximum head** : 78m
Maximum flow :94L/sec
Maximum shaft power :88kw at miximum flow
Maximum speed : 2600rpm

GENERAL : **Maximum ambient temperature** :+60 °c
Maximum fluid temperature :+80 °c
Maximum casing pressure :16 bar
Fluids must be clean and free from abrasive particals

Performance curves : The performance cureves are based on a kinematic viscosity value of 1mm2/s and a density of 1000kg/m3 at 15 ° c

Wear rings : Bronze wear rings can be fitted to impeller and casings.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH: 1/4		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.	
							
						TITLE: END SUCTION PUMPS 150 X 125-250	
NAME	SIGNATURE	DATE				DWG NO.	A3
DRAWN V LOKESH		21/05/18				517- BOM	SHEET 1 OF 4
CHK'D ARVIND		21/05/18					
APPV'D ARVIND		21/05/18					
MFG			MATERIAL:				
Q.A			WEIGHT:			SCALE:1:1	

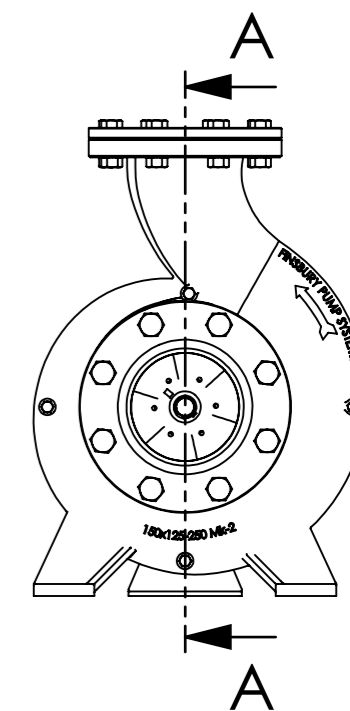
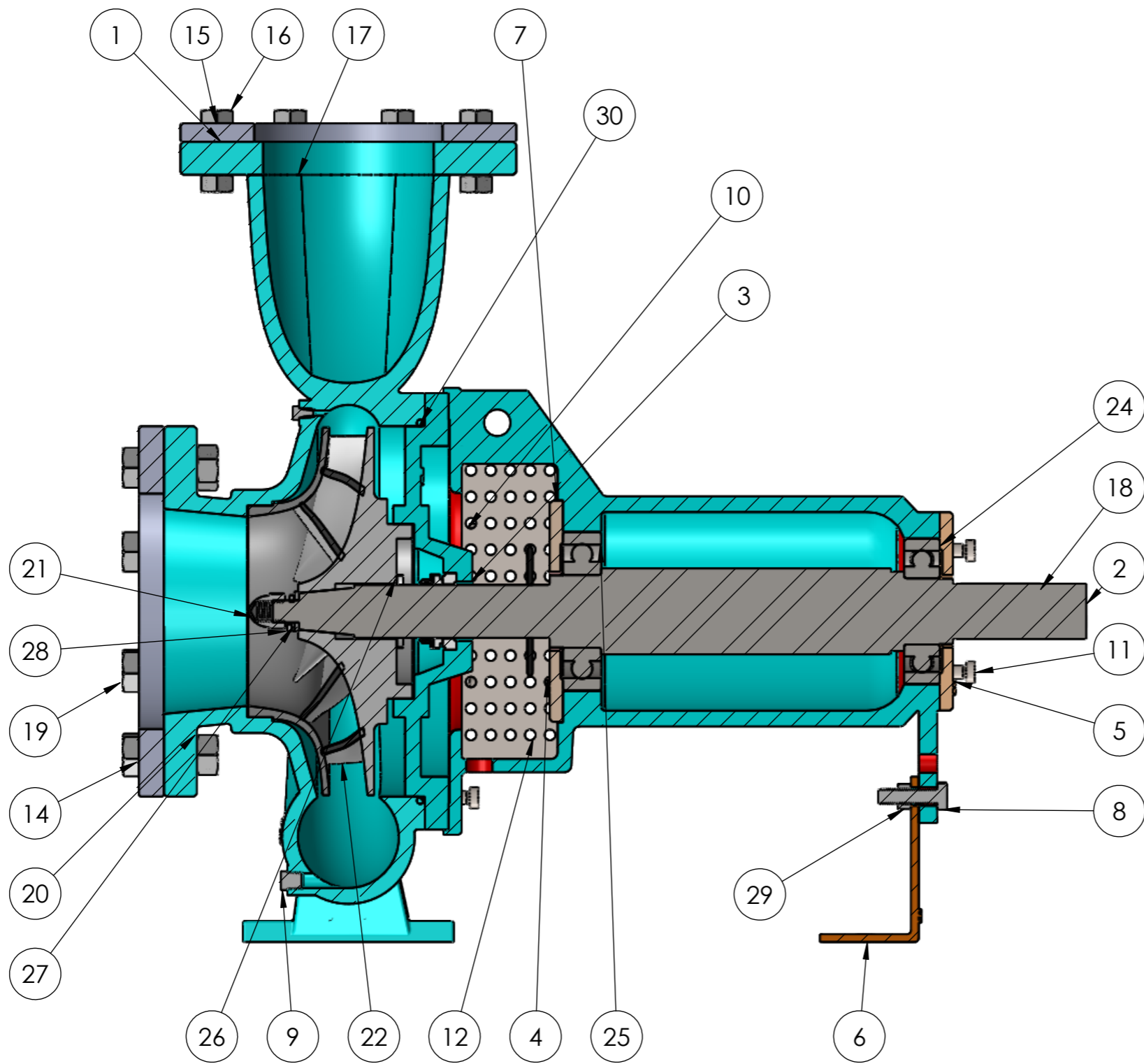


Inlet size :		150mm	Mounting:	B	80MM
Outlet size :		125mm		M1	160MM
Impeller size:		222 to 78mm		M2	120MM
		278mm is standard		N1	400MM
Pump:	A	140MM		N2	315MM
	F	560.54MM		N3	110MM
	H1	250MM		N4	150MM
	H2	355MM		W	392.09MM
Bolt holes:	S1	M16	Shaft end:	D	42MM
	S2	M12		L	101.74MM


NOTE : 1- SUCTION AND DELIVERY FLANGE LENGTH IS NOT ADDED
2-THESE ARE ISO 2856 STANDARD BARE SHAFT CENTRIFUGAL PUMP DIMENSIONS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		FINISH: 2/4		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH:						INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.			
TOLERANCES:						TITLE: END SUCTION PUMPS 150 X 125-250			
LINEAR:						DWG NO.		A3	
ANGULAR:						517- BOM			
NAME	SIGNATURE	DATE				SCALE:1:1		SHEET 2 OF 4	
DRAWN V LOKESH		21/05/18							
CHK'D ARVIND		21/05/18							
APPV'D ARVIND		21/05/18							
MFG									
Q.A					MATERIAL:				
					WEIGHT:				

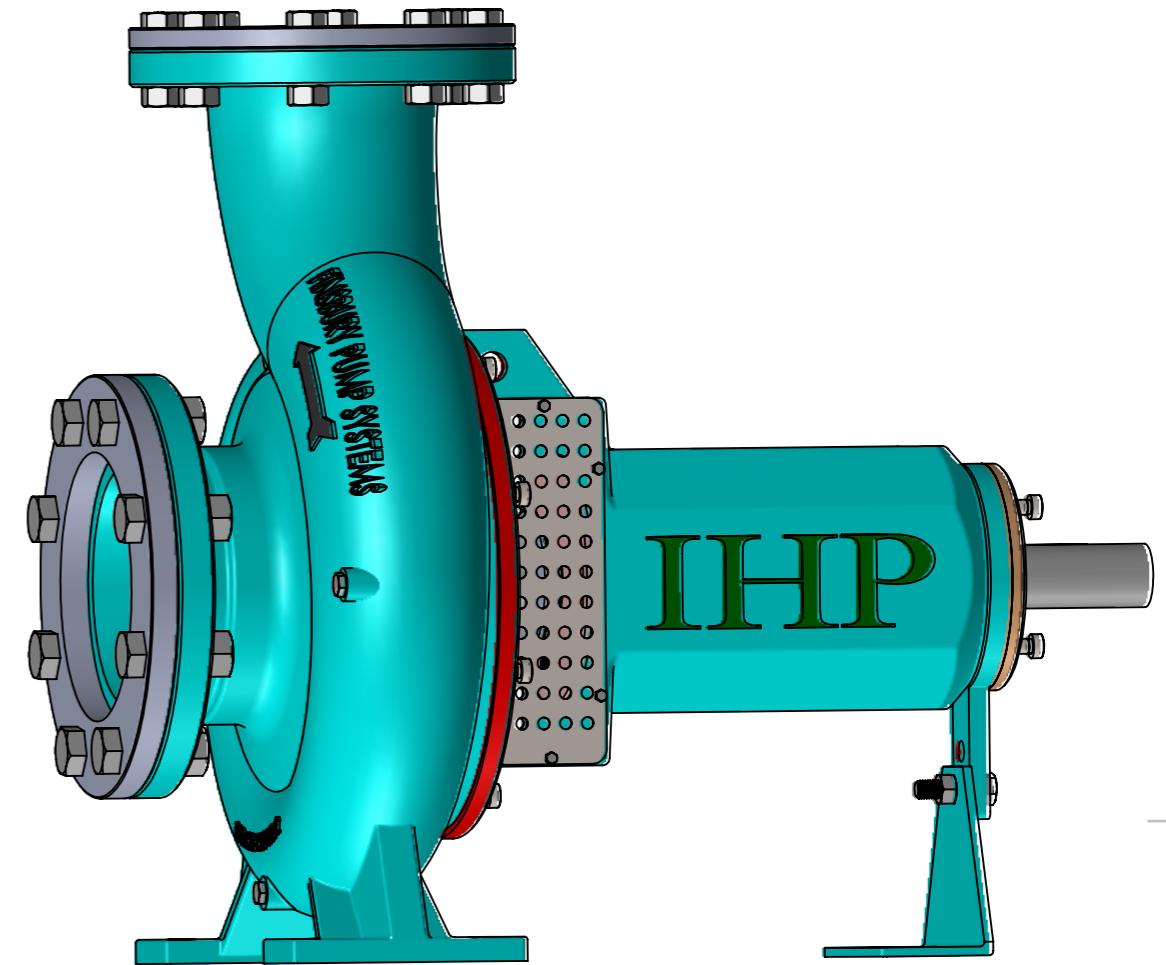
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DRAWN V LOKESH		SIGNATURE		DATE		INDRA HYDRO TECH PUMPS PVT,LTD., Bangalore,INDIA.		 <small>www.indrahydrotech.com</small>	
CHK'D ARVIND				21/05/18		TITLE:		END SUCTION PUMPS 150 X 125-250	
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