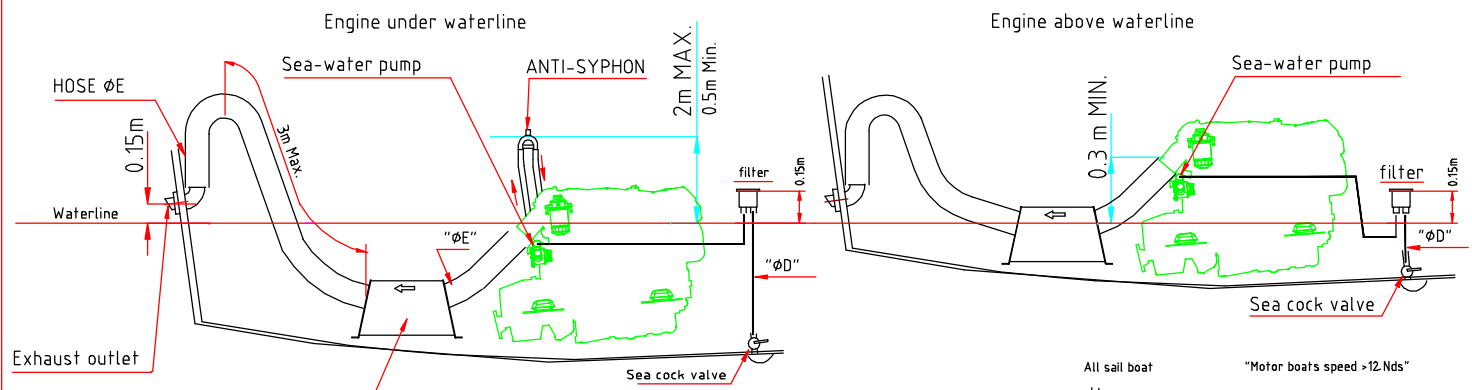


**Engine bed**  
Rigid structure able to absorb all the dynamical stress and the engine weight.  
It must be linked to the hull with a surface as large as possible.

ENGINE	REDUCTION RATIO	"φA" × "φ" × "L"			ENGINE RPM		
		(316L)	(pouces)	(m)	IDLING	Rated RPM speed	MAX without load
N4.85	1.5	40	17"-18"	1.65	800/850	2800	3020
	2	40	20"-21"	1.8			
	2.5	40	23"-24"	2.2			
N4.100	1.5	40	17"-18"	1.65	800/850	2800	3020
	2	40	20"-21"	1.8			
	2.5	40	23"-24"	2.2			

× OTHER DIAMETER ACCORDING TO MATERIAL ; CONSULT SHAFT LINES' MANUFACTURER  
 ×× FOR PROPELLER CALCULATION, PLEASE FILL IN THE "PROPELLER STUDY" FORM  
 ××× MAXIMUM VALUE ACCEPTED

### SEA WATER PICK-UP AND EXHAUST LINES



ENGINE	"φD" (mm)	"φE" (mm)	max back pressure (bar)	"V" mini. (liter)
N4.85	32	90	0.153	20
N4.100	32	90	0.153	20

-ANTI SYPHON VALVE  
IT MUST BE AT THE END OF RAW WATER PIPING BEFORE EXHAUST ELBOW INLET

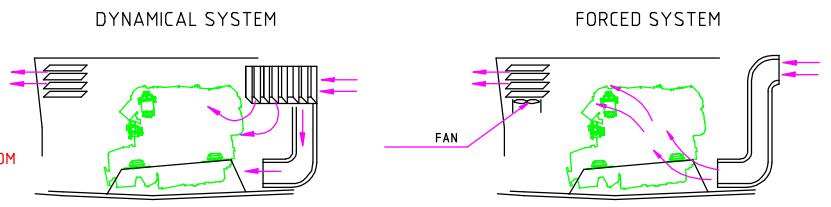
-WATER LOCK  
IT MUST BE ALWAYS LOWER

### BOILER CONNECTION

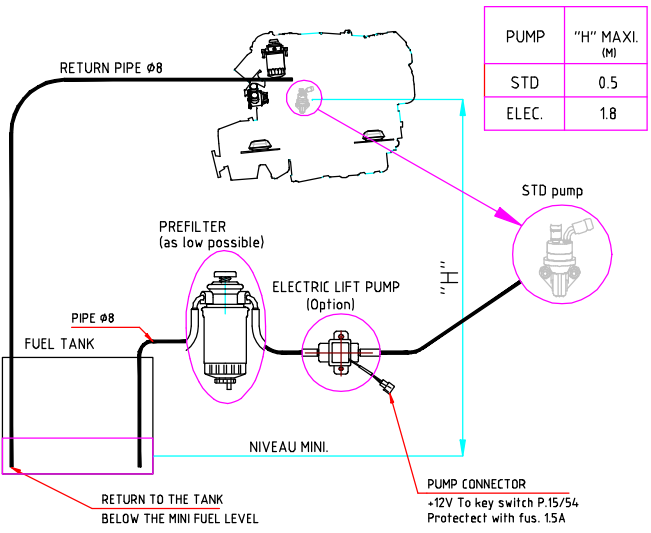
FOR THE BOILER CONNECTION  
CONSULT NANNI DIESEL OR YOUR RECOMMENDED DEALER

- VENTILATION SYSTEM
- DYNAMICAL (FOR FAST BOAT)
- FORCED (BY FAN)
- AIR NEEDS
  - a) OUTLET OF WARM AIR : 450 m3/h
  - b) ENGINE AIR CONSUMPTION : 350 m3/h
- ENGINE ROOM TEMPERATURE
  - NO MORE THAN 50°C
  - WITH 15°C DIFFERENCE (20°C MAX.) WITH AMBIENT TEMPERATURE
- AIR FLOW
  - FRESH AIR INLET, ON THE FRONT IN THE LOWER PART OF THE ENGINE ROOM AND WARM AIR OUTLET ON THE BACK IN THE UPPER PART
  - AVOID SHORT-CIRCUIT BETWEEN INLET AND OUTLET IN ORDER TO HAVE A MAXIMUM AIR MOVE

### AIR REQUIREMENT



### FUEL CONNECTIONS

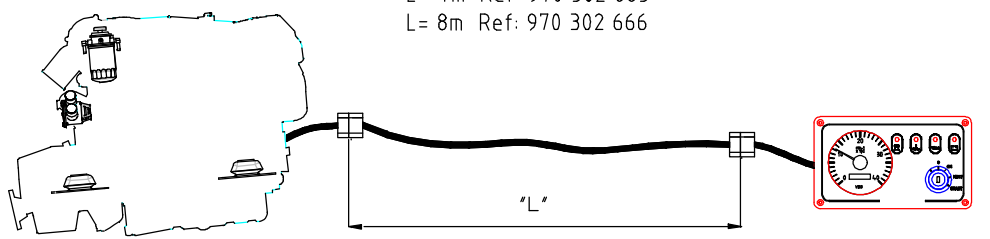


PUMP	"H" MAXI. (M)
STD	0.5
ELEC.	1.8

PUMP CONNECTOR  
+12V To key switch P.15/54  
Protect with fus. 15A

### ELECTRICAL WIRINGS (A3/B3/C3 PANEL)

- CONNECTOR
- |    |                     |
|----|---------------------|
| 1  | +                   |
| 2  | -                   |
| 3  | STARTER             |
| 4  | PREHEATING          |
| 5  | STOP                |
| 6  | OIL SENDER unused   |
| 7  | D+                  |
| 8  | OIL SWITCH          |
| 9  | WATER SWITCH        |
| 10 | WATER SENDER unused |
| 11 | REV. COUNT.         |



L = 2m Ref: 970 304 162  
 L = 4m Ref: 970 302 665  
 L = 8m Ref: 970 302 666



ECH.	DESSINE LE. 14/09/07	VERIF.
INSTALLATION DETAILS		
N4.85 - N4.100		
NANNI INDUSTRIES		21 - Av. Marlotte - BP 107 33240 LA TESTE - FRANCE
12	111	847
CE DESSIN EST LA PROPRIETE DE NANNI INDUSTRIES ET NE PEUT ETRE REPRODUIT OU COMMUNIQUE SANS SON AUTORISATION		