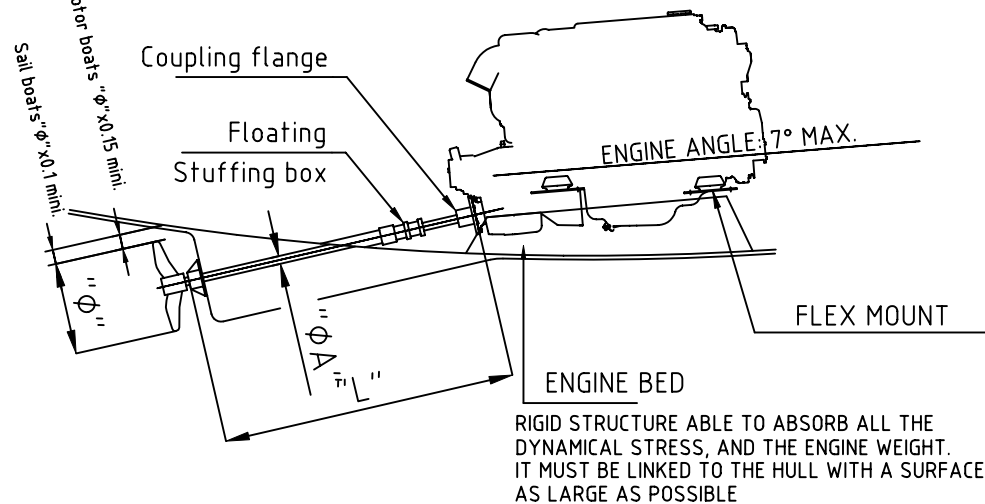


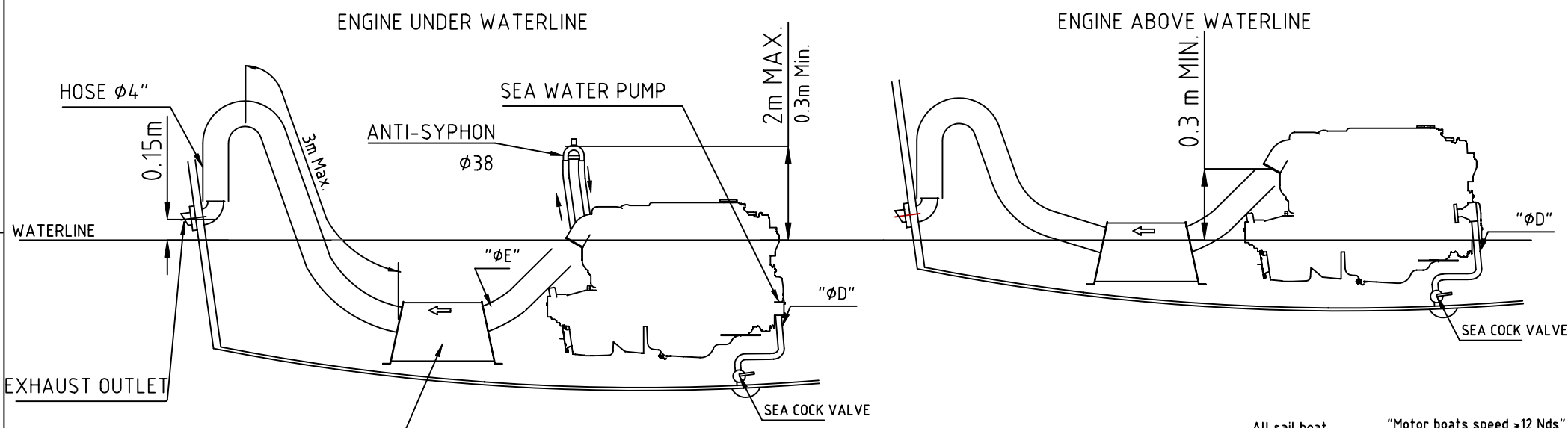
### PROPELLER SHAFT



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	"φ" (inches)	"φA"	"L" (m)	ENGINE RPM		
					IDLING	MAXI	MAXI [w/o LOAD]
6.420TDI	2	Information on request Fill-in the propulsion calculation form			700/750	3600	4150/4250
	2.5						

### WET EXHAUST SYSTEM

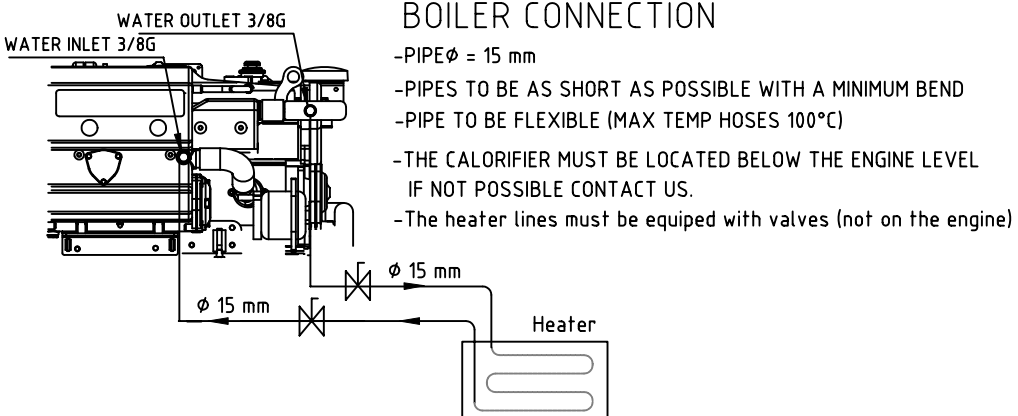


ENGINE	"φD" (mm)	"φE" (inch)	MAX BACK-PRESSURE (bar/PSI)	"V" mini. (liter)
6.420TDI	38	4"	0.25/0.017	28

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

-WATER LOCK IT MUST BE ALWAYS LOWER AND NEAR THE ENGINE

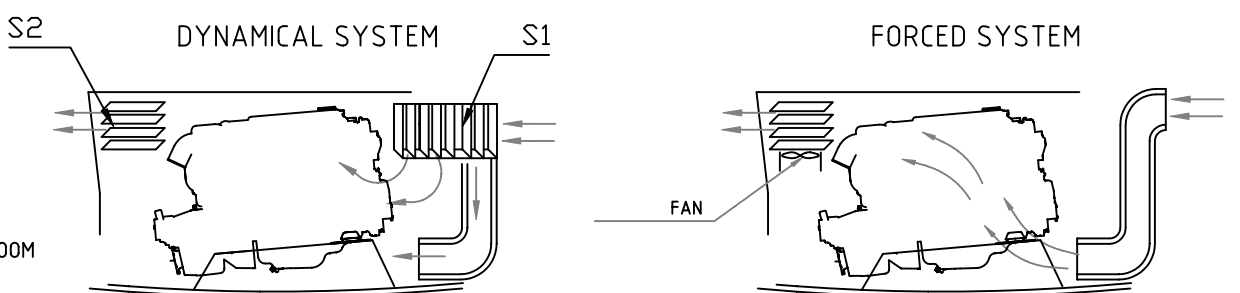
### BOILER CONNECTION



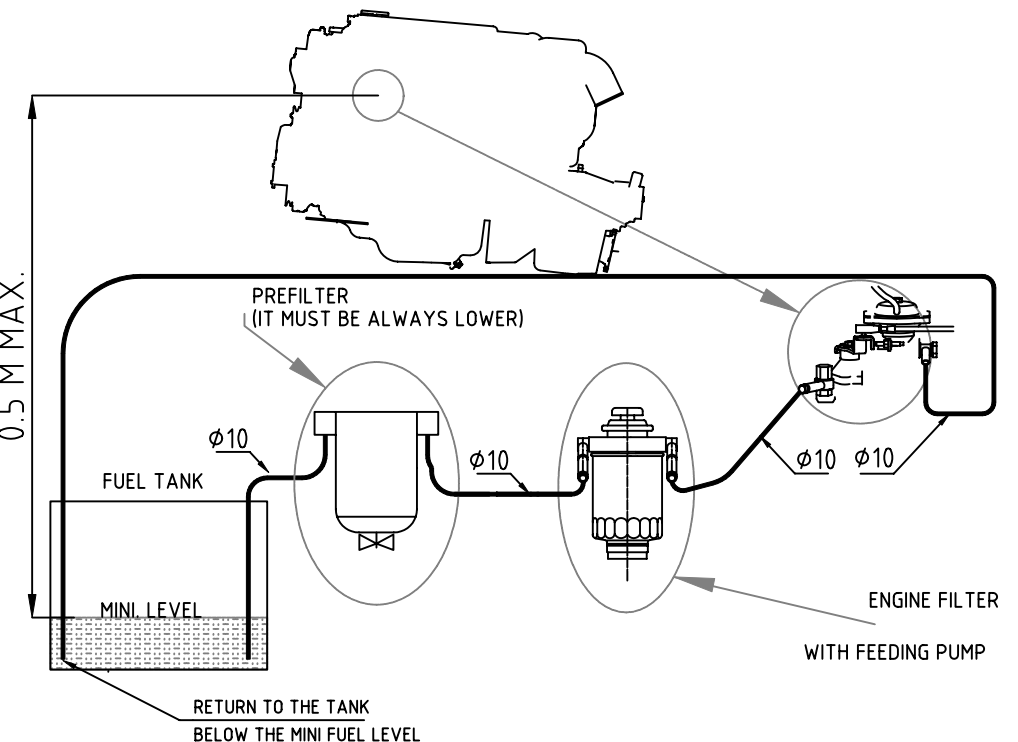
-PIPE φ = 15 mm  
-PIPES TO BE AS SHORT AS POSSIBLE WITH A MINIMUM BEND  
-PIPE TO BE FLEXIBLE (MAX TEMP HOSES 100°C)  
-THE CALORIFIER MUST BE LOCATED BELOW THE ENGINE LEVEL IF NOT POSSIBLE CONTACT US.  
-The heater lines must be equipped with valves (not on the engine)

-VENTILATION SYSTEM  
-DYNAMICAL (FOR FAST BOAT) S1 MIN= 800cm2  
-FORCED (BY FAN) S2 MIN= 500cm2  
-AIR NEEDS  
a) OUTLET OF WARM AIR : 1440 m3/h  
b) ENGINE AIR CONSUMPTION : 870 m3/h  
TOTAL : 2310m3/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

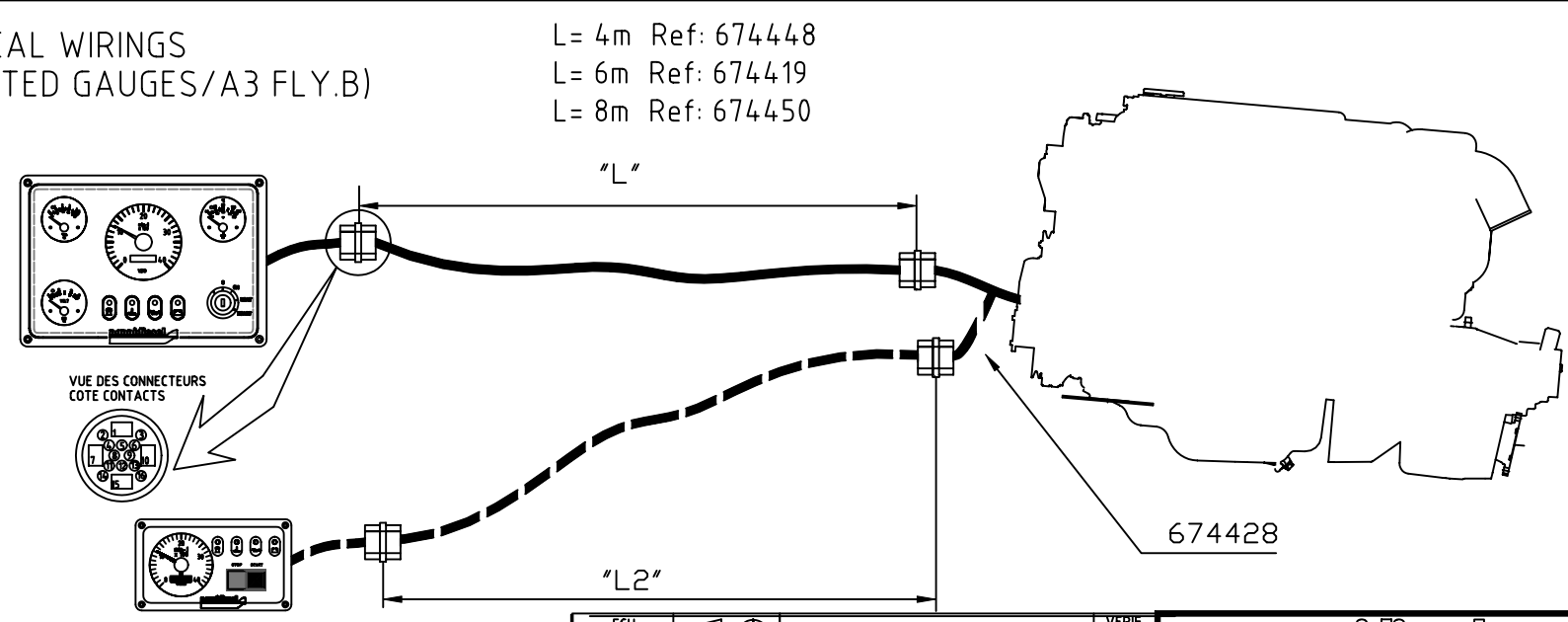


### FUEL CONNECTIONS



### ELECTRICAL WIRINGS (C3 PANEL/ SEPARATED GAUGES/A3 FLY.B)

CONNECTEUR	
1	+
2	D+
3	OIL SENDER
4	PREHEATING
5	OIL SWITCH
6	WATER SWITCH
7	STARTER
8	WATER SENDER
9	WATER TEMP. SENDER
10	STOP
11	- IND ALT SENDER
12	+ IND ALT SENDER
13	WATER/ FUEL SENDER
14	
15	-
16	



L2= 4m Ref: 674427  
L2= 8m Ref: 674443

ECH. DESSINE LE 25-11-03 PAR PL VERIF.  
**INSTALLATION DETAILS**  
6.420TDI-T6.300

**nannidiesel**  
NANNI INDUSTRIES  
Z.I. - Av Mariotte - BP 107  
33260 LA TESTE - FRANCE  
IND A : 11/05/05