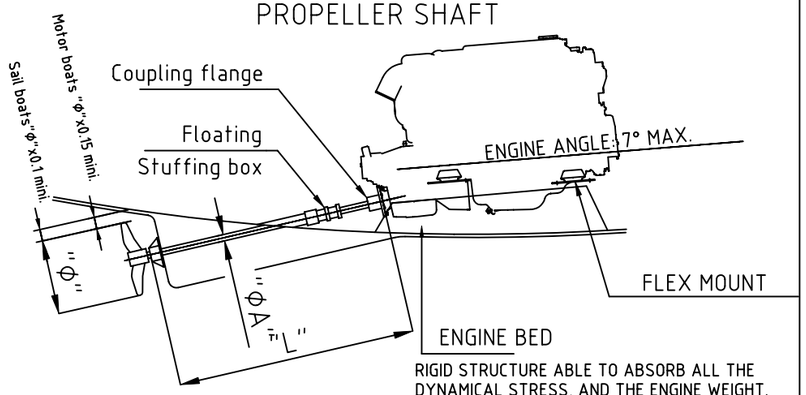
PROPELLER SHAFT

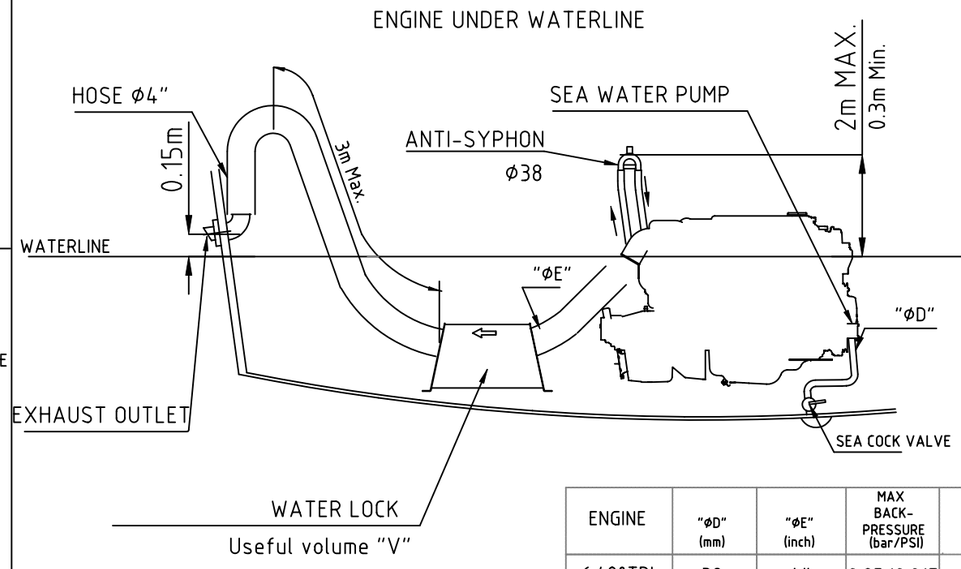


RIGID STRUCTURE ABLE TO ABSORB ALL THE DYNAMICAL STRESS, AND THE ENGINE WEIGHT.
IT MUST BE LINKED TO THE HULL WITH A SURFACE AS LARGE AS POSSIBLE

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						

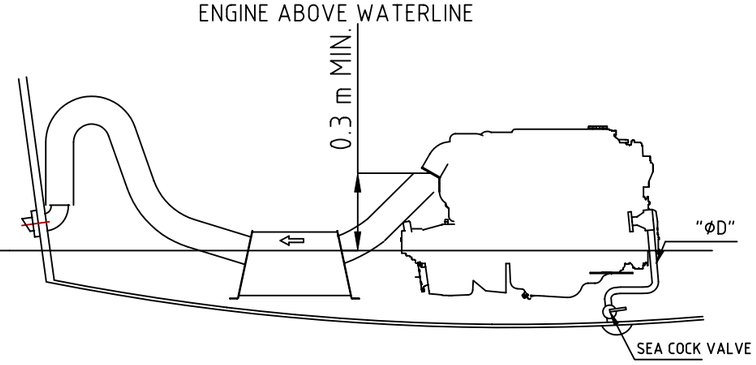
WET EXHAUST SYSTEM

ENGINE UNDER WATERLINE



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

ENGINE ABOVE WATERLINE



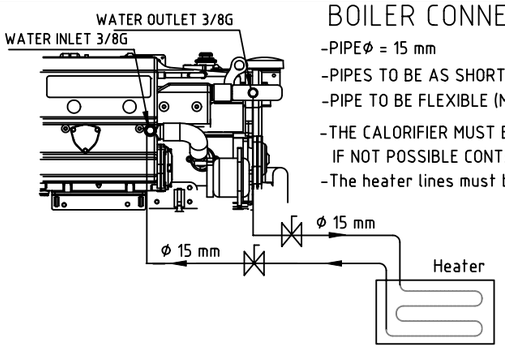
ENGINE	"ϕD" (mm)	"ϕE" (inch)	MAX BACK-PRESSURE (bar/PSI)	"V"mini. (liter)
6.420TDI	38	4"	0.25/0.017	28

All sail boat

"Motor boats speed >12 Nds"

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

BOILER CONNECTION



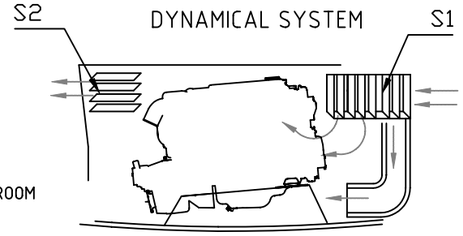
-PIPEϕ = 15 mm
-PIPES TO BE AS SHORT AS POSSIBLE WITH A MINIMUM BEND
-PIPE TO BE FLEXIBLE (MAX TEMP HOSES 100°C)
-THE CALORIFIER MUST BE LOCATED BELOW THE ENGINE LEVEL IF NOT POSSIBLE CONTACT US.
-The heater lines must be equiped with valves (not on the engine)

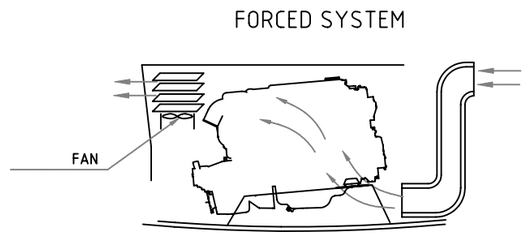
-VENTILATION SYSTEM
-DYNAMICAL (FOR FAST BOAT)
-FORCED (BY FAN)
-AIR NEEDS .
a) OUTLET OF WARM AIR : 1440 m3/h
b) ENGINE AIR CONSUMPTION : 870 m3/h
TOTAL : 2310m3/h
-ENGINE ROOM TEMPERATURE
-NO MORE THAN 50°C
-WITH 15°C DIFFERENCE (20°C MAX.) WITH AMBIENT TEMPERATURE

-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

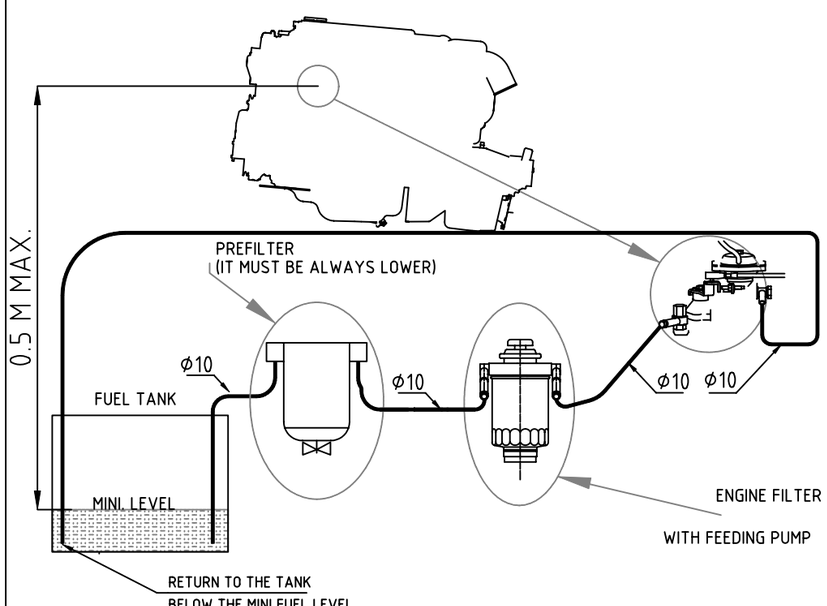
AIR REQUIREMENT

S1 MIN= 800cm2
S2 MIN= 500cm2





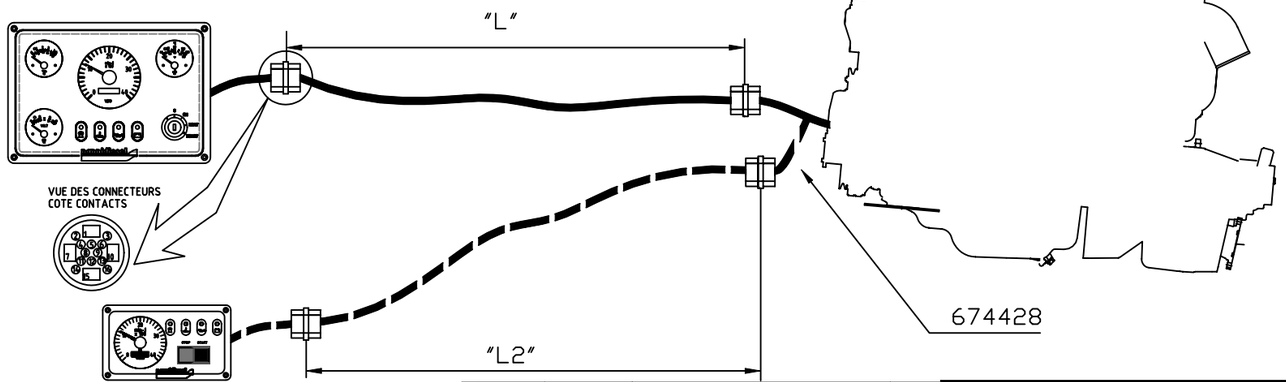
FUEL CONNECTIONS



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

L= 4m Ref: 674448
L= 6m Ref: 674419
L= 8m Ref: 674450

	CONNECTEUR
1	+
2	D+
3	OIL SENDER
4	PREHEATING
5	OIL SWTCH
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

nanni diesel
NANNI INDUSTRIES Z.I. - Av Mariotte -BP 107 33260 LA TESTE - FRANCE

1	1|2	1|1	7|8|9

IND A : 11/05/05

CE DESSIN EST LA PROPRIETE DE NANNI INDUSTRIES ET NE PEUT ETRE REPRODUIT OU COMMUNIQUE SANS SON AUTORISATION