



C16 1000 and 600 hp

Preliminary configuration interface

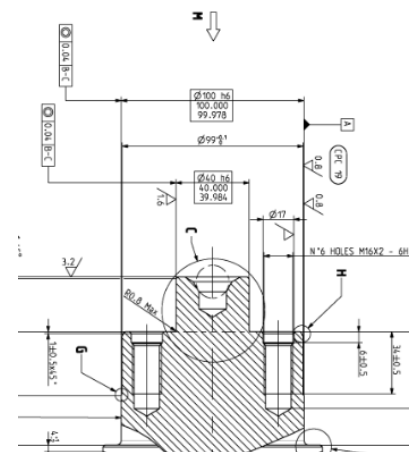
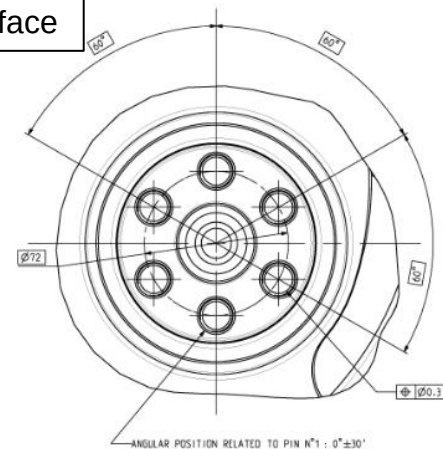
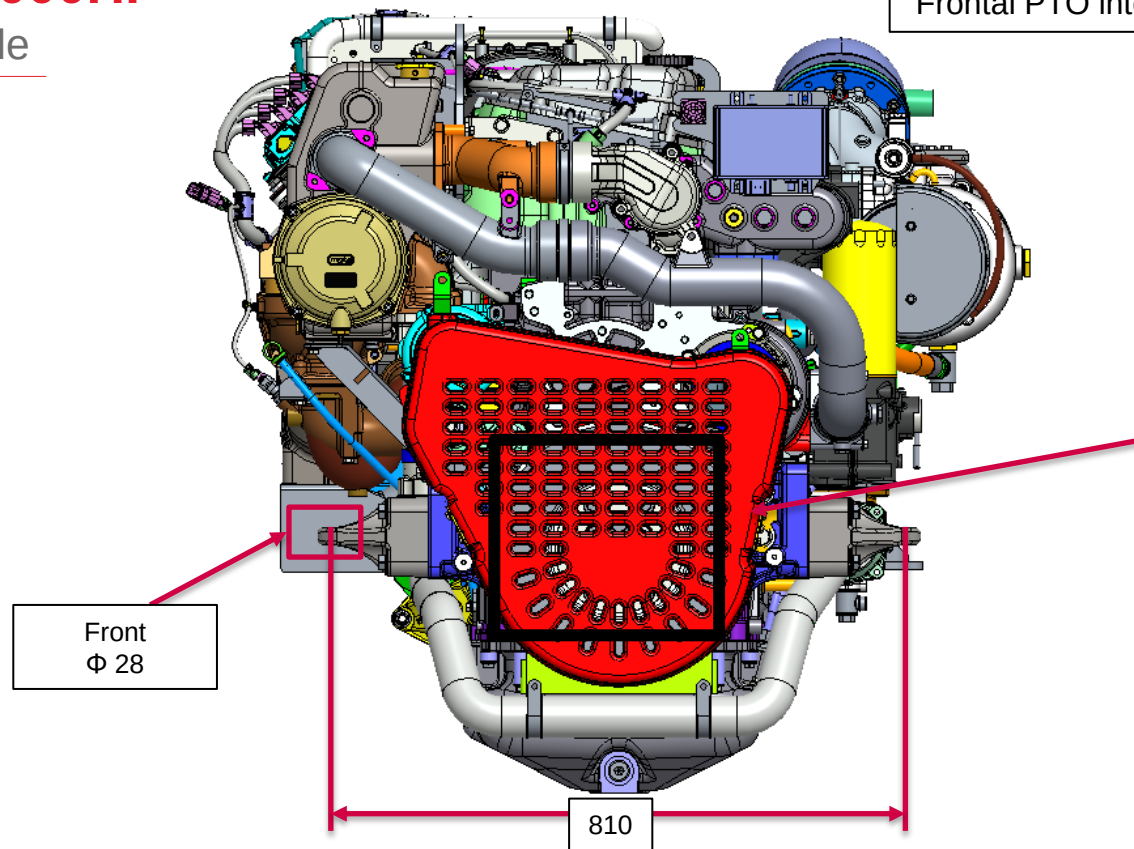
July 2019

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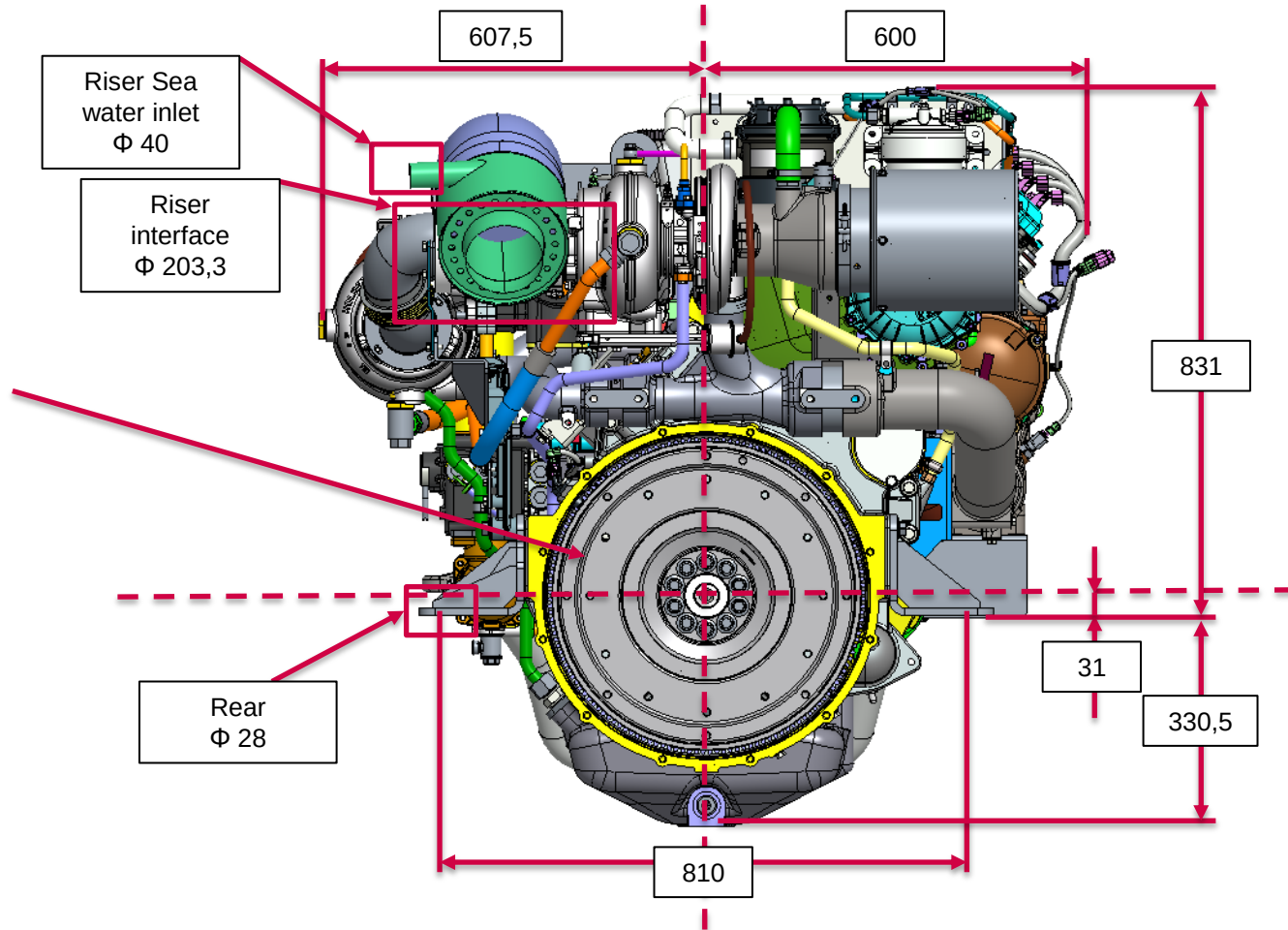
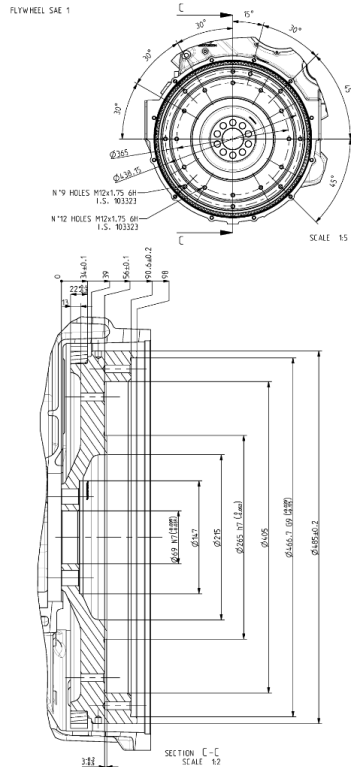


C16 1000HP

Front side

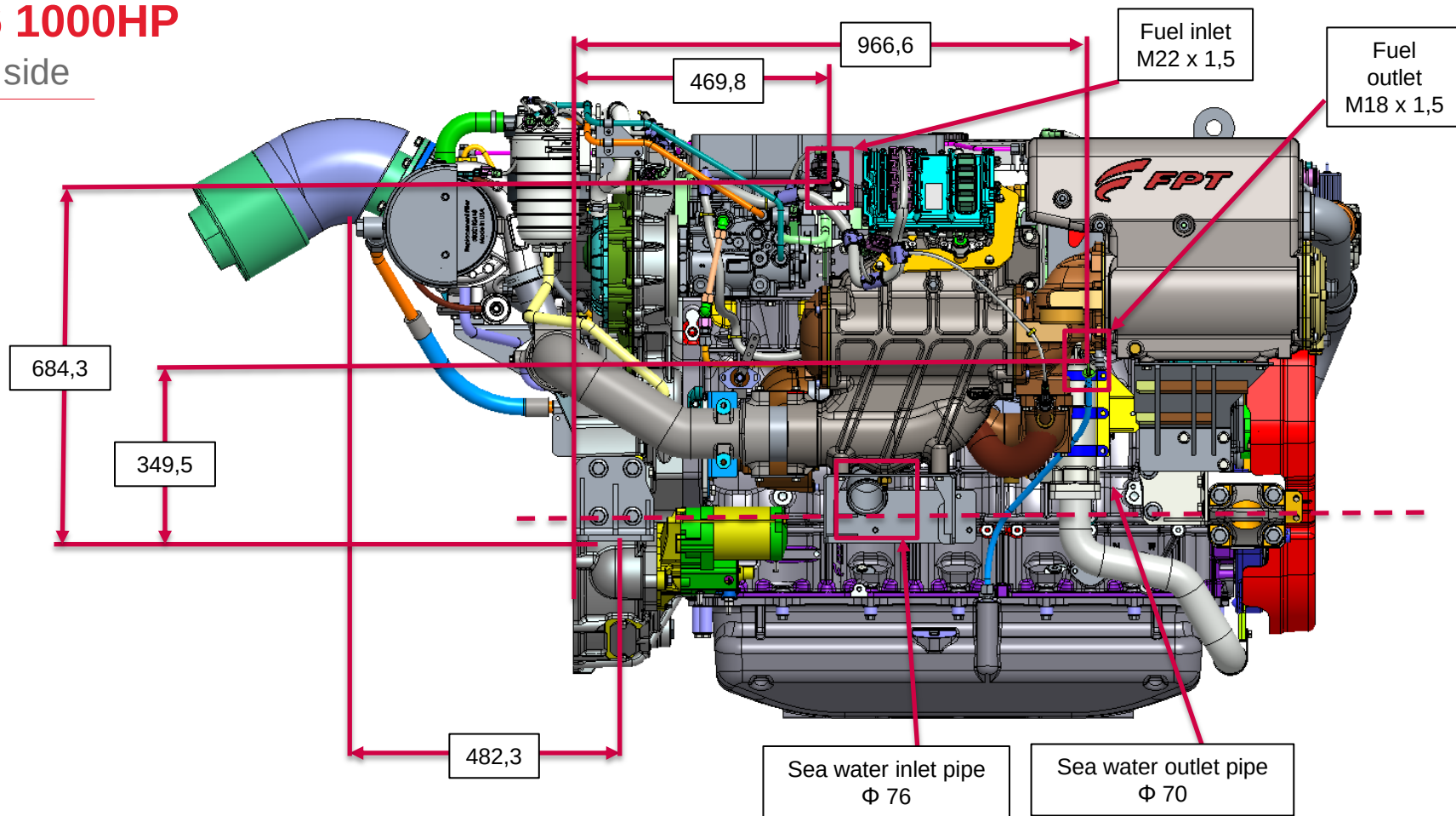


Rear side



C16 1000HP

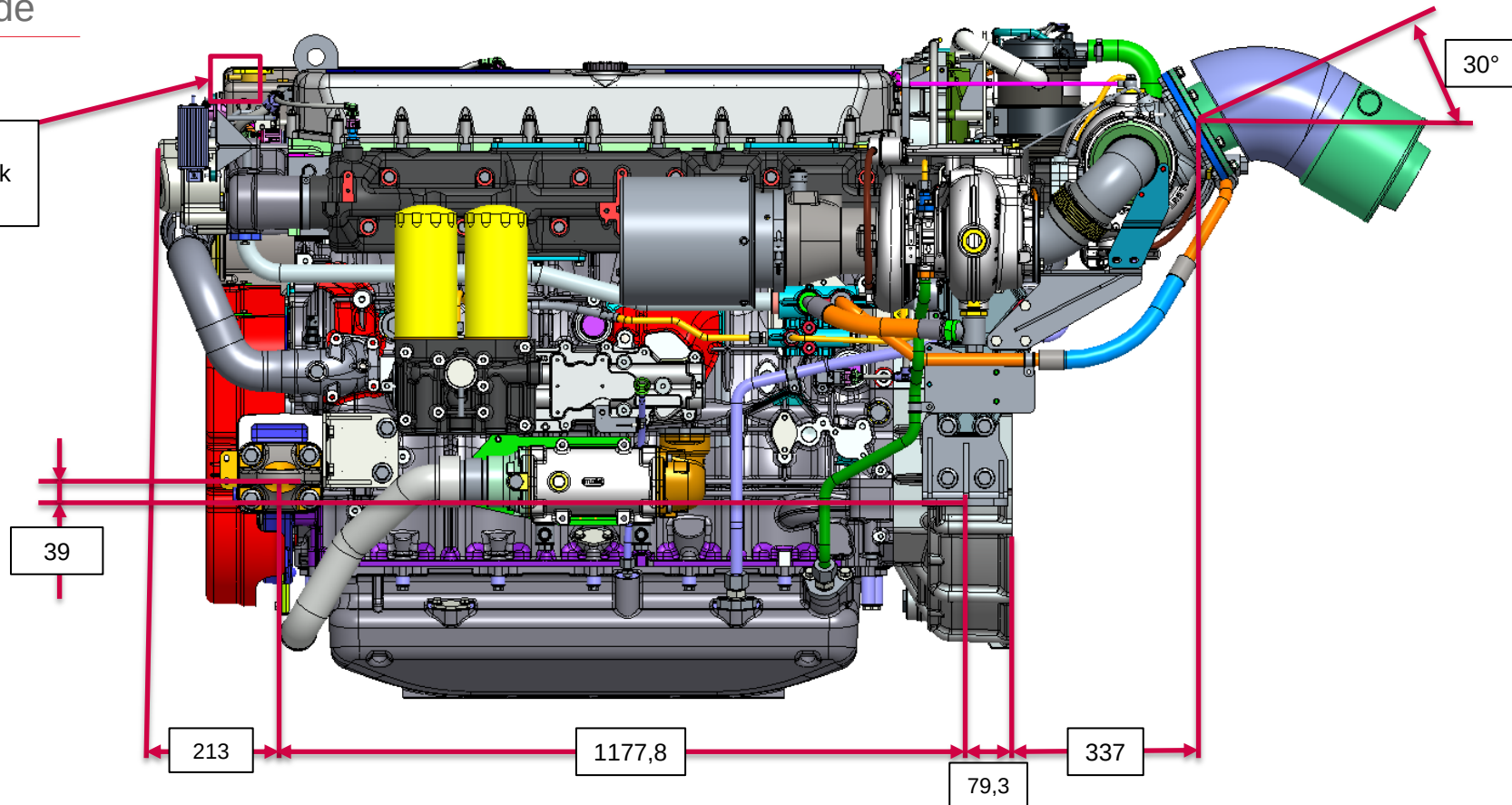
Cold side



C16 1000HP

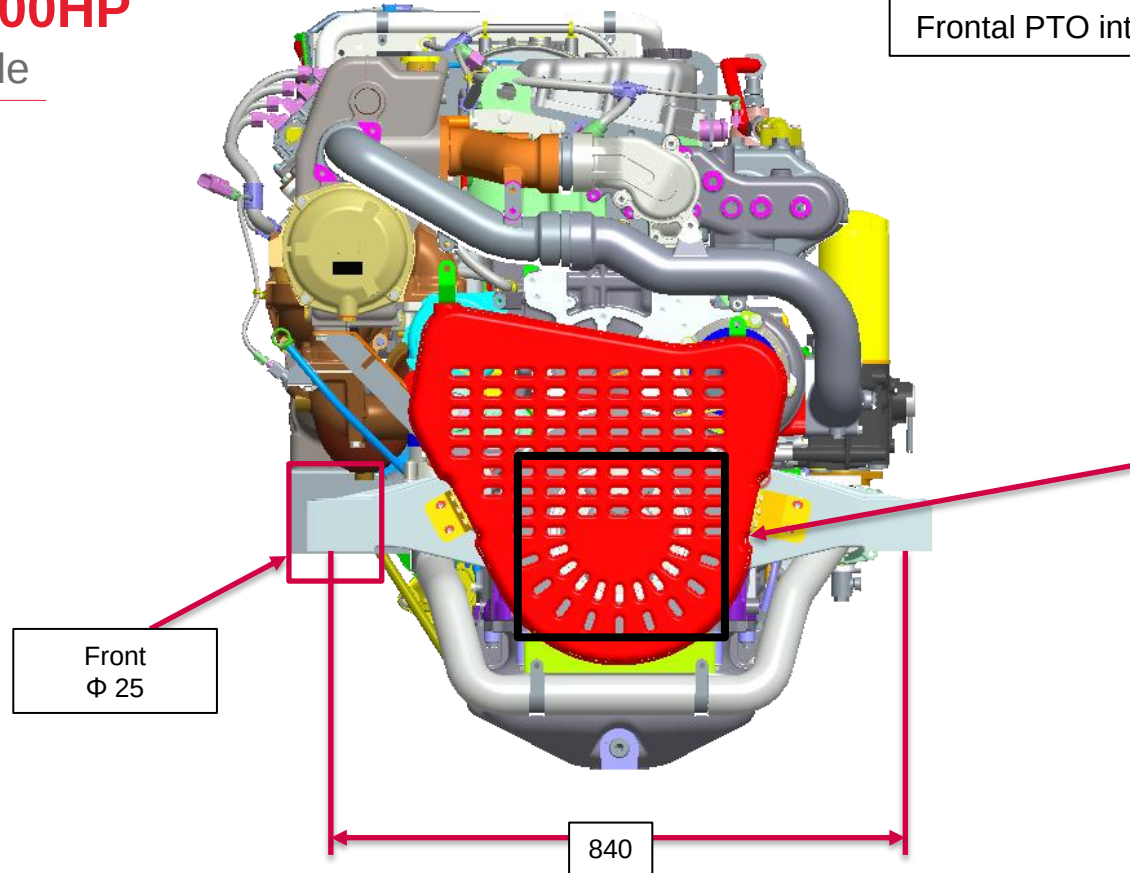
Hot side

Outlet pipe
expansion tank
 $\Phi 8$

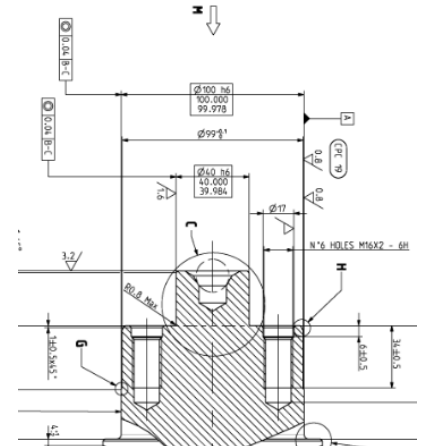
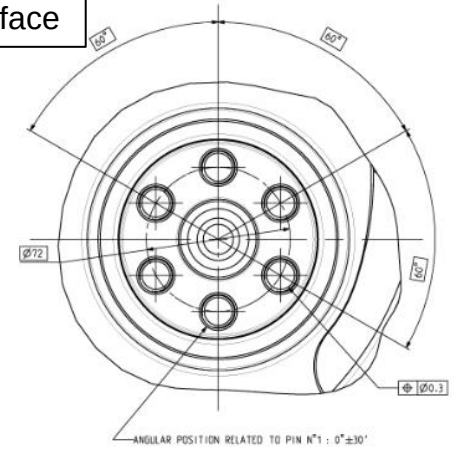


C16 600HP

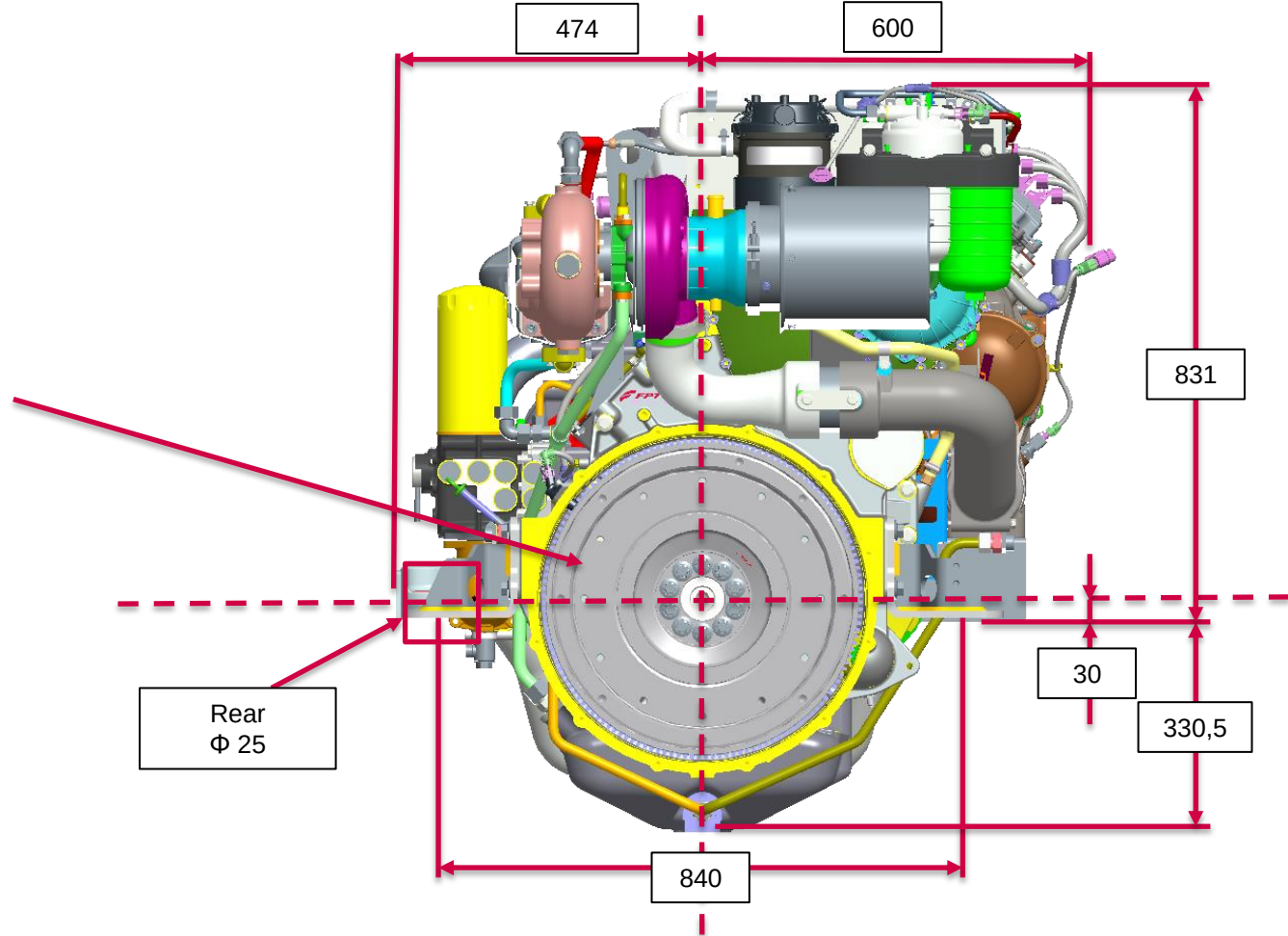
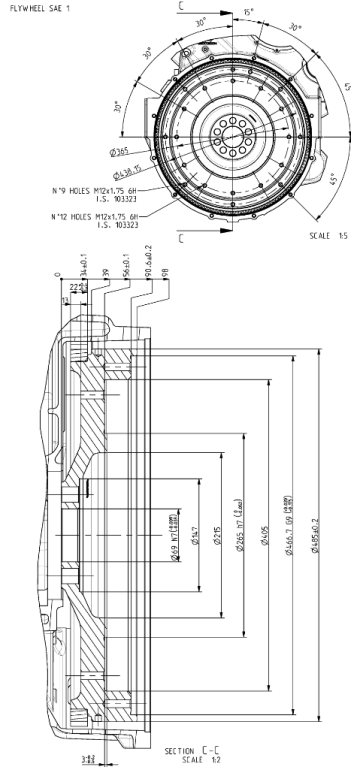
Front side



Frontal PTO interface

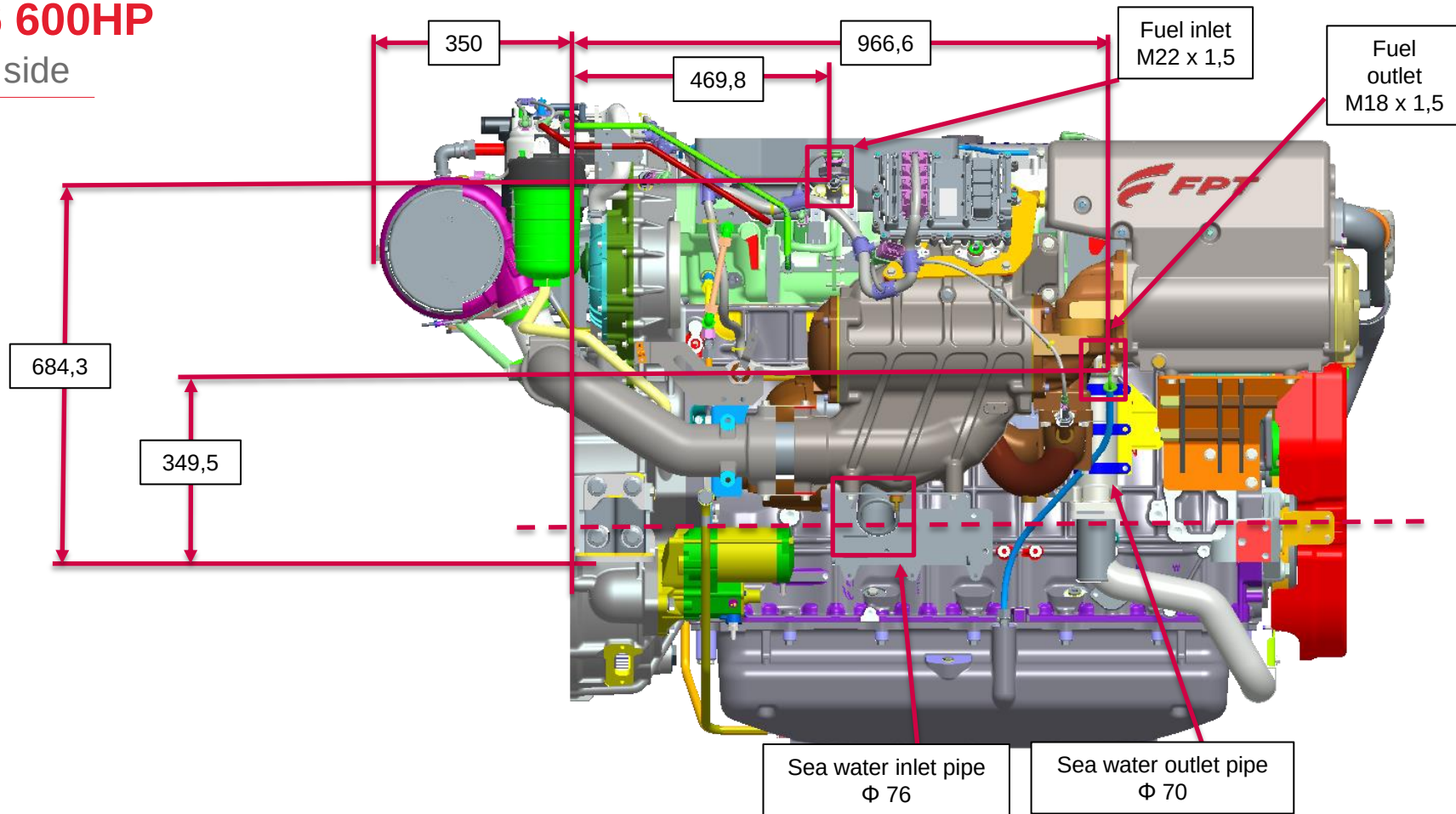


Rear side



C16 600HP

Cold side



C16 600HP

Hot side

Outlet pipe
expansion tank
 $\Phi 8$

Outlet Turbine
 $\Phi 81,2$

527,5

283

1107,8

79,3

214

C16 marine

Engine specification

C16 marine		
	1000HP	600 HP
Thermodynamic cycle	Diesel 4 strokes	Diesel 4 strokes
Air handling	TCA	TCA
Cylinders arrangement	6 L	6 L
Bore x Stroke	141 x 70	141 x 70
Total displacement	15,9 liters	15,9 liters
Valves per cylinder	4	4
Cooling system	Liquid	Liquid
Compression ratio	15,5:1	16,5:1
Direction of rotation (viewed facing flywheel)	CCW	CCW
Engine management	ECU (engine control system)	ECU (engine control system)
Injection system	CR (common rail)	CR (common rail)
Dimensions (L x W x H)	1465 x 1136 x 1160	
Dry weight	1690 kg	1570 kg
Electric system voltage	24 V	24 V

C16 marine

Engine specification

C16 marine						
		1000HP				600 HP
Rating type		A2	B	C	C	C
Maximum power	kW (HP)	735 (1000)	662 (900)	600 (815)	478 (650)	441 (600)
At speed (Power)	rpm	2300	2300	2300	2300	1800
Maximum no load governed speed at max rating	rpm	2500	2500	2500	2500	2000
Minimum idling speed	rpm	600	600	600	600	600
Specific fuel consumption at full load	g / kWh @ rpm	228 @WOT	225 @WOT	225 @WOT	221 @WOT	210 @WOT
Sea water flow	l / h	27400	24600	22300	17800	19300
Inlet air flow	m ³ / s	0,764	0,688	0,624	0,497	0,583
Exhaust gas flow	m ³ / s	0,802	0,722	0,655	0,521	0,604
Maximum torque	Nm	3500	-	-	-	2650
At speed (Torque)	rpm	1700	-	-	-	1300