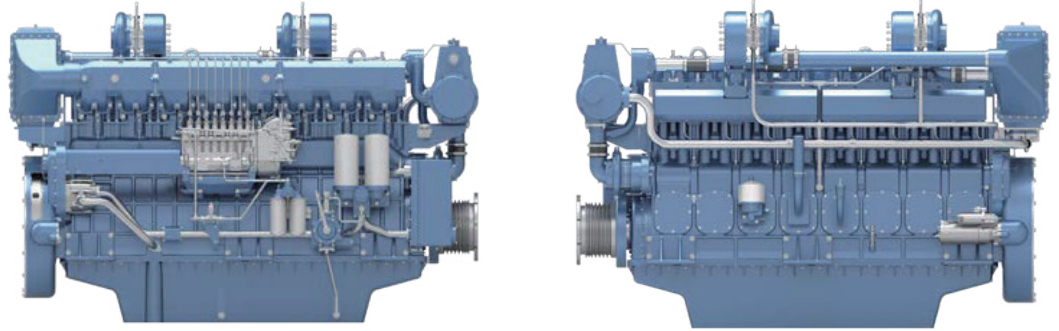


# 8170



### Technical Data

Engine Model	8170ZC720-2	8170ZC818-3	8170ZC900-3	8170ZC1000-5
Rated Power, Hp(kw)	720(530)	818(601)	900(661)	1000(735)
Rated Speed (rpm)	1200	1350	1350	1500
Power Rating	P1			
Min. Fuel Consumption, g/(kW·h)	195			
Number of Cylinders & Configuration	in-line 8			
Description	4-stroke, direct-injected, turbocharged diesel engine with charge air cooler			
Bore x Stroke, mm	170 x 200 mm			
Displacement, L	36.32 L			
Compression Ratio	15.1:1			
Dry Weight, kg	3800 kg			
Emission	IMO Tier II			
Firing Order	1-6-2-4-8-3-7-5			
Idle Speed, r/min	500	550	550	600
Flywheel housing/Flywheel	SAE 0/14", 16" veya 18"			

### Class Definition

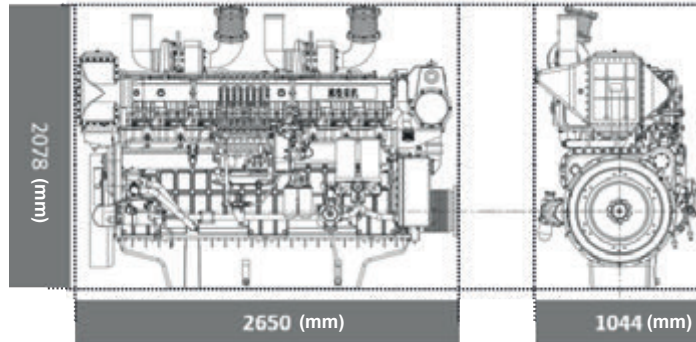
Power Classification	Time at full load	Mean Engine Load Factor	Annual Working Time
P1 Continuous Duty	Unlimited	70% ~ 100%	recommended but not limited to 5000h-8000h
P2 Heavy Duty	8h per 12h	40% ~ 80%	recommended but not limited to 5000h
P3 Intermittent Duty	4h per 12h	40% ~ 80%	recommended but not limited to 3000h
P4 Light Duty	2h per 8h	60%	recommended but not limited to 1000h
P5 High Performance Duty	0.5h per 5h	60%	recommended but not limited to 500h

### Power Definition

Standard ISO 3046/1 - 1995 (F)

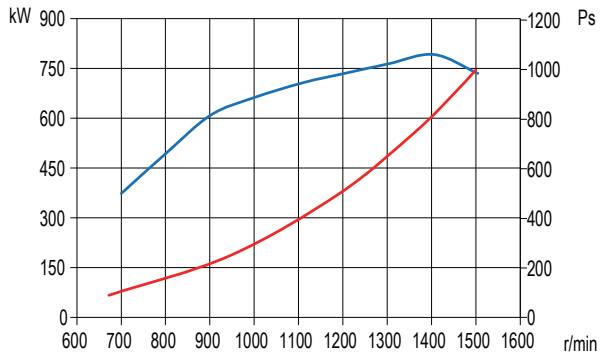
## 8170

### Engine Dimensions ( mm )

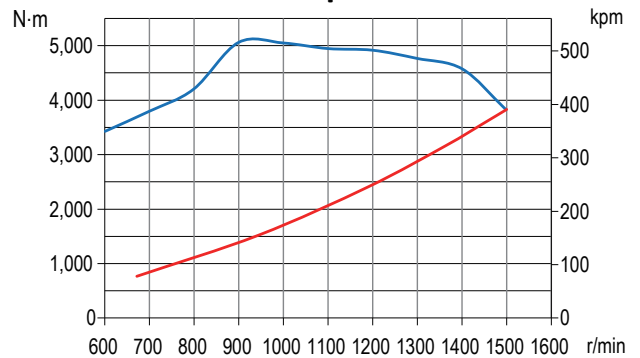


### Performance Curves (8170ZC1000-5)

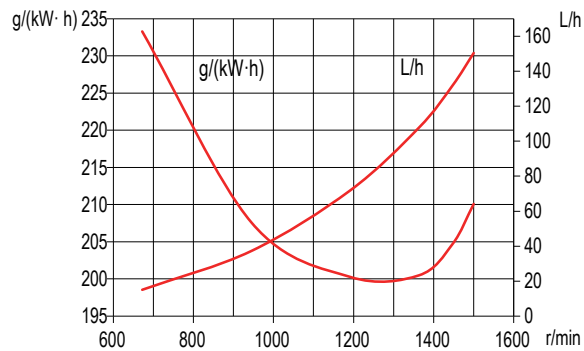
#### Power



#### Torque



#### Fuel Consumption



— Full load speed characteristics — Propeller characteristics