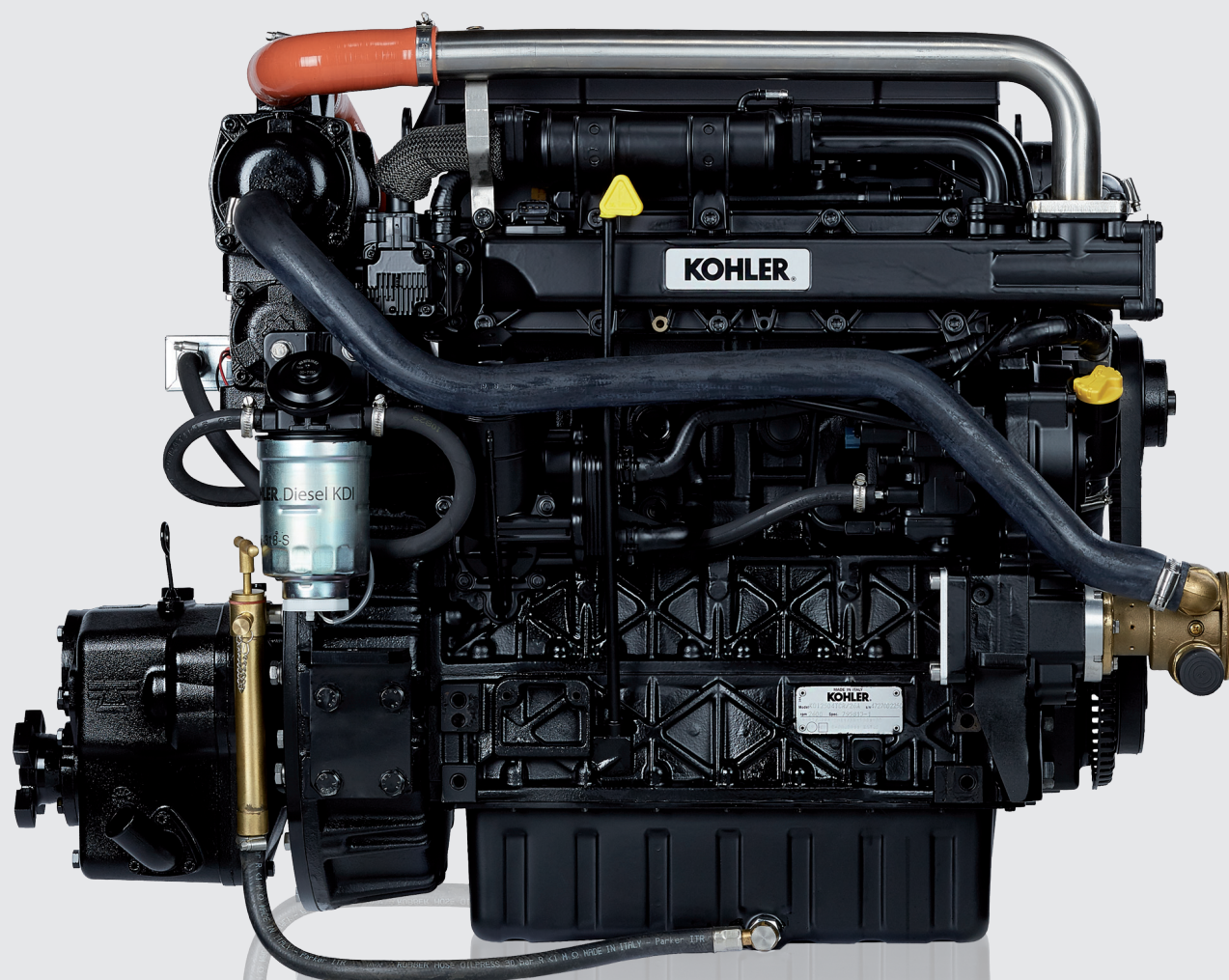


# KDI TCR Marine Propulsion

56 - 74 hp



**LOMBARDINI**  
**Marine**  
**KOHLER** Engines

# KDI 1903TCR

## Marine Propulsion

### QUICK SPECIFICATIONS

**3**

Turbo Common Rail

**CYLINDERS**

**56**

hp

**42**

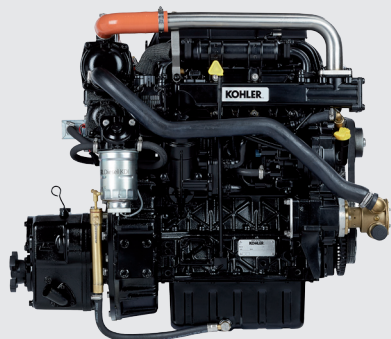
kW

@ 2600 rpm  
2013/53/EU  
(EU RCD2)

**225**

Nm

@ 1500 rpm



### STANDARD EQUIPMENT

Digital De Luxe-panel

Alternator 12V - 100A

Electric starting

Oil extraction pump

100Nm PTO facility

Exhaust mixing elbow

Fresh water expansion tank

Sea water pump front mounted

### ACCESSORIES ON DEMAND

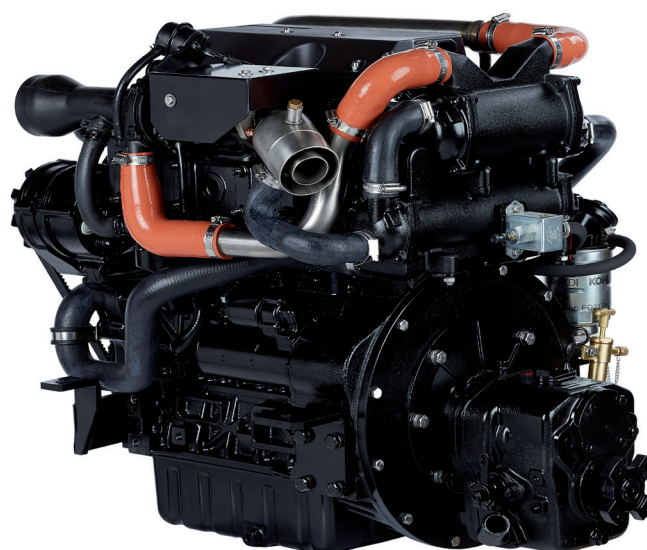
Set of flexible engine mounts

Hot water take-off kit

Second station harness and panel

Oil pressure sensor for Digital  
De Luxe-panel

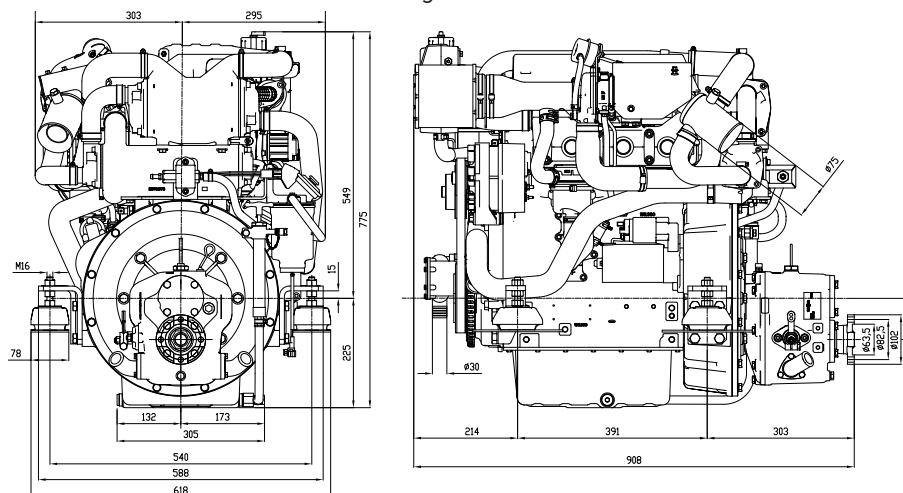
NMEA 2000 converter for Engine  
monitory system



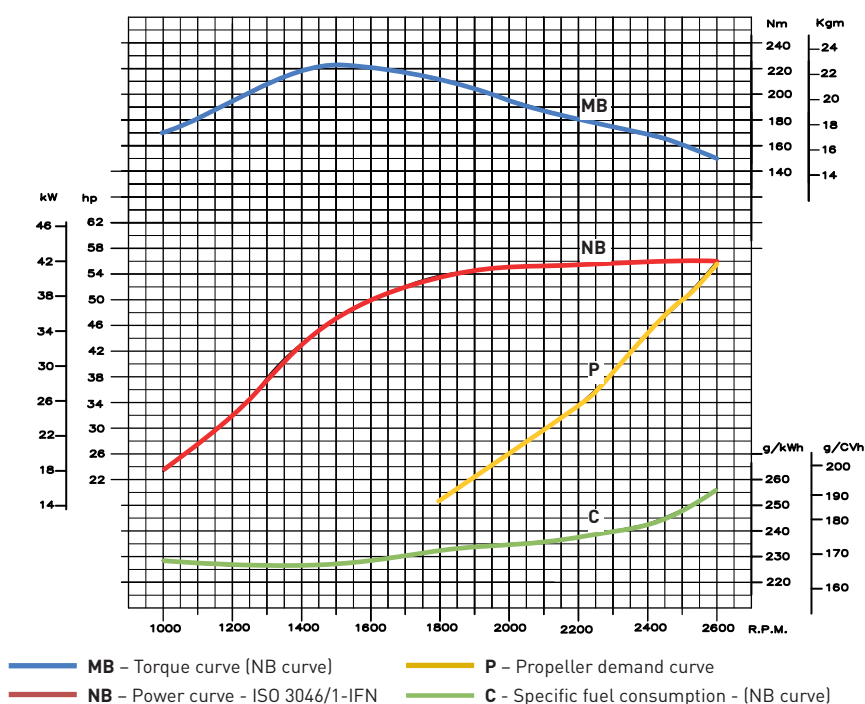
## DATA

### DIMENSIONS (mm)

KDI 1903TCR with TMC260 marine gear

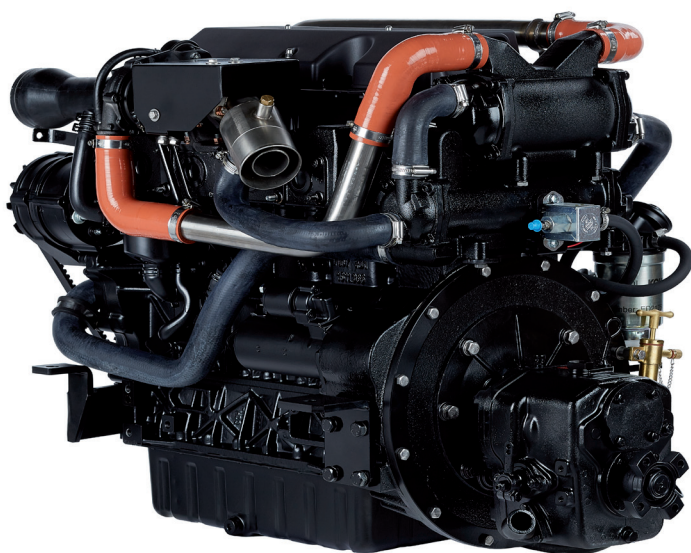


### PERFORMANCE CURVES (ACCORDING TO ISO 14396)



Power ratings refer to engines equipped with air filter, standard muffler, after running-in period at ambient conditions of +25°C, relative humidity 30% and 1 bar. Power levels drop by 1% every 100 m altitude and by 2% every 5°C above +25°C.





# KDI2504TCR

## Marine Propulsion

### QUICK SPECIFICATIONS

**4**

**CYLINDERS**

Turbo Common Rail

**74**

**hp**

**55.4**

**kW**

@ 2600 rpm

2013/53/EU

(EU RCD2)

**300**

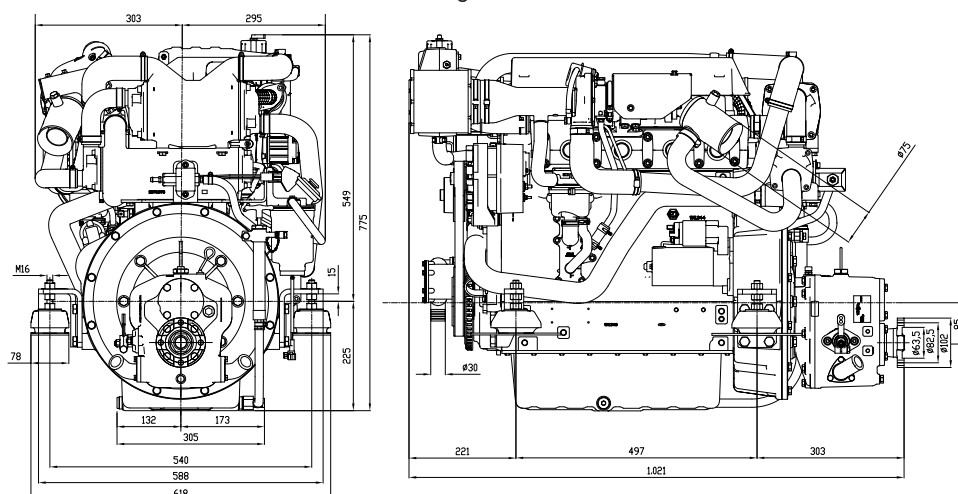
**Nm**

@ 1500 rpm

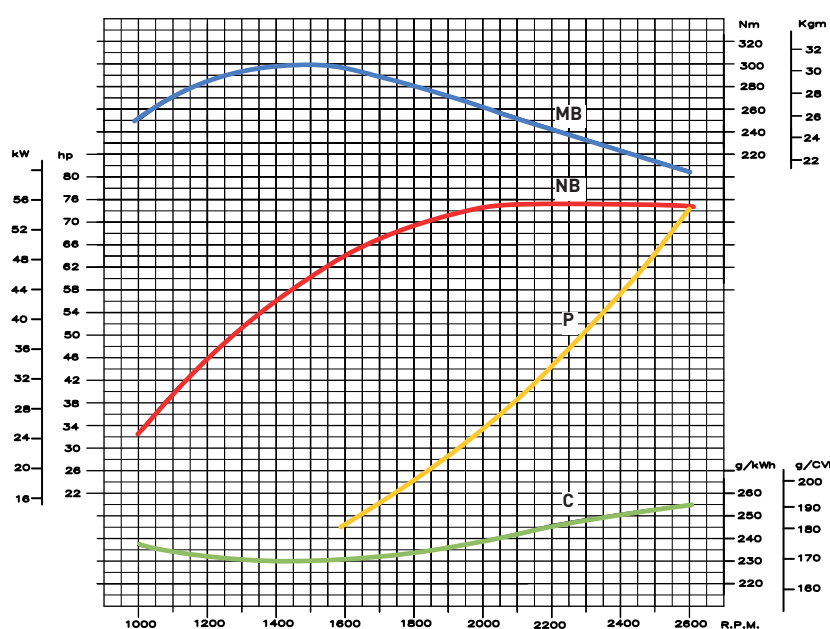
## DATA

### DIMENSIONS (mm)

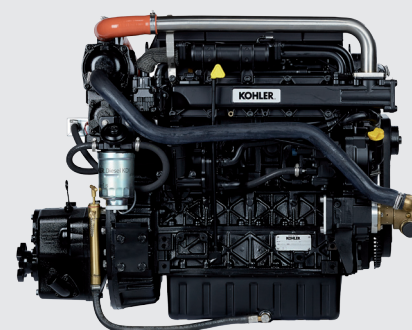
KDI 2504TCR with TMC260 marine gear



### PERFORMANCE CURVES (ACCORDING TO ISO 14396)



Power ratings refer to engines equipped with air filter, standard muffler, after running-in period at ambient conditions of +25°C, relative humidity 30% and 1 bar. Power levels drop by 1% every 100 m altitude and by 2% every 5°C above +25°C.



### STANDARD EQUIPMENT

Digital De Luxe-panel

Alternator 12V - 100A

Electric starting

Oil extraction pump

100Nm PTO facility

Exhaust mixing elbow

Fresh water expansion tank

Sea water pump front mounted

### ACCESSORIES ON DEMAND

Set of flexible engine mounts

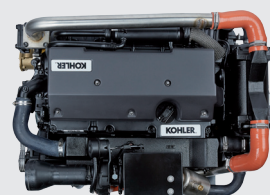
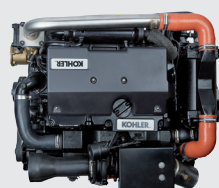
Hot water take-off kit

Second station harness and panel

Oil pressure sensor for Digital De Luxe-panel

NMEA 2000 convertor for Engine monitory system

# TURBO COMMON RAIL ENGINES



Model		KDI1903TCR MEM	KDI2504TCR MEM
Engine specs	4 stroke diesel with cylinder in line	•	•
	Liquid cooling	•	•
	4 valves per cylinder	•	•
	In crankcase camshaft, gear train driven	•	•
	Pushrod - rocker arms timing with hydraulic tappets	•	•
	Cast iron crankcase with bed-plate	•	•
	Cast iron cylinder head	•	•
	Closed crankcase ventilation system	•	•
Technical features	Cylinder	3	4
	Bore (mm)	88	88
	Stroke (mm)	102	102
	Engine displ (cm³)	1861	2482
	Injection system	DI	DI
	Injection Equipment	Common Rail (2000 bar)	Common Rail (2000 bar)
	Starting system	Electric starting 12V	Electric starting 12V
	Alternator	12V-100A	12V-100A
Performance	Emission compliance	2013/53/EU (EU RCD2)	2013/53/EU (EU RCD2)
	Max power (IFN - ISO 3046 and ISO 14396) (hp@rpm)	56@2600	74@2600
	Max torque (IFN - ISO 3046 and ISO 14396) (Nm@rpm)	225@1500	300@1500
Physical characteristics	Dry weight without gear (kg)	284	323
	Daily service points - positions	1 side service	1 side service
Auxiliary PTOs	Max torque (Nm)	100	100



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