

# WÄRTSILÄ 20

## Main data

Cylinder bore.....200 mm  
 Piston stroke.....280 mm  
 Cylinder output..... 180, 200 kW/cyl  
 Speed..... 1000 rpm  
 Mean effective pressure ..... 24.6, 28.0 bar  
 Piston speed..... 9.3 m/s

Fuel specification:  
 Fuel oil ..... 730 cSt/50 °C  
 7200 sR1/100 °F  
 ISO 8217, category ISO-F-RMK 700  
 SFOC 184–193 g/kWh  
 at ISO condition

## Options:

Common rail fuel injection, humidification of combustion air for NO<sub>x</sub> reduction.

## Rated power

Engine type	180 kW/cyl		200 kW/cyl	
	kW	bhp	kW	bhp
4L20	720	980	800	1 085
6L20	1 080	1 470	1 200	1 630
8L20	1 440	1 960	1 600	2 175
9L20	1 620	2 200	1 800	2 450

## Dimensions (mm) and weights (tonnes)

Engine type	A*	A	B*	B	C*	C	D	F	Weight
4L20	–	2 510	–	1 348	–	1 483	1 800	725	7.2
6L20	3 254	3 108	1 528	1 348	1 580	1 579	1 800	624	9.3
8L20	3 973	3 783	1 614	1 465	1 756	1 713	1 800	624	11.0
9L20	4 261	4 076	1 614	1 449	1 756	1 713	1 800	624	11.6

\*Turbocharger at flywheel end.

For definitions see page 67.

