

WÄRTSILÄ 32

Main data

Cylinder bore..... 320 mm
 Piston stroke..... 400 mm
 Cylinder output..... 500 kW/cyl
 Speed..... 750 rpm
 Mean effective pressure..... 24.9 bar
 Piston speed..... 10.0 m/s

Fuel specification:
 Fuel oil..... 730 cSt/50 °C
 7200 sR1/100 °F
 ISO 8217, category ISO-F-RMK 700
 SFOC 173–180 g/kWh
 at ISO condition

Options:

Common rail fuel injection, humidification of combustion air for NO_x reduction.
 Variable inlet valve closure.

Rated power

Engine type	500 kW/cyl	
	kW	bhp
6L32	3 000	4 080
7L32	3 500	4 760
8L32	4 000	5 440
9L32	4 500	6 120
12V32	6 000	8 160
16V32	8 000	10 870
18V32	9 000	12 240

Dimensions (mm) and weights (tonnes)

Engine type	A*	A	B*	B	C	D	F	Weight
6L32	4 980	5 260	2 560	2 490	2 305	2 345	1 155	33.3
7L32	5 470	5 750	2 560	2 490	2 305	2 345	1 155	39.0
8L32	5 960	6 245	2 360	2 295	2 305	2 345	1 155	43.4
9L32	6 450	6 730	2 360	2 295	2 305	2 345	1 155	46.8
12V32	6 935	6 615	2 715	2 665	3 020	2 120	1 475	58.7
16V32	8 060	7 735	2 480	2 430	3 020	2 120	1 475	74.1
18V32	8 620	8 295	2 480	2 430	3 020	2 120	1 475	81.2

*Turbocharger at flywheel end.

For definitions see page 67.

