

WÄRTSILÄ 38

Main data

Cylinder bore..... 380 mm
 Piston stroke..... 475 mm
 Cylinder output..... 675, 725 kW/cyl
 Speed 600 rpm
 Mean effective pressure 25.1, 26.9 bar
 Piston speed..... 9.5 m/s

Fuel specification:
 Fuel oil 730 cSt/50 °C
 7200 sR1/100 °F
 ISO 8217, category ISO-F-RMK 700
 SFOC 173–175 g/kWh
 at ISO condition

Option:

Common rail fuel injection.

Rated power

Engine type	725 kW/cyl	
	kW	bhp
6L38	4 350	5 915
8L38	5 800	7 885
9L38	6 525	8 870
12V38	8 700	11 830
16V38	11 600	15 770

Dimensions (mm) and weights (tonnes)

Engine type	A*	A	B*	B	C	D	F	Weight
6L38	6 345	6 220	2 830	2 830	2 190 (2 210*)	3 135	1 115	51
8L38	7 925	7 545	2 820	2 770	2 445	3 135	1 115	63
9L38	8 525	8 145	2 820	2 770	2 445	3 135	1 115	72
12V38	7 615	7 385	2 930	2 930	3 030	2 855	1 435	88
16V38	9 130	8 945	3 105	3 105	3 030	2 855	1 435	110

* Turbocharger at flywheel end.
 For definitions see page 67.

