

WÄRTSILÄ RT-flex60C

Main data: Version B

Cylinder bore..... 600 mm
 Piston stroke..... 2250 mm
 Speed..... 91–114 rpm
 Mean effective pressure at R1..... 20.0 bar
 Piston speed..... 8.6 m/s

Fuel specification:
 Fuel oil..... 730 cSt/50°C
 7200 sR1/100°F
 ISO 8217, category ISO-F-RMK 55

Rated power: Propulsion engines

Cyl.	Output in kW/bhp at							
	114 rpm				91 rpm			
	R1		R2		R3		R4	
	kW	bhp	kW	bhp	kW	bhp	kW	bhp
5	12 100	16 450	8 450	11 500	9 650	13 125	8 450	11 500
6	14 520	19 740	10 140	13 800	11 580	15 750	10 140	13 800
7	16 940	23 030	11 830	16 100	13 510	18 375	11 830	16 100
8	19 360	26 320	13 520	18 400	15 440	21 000	13 520	18 400
9	21 780	29 610	15 210	20 700	17 370	23 625	15 210	20 700

Brake specific fuel consumption (BSFC)

	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph
Load 100%	170	125	164	120	170	125	166	122
BMEP, bar	20.0		14.0		20.0		17.5	

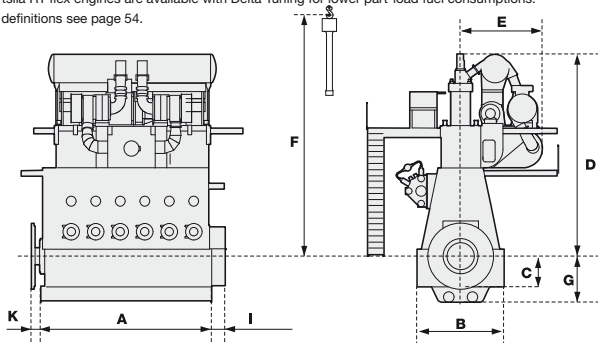
Principal engine dimensions (mm) and weights (tonnes)

Cyl.	A	B	C	D	E	F*	G	I	K	Weight
5	6 213	3 700	1 300	8 570	3 660	10 500	1 955	647	425	268
6	7 253	3 700	1 300	8 570	3 660	10 500	1 955	647	425	322
7	8 293	3 700	1 300	8 570	3 660	10 500	1 955	647	425	377
8	9 333	3 700	1 300	8 570	3 660	10 500	1 955	647	425	428
9	10 373	3 700	1 300	8 570	3 660	10 500	1 955	647	425	480

* Standard piston dismantling height, can be reduced with tilted piston withdrawal.

Wärtsilä RT-flex engines are available with Delta Tuning for lower part-load fuel consumptions.

For definitions see page 54.



WÄRTSILÄ RT-flex60C

Main data

Cylinder bore..... 600 mm
 Piston stroke..... 2250 mm
 Speed..... 91–114 rpm
 Mean effective pressure at R1..... 19.5 bar
 Piston speed..... 8.6 m/s

Fuel specification:

Fuel oil..... 730 cSt/50°C
 7200 sR1/100°F
 ISO 8217, category ISO-F-RMK 55

Rated power: Propulsion engines

Cyl.	Output in kW/bhp at							
	114 rpm				91 rpm			
	R1		R2		R3		R4	
	kW	bhp	kW	bhp	kW	bhp	kW	bhp
5	11 800	16 050	8 250	11 200	9 400	12 800	8 250	11 200
6	14 160	19 260	9 900	13 440	11 280	15 360	9 900	13 440
7	16 520	22 470	11 550	15 680	13 160	17 920	11 550	15 680
8	18 880	25 680	13 200	17 920	15 040	20 480	13 200	17 920
9	21 240	28 890	14 850	20 160	16 920	23 040	14 850	20 160

Brake specific fuel consumption (BSFC)

	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph
Load 100%	170	125	164	120	170	125	166	122
BMEP, bar	19.5		13.7		19.5		17.0	

Principal engine dimensions (mm) and weights (tonnes)

Cyl.	A	B	C	D	E	F*	G	I	K	Weight
5	6 213	3 700	1 300	8 570	3 660	10 500	1 955	647	425	268
6	7 253	3 700	1 300	8 570	3 660	10 500	1 955	647	425	322
7	8 293	3 700	1 300	8 570	3 660	10 500	1 955	647	425	377
8	9 333	3 700	1 300	8 570	3 660	10 500	1 955	647	425	428
9	10 373	3 700	1 300	8 570	3 660	10 500	1 955	647	425	480

* Standard piston dismantling height, can be reduced with tilted piston withdrawal.

Wärtsilä RT-flex engines are available with Delta Tuning for lower part-load fuel consumptions.

For definitions see page 54.

