

Main data:

Cylinder bore..... 430 mm
 Piston stroke..... 1500 mm
 Speed..... 120 – 160 rpm
 Mean effective pressure at P1..... 18.1 bar
 Piston speed..... 8.0 m/s

Rated power: Propulsion engines

Cyl.	Output in kW/bhp at							
	160 rpm				120 rpm			
	P1		P2		P3		P4	
	kW	bhp	kW	bhp	kW	bhp	kW	bhp
4	4 200	5 720	3 040	4 130	3 160	4 290	2 280	3 100
5	5 250	7 150	3 800	5 170	3 950	5 360	2 850	3 870
6	6 300	8 580	4 560	6 200	4 740	6 440	3 420	4 650
7	7 350	10 010	5 320	7 230	5 530	7 510	3 990	5 420
8	8 400	11 440	6 080	8 270	6 320	8 580	4 560	6 200

Brake specific fuel consumption (BSFC)

	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph	g/kWh	g/bhph
Load 100%	173	127	166	122	173	127	166	122
BMEP, bar	18.1		13.1		18.1		13.1	

Principal engine dimensions (mm) and weights (tonnes)

Cyl.	A	B	C	D	E	F	G	I	K	Weight
4	3 738	2 520	690	5 827	2 135	7 100	1 287	–	352	104
5	4 494	2 520	690	5 827	2 135	7 100	1 287	–	352	124
6	5 250	2 520	690	5 827	2 135	7 100	1 287	–	352	144
7	6 006	2 520	690	5 827	2 135	7 100	1 287	–	352	164
8	6 762	2 520	690	5 827	2 135	7 100	1 287	–	352	187

For definitions, including the basis for fuel consumption of UE engines, see page 39.

