

Vetus Marine Diesel Engines supplied by *Lancing Marine*

M2.13 - 12 HP at 3600 RPM

M2.18 - 16 HP at 3600 RPM

M3.29 - 27 HP at 3600 RPM

M4.35 - 33 HP at 3000 RPM

M4.45 - 42 HP at 3000 RPM

M4.56 - 52 HP at 3000 RPM

VH4.65 - 65 HP at 3000 RPM

VH4.80 - 80 HP at 4000 RPM

Standard design features

Normally aspirated
Lightweight
Gearbox adaptation
Indirect injection
Automatic starting aids
Fuel lift pumps
Heat exchanger cooling
Wiring harness and control panel

Spin-on oil filter
Anti-vibration mountings
Electric starting
Electric stop control
Sump pump
Water-injected exhaust
Morse control connection

Optional extras

Dieselize version for existing sterndrive
Genset or hydraulic power version
Keel cooling
Choice of extra instrumentation
"Smart" alternator control
Calorifier take-offs

Load-split charge relay
I.W. low pressure fuel hoses
Auxiliary fuel filter
Water feed for deep sea seal
Power take-off pulley
Dual station gearshift connection

Detailed specification

Engine model	M2.13	M2.18	M3.29	M4.35	M4.45	M4.56	VH4.65	VH4.80
Power, max, HP	12	16	27	33	42	52	65	80
R.P.M., max	3000	3600	3600	3000	3000	3000	3000	4000
Torque, max, N-Met	33	35	60	84	106	127	170	170
Bore, mm	76	76	76	78	78	78	91.1	91.1
Stroke, mm	70	70	70	92	92	92	100	100
Number of cylinders	2	2	3	4	4	4	4	4
Capacity, cc	635	635	952	1758	1758	1758	2607	2607
Engine rotation	anti-clockwise, viewed on flywheel							
Alternator output, standard A	75	75	75	110	110	110	115	115
Alternator output, optional A	110							
Battery capacity, A-H, min	55	55	55	55	108	108	108	108
Fuel consumption at max power, litres/hour	3.1	4.4	6.8	7.9	10.1	12.2	15	21
Specific fuel consumption, best, gms/HP/hour	195	196	199	185	185	180	188	188
Fuel feed pipe diameter, mm	8	8	8	8	8	8	8	8
Fuel return pipe diameter, mm	8	8	8	8	8	8	8	8
Sea water inlet diameter, mm	20	20	20	20	20	28	25	25
Exhaust outlet diameter, mm	40	40	40	50	50	60	75	75
Coolant capacity, liters	2.2	2.2	3.0	6.5	6.6	6.6	12	12
Oil sump capacity, liters	2.4	2.4	3.6	5.6	5.6	5.6	7	7
Weight, ready for gearbox, Kg	98	98	125	185	185	180	216	221

Engine dimensions mm

Engine model	M2.13	M2.18	M3.29	M4.35	M4.45	M4.56	VH4.65	VH4.80
A	469	469	552	660	660	659	719	719
B	350	360	443	585	585	585	585	585
C	350	350	350	399	399	399	460	460
D	178	178	178	195	195	195	179	179
E	109	109	109	75	75	74	134	134
F	58-92	70-92	87-95	60-87	60-87	60-87	79	79
G	430	430	430	430	430	430	465	465
H	495	505	516	490	490	490	643	643

J & K

see appropriate gearbox information page

All numerical data certified within $\pm 5\%$

Vetus[®]
MARINE DIESEL ENGINES
supplied by

