

Vetus Marine Diesel Engines supplied by *Lancing Marine*

M2.C5 - 11 HP at 3000 RPM

M2.D5 - 13 HP at 3600 RPM

M2.O6 - 16 HP at 3600 RPM

M3.28 - 27 HP at 3600 RPM

M4.15 - 33 HP at 3000 RPM

M4.17 - 42 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
Calorifier take-offs

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

Optional extras

Dieselize version for existing sterndrive
Genset or hydraulic power version
Keel cooling
Choice of instrumentation
"Smart" alternator control

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.C5 | M2.D5 | M2.O6 | M3.28 | M4.15 | M4.17 | VH4.65 | VH4.80 |
|--|------------------------------------|-------|-------|-------|-------|-------|--------|--------|
| Power, max, HP | 11 | 13 | 16 | 27 | 33 | 42 | 65 | 80 |
| R.P.M., max | 3000 | 3600 | 3600 | 3600 | 3000 | 3000 | 3000 | 4000 |
| Torque, max, N-Met | 26 | 24 | 29 | 53 | 74 | 98 | 170 | 170 |
| Bore, mm | 70 | 70 | 76 | 76 | 78 | 78 | 91.1 | 91.1 |
| Stroke, mm | 70 | 70 | 70 | 70 | 78.5 | 92 | 100 | 100 |
| Number of cylinders | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 |
| Capacity, cc | 538 | 538 | 635 | 952 | 1500 | 1758 | 2607 | 2607 |
| Engine rotation | anti-clockwise, viewed on flywheel | | | | | | | |
| Alternator output, standard A | 75 | 75 | 75 | 75 | 110 | 110 | 115 | 115 |
| Alternator output, optional A | 110 | | | | | | | |
| Battery capacity, A-H, min | 55 | 55 | 55 | 55 | 55 | 108 | 108 | 108 |
| Fuel consumption at max power, litres/hour | 2.5 | 3.1 | 4.0 | 6.8 | 7.9 | 10 | 15 | 21 |
| Specific fuel consumption, best, gms/HP/hour | 195 | 195 | 196 | 199 | 185 | 185 | 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 | 20 | 25 | 25 |
| Exhaust outlet diameter, mm | 40 | 40 | 40 | 40 | 50 | 50 | 60 | 75 |
| Coolant capacity, liters | 2.2 | 2.2 | 2.2 | 3.0 | 6.5 | 6.6 | 12 | 12 |
| Oil sump capacity, liters | 2.4 | 2.4 | 2.4 | 3.6 | 5.6 | 5.6 | 7 | 7 |
| Weight, ready for gearbox, Kg | 88 | 88 | 88 | 113 | 170 | 175 | 216 | 221 |

Engine dimensions, mm

| Engine model | M2.C5 | M2.D5 | M2.O6 | M3.28 | M4.15 | M4.17 | VH4.65 | VH4.80 |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|
| A | 452 | 452 | 452 | 538 | 660 | 660 | 719 | 719 |
| B | 360 | 360 | 360 | 443 | 585 | 585 | 585 | 585 |
| C | 332 | 332 | 332 | 332 | 380 | 380 | 460 | 460 |
| D | 168 | 168 | 168 | 168 | 195 | 195 | 179 | 179 |
| E | 92 | 92 | 92 | 92 | 75 | 75 | 134 | 134 |
| F | 70 | 70 | 92 | 92 | 71 | 71 | 79 | 79 |
| G | 430 | 430 | 430 | 430 | 430 | 430 | 465 | 465 |
| H | 494 | 494 | 533 | 517 | 490 | 490 | 643 | 643 |

J & K see appropriate gearbox information page

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

Vetus[®]
MARINE DIESEL ENGINES

supplied by

