

SHIRE[®]

SEAGOING RANGE





Seagoing Engine Range January 2015

Engine Range

Engine Model	15RB	20RB	30WB	40WB	50WB	70WB	85WB	130WB
Cylinders	2	3	3	4	4	4	4	6
Horsepower	15	20	30	40	50	70	85	130
RPM	2800	2800	3000	2600	3000	2500	2500	2500
Cylinder CC	749	1123	1331	2190	2190	3319	4500	6800
STANDARD SPECIFICATION								
Heat Exchanger Cooled	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Manifold	Wet	Wet	Dry	Dry / Wet	Wet	Dry	Dry	Dry
Fresh and Sea Water Pumps	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Water Injection Bend	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
12 Volt Electric Start	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
24 Volt Electrical Start	No	No	No	Option	Option	Option	Option	Option
Alternator (12 Volt)	50 Amp	50 Amp	50 Amp	50 Amp	50 Amp	50 Amp	120 Amp	120 Amp
Start / Stop Panel	STD Basic	STD Basic	STD Basic	STD Basic	STD Basic	Deluxe	Deluxe	Deluxe
Air Cleaner/Silencer	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Sump Drain Pump	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Morse Type Connectors	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
AVM's for Smooth Running	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Flexible Fuel Lines	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Remote Header Tank Kit	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
GEARBOX								
PRM 80 Mechanical	Standard	Standard	No	No	No	No	No	No
PRM 120 Mechanical	No	No	Option	No	No	No	No	No
PRM 150 Hydraulic	No	No	Standard	Standard	Standard	No	No	No
PRM 260 Hydraulic	No	No	No	Option	Option	Standard	Standard	No
PRM 500 Hydraulic	No	No	No	No	No	Option	Option	Standard

Price List

Engine Model	15RB	20RB	30WB	40WB	50WB	70WB	85WB	130WB
With Standard Gearbox	£3,244.00	£3,744.00	£4,494.00	£5,869.00	£6,619.00	£7,869.00	£8,994.00	£12,494.00
With PRM 80 Gearbox	Standard	Standard	N/A	N/A	N/A	N/A	N/A	N/A
With PRM 120 Gearbox	N/A	N/A	£4,185.00	N/A	N/A	N/A	N/A	N/A
With PRM 150 Gearbox	N/A	N/A	Standard	Standard	Standard	N/A	N/A	N/A
With PRM 260 Gearbox	N/A	N/A	N/A	£6,400.00	£7,070.00	Standard	Standard	N/A
With PRM 500 Gearbox	N/A	N/A	N/A	N/A	N/A	£8,140.00	£9,465.00	Standard
Deluxe Panel	£100.00	£100.00	£100.00	£100.00	£100.00	Included	Included	Included
Additional Extension Harness	£29.00	£29.00	£29.00	£29.00	£29.00	£29.00	£29.00	£29.00
Shaft Extension PTO	£156.00	£156.00	£156.00	£156.00	£156.00	£156.00	£156.00	£156.00
Single Lever Control Head (side mounted)	£89.00	£89.00	£89.00	£89.00	£89.00	£89.00	£89.00	£89.00
3 Metre Control Cable (x2)	£14.00	£14.00	£14.00	£14.00	£14.00	£14.00	£14.00	£14.00

**OVER £250 WORTH OF "EXTRAS" INCLUDED IN OUR STANDARD PRICE.
OUR STANDARD "EXTRAS" INCLUDE:-**

Remote coolant header tank | Flexible fuel line (2 x 1m) | Diesel fuel filter/water separator | Electric fuel lift pump | Engine oil | Engine coolant/anti-freeze | Stainless steel water injection exhaust elbow

All prices shown are ex works and are excluding VAT and subject to the Terms & Conditions of E. P. Barrus Ltd.

E. P. Barrus Ltd., Glen Way, Launton Road, Bicester, Oxfordshire, OX26 4UR

Email: sam.pearson@barrus.co.uk or shire.workboats@barrus.co.uk

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**The Power
Behind the Brands**

Doc No. 01/2015

Shire 15 RB



Specifications

- 2 Cylinder Propulsion Engine
- 15 hp @ 2800 rpm
- Displacement 749 cc
- 150 hour oil and filter change period
- PRM80 Mechanical gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Control panel with warning lights
- Multi engine footprint design enabling ease of repower installations
- 2 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow

SHIRE



Additional Standard Specification

Naturally aspirated, 2 cylinder, 4 cycle in-line water-cooled diesel
142 kg dry weight
Fuel filter with water drain
Full size replaceable air filter for maximum filtration and noise reduction
Engine driven raw water pump, 3/4" (19 mm) hoesetail
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Morse 33C compatible engine speed and shift control connections

Engine sump oil drain pump
Electrical extension loom - 2.3 metres
Heat exchanger water cooled exhaust manifold with stainless steel water injected elbow 50mm (2") outlet
Anti vibration mounts and adjusting screws
Owners handbook
2 and 3D full CAD installation drawings available
Delivered on standard euro pallet

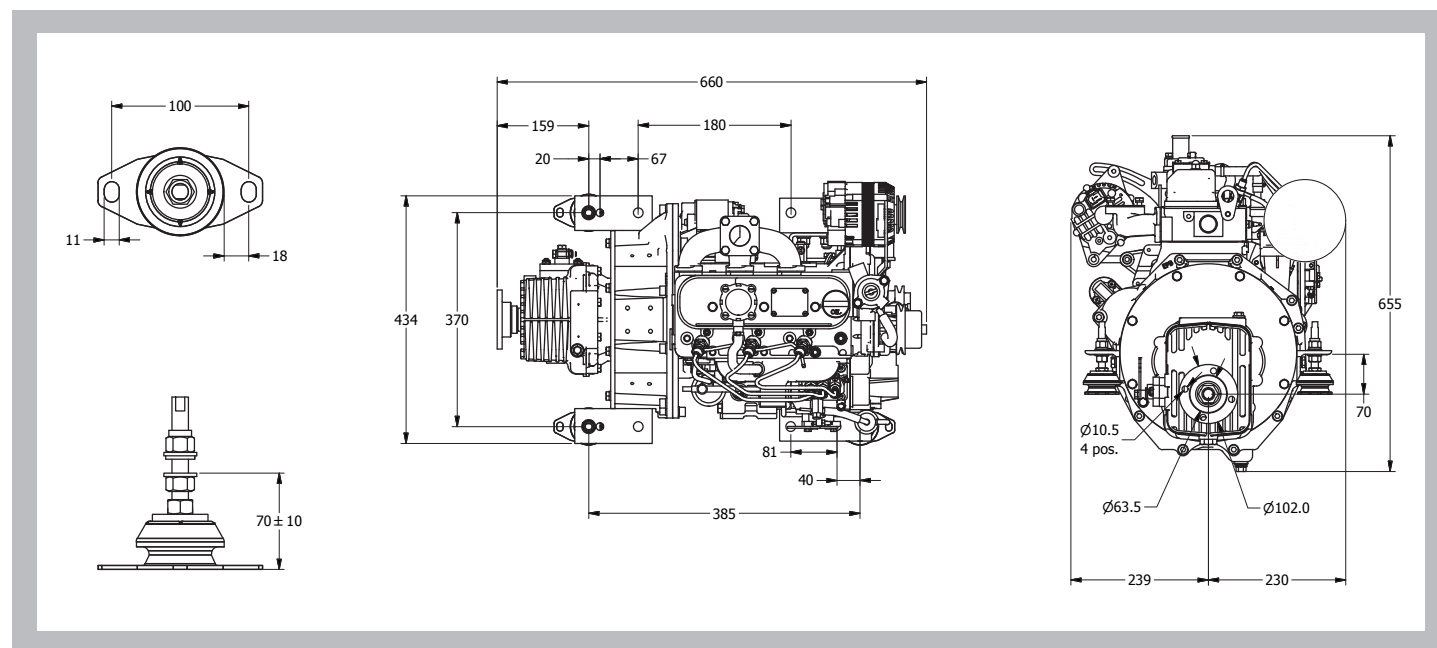
Optional Accessories

Crank mounted stub shaft for PTO (size optional)
Deluxe control panel, which includes specification of basic panel with additional oil pressure, water temp, gauges and voltmeter
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
70 amp alternator
Additional belt
Hydraulic drive system

Standard Basic Control Panel



Dimensions



Dealer Stamp

ISO 9001
BUREAU VERITAS
Certification



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**The Power
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Doc No. 3242

Shire 20 RB



Specifications

- 3 Cylinder Propulsion Engine
- 20 hp @ 2800 rpm
- Displacement 1123 cc
- 150 hour oil and filter change period
- PRM80 Mechanical gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Control panel with warning lights
- Multi engine footplate design enabling ease of repower installations
- 2 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow

SHIRE®



Additional Standard Specification

Naturally aspirated, 3 cylinder, 4 cycle inline water-cooled diesel
160 kg dry weight
Fuel filter with water drain
Full size replaceable air filter for maximum filtration and noise reduction
Engine driven raw water pump, 3/4" (19 mm) hose tail
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Morse 33C compatible engine speed and shift control connections

Engine sump oil drain pump
Electrical extension loom - 2.3 metres
Heat exchanger water cooled exhaust manifold with stainless steel water injected elbow 50mm (2") outlet
Anti vibration mounts and adjusting screws
Owners handbook
2 and 3D full CAD installation drawings available
Delivered on standard euro pallet

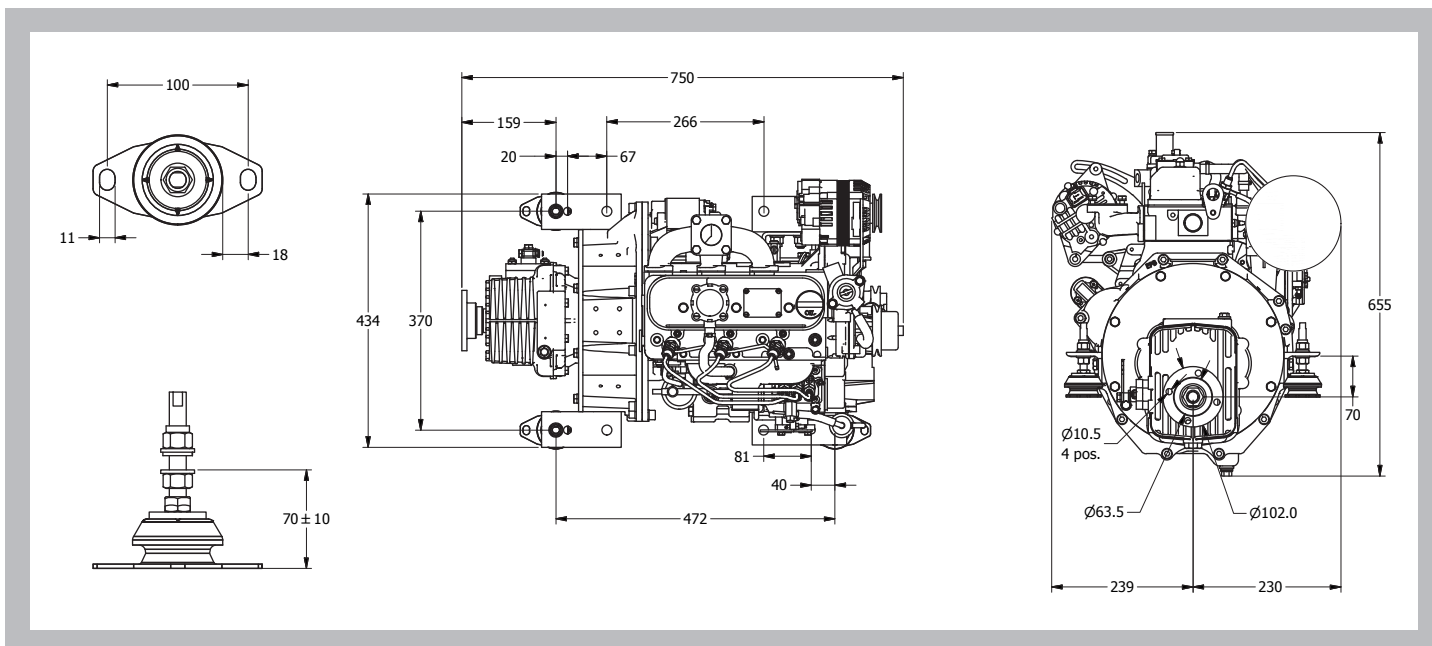
Optional Accessories

Crank mounted stub shaft for PTO (size optional)
Deluxe control panel, which includes specification of basic panel with additional oil pressure, water temp, gauges and voltmeter
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
70 amp alternator
Additional belt
Hydraulic drive system

Standard Basic Control Panel



Dimensions



Dealer Stamp



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**The Power
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Doc No. 3243

Shire 30 Workboat

Specifications

- 3 Cylinder Propulsion Engine
- Yanmar 3TNV Base Engine
- 30 hp @ 3000 rpm
- Displacement 1331 cc
- 250 hour oil and filter change period
- PRM120 Mechanical gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Control panel with warning lights
- 3 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Electric fuel lift pump

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow

SHIRE

YANMAR



Additional Standard Specification

Naturally aspirated, 3 cylinder, 4 cycle inline water-cooled diesel
Yanmar 3TNV82A BDSA base engine
227 kg dry weight
Full size replaceable air filter for maximum filtration and noise reduction
Engine driven raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)

Flexible fuel lines, comply with ISO 7840
Morse 33C compatible engine speed and shift control connections
Engine sump oil drain pump
Electrical extension loom - 2.3 metres
Anti vibration mounts and adjusting screws
Owners handbook
2 and 3D full CAD installation drawings available
Delivered on standard euro pallet

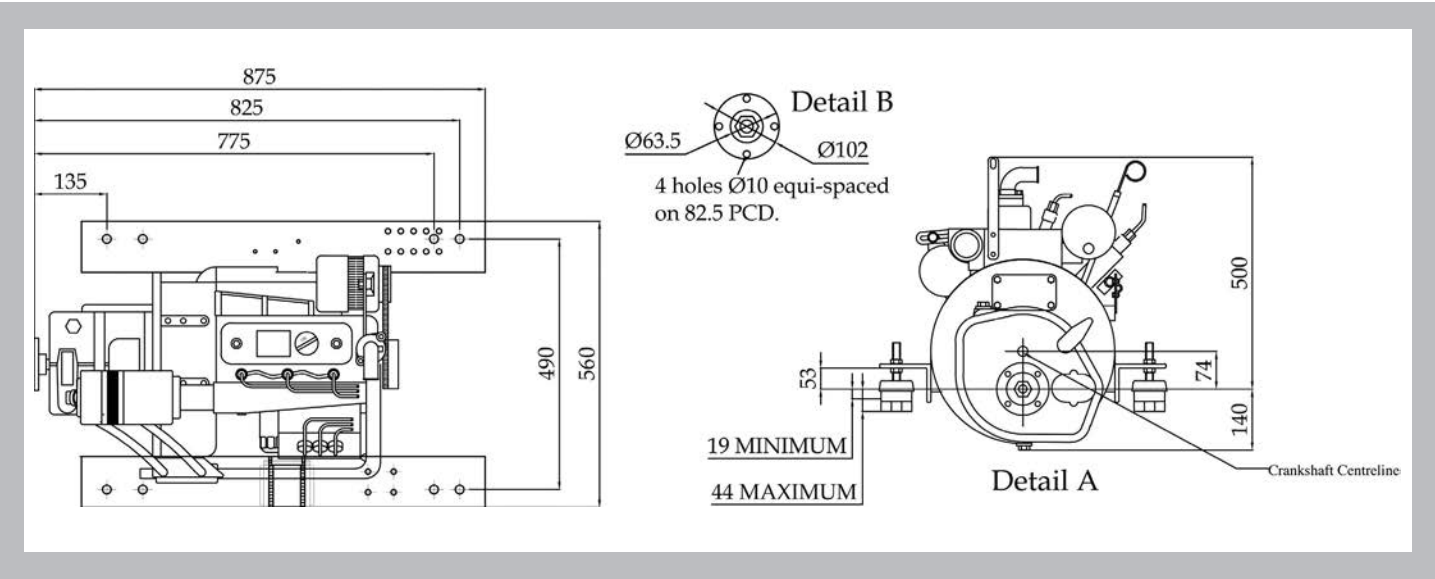
Optional Accessories

PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Crank mounted stub shaft for PTO (32mm)
SAE 9T gear driven PTO, at 0.9 engine speed
Deluxe control panel, which includes specification of basic panel with additional oil pressure, water temp, gauges and voltmeter
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
Gearbox upgrade
70 amp alternator
Domestic travel power up to 5kW 230V
Crankshaft driven saltwater pump
Hydraulic drive system

Standard Basic Control Panel



Dimensions



Dealer Stamp



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Shire 40 Workboat

Specifications

- 4 Cylinder Propulsion Engine
- Yanmar 4TNV Base Engine
- 40 hp @ 2600 rpm
- Displacement 2190 cc
- 250 hour oil and filter change period
- PRM150 Hydraulic gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Control panel with warning lights
- 3 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Electric fuel lift pump

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow



SHIRE

YANMAR

Additional Standard Specification

Naturally aspirated, 4 cylinder, 4 cycle in-line water-cooled diesel
270 kg dry weight
Full size replaceable air filter for maximum filtration and noise reduction
50 amp 12V alternator
Engine driven raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Morse 33C compatible engine speed and shift control connections
Engine sump oil drain pump

Electrical extension loom - 2.3 metres
Basic control panel with warning lights and tachometer and hour meter
Anti vibration mounts and adjusting screws
PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Owners handbook
3 years warranty on engine and components
1 year warranty on all electrical components
2 and 3D full CAD installation drawings available
Delivered on standard euro pallet

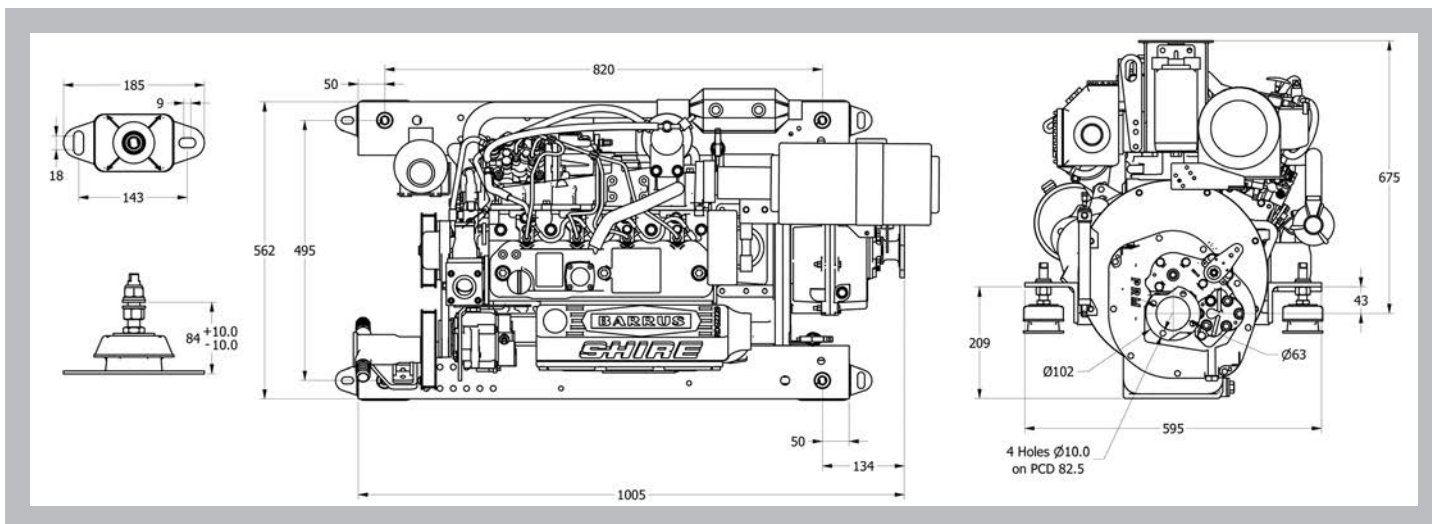
Optional Accessories

PTO for rail mounted items
Crank mounted stub shaft for PTO (32mm)
SAE 9T gear driven PTO, at 0.9 engine speed
Deluxe control panel, which includes specification of basic panel with additional oil pressure, water temp, gauges and voltmeter
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
Gearbox upgrade
70 amp alternator
Domestic travel power up to 5kW 230V
Hydraulic drive system

Standard Basic Control Panel



Dimensions



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**The Power
Behind the Brands**

Doc No. 3245

Shire 50 Workboat



Specifications

- 4 Cylinder Propulsion Engine
- Yanmar 4TNV Base Engine
- 50 hp @ 3000 rpm
- Displacement 2190 cc
- 250 hour oil and filter change period
- PRM150 Hydraulic gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Control panel with warning lights

- 3 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Electric fuel lift pump

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow

SHIRE

YANMAR

Additional Standard Specification

Naturally aspirated, 4 cylinder, 4 cycle inline water-cooled diesel
284 kg dry weight
Full size replaceable air filter for maximum filtration and noise reduction
Engine driven raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Flexible fuel lines, comply with ISO 7840
Morse 33C compatible engine speed and shift control connections

Engine sump oil drain pump
Electrical extension loom - 2.3 metres
Anti vibration mounts and adjusting screws
PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Owners handbook
3 years warranty on engine and components
1 year warranty on all electrical components
2 and 3D full CAD installation drawings available
Delivered on standard euro pallet

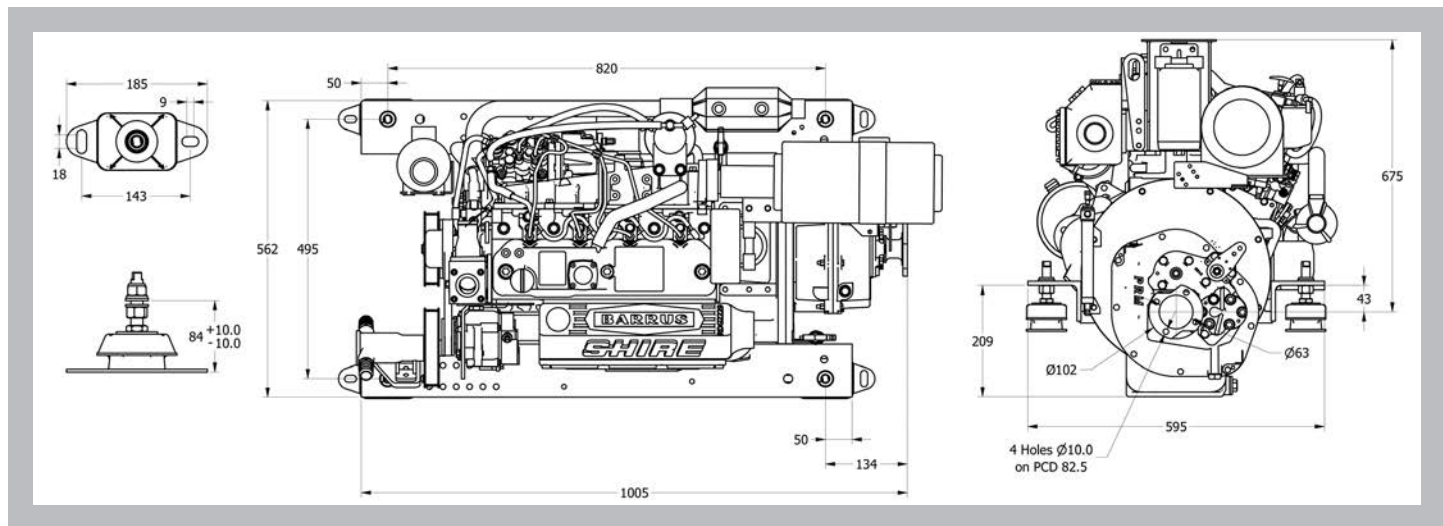
Optional Accessories

PTO for rail mounted items
Crank mounted stub shaft for PTO (32mm)
SAE 9T gear driven PTO, at 0.9 engine speed
Deluxe control panel, which includes specification of basic panel with additional oil pressure, water temp, gauges and voltmeter
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
Gearbox upgrade
70 amp alternator
Domestic travel power up to 5 kW / 230V
Hydraulic drive system

Standard Basic Control Panel



Dimensions



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Shire 70 Workboat



Specifications

- 4 cylinder propulsion engine
- Yanmar 4TNV base engine
- 70 hp @ 2500 rpm
- Displacement 3319 cc
- 250 hour oil and filter change period
- PRM260 hydraulic gearbox
- 50 amp 12V alternator
- Fully dyno tested
- Deluxe panel
- 3 Year Warranty on engine and components
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Electric fuel lift pump

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow



SHIRE

YANMAR

Additional Standard Specification

Naturally aspirated, 4 cylinder, 4 cycle inline water-cooled diesel
Yanmar 4TNV98-N base engine
2:1 ratio
400 kg dry weight
Fuel prefilter with water drain
Full size replaceable air filter for maximum filtration and noise reduction
Engine driven raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Flexible fuel lines, comply with ISO 7840
Morse 33C compatible engine speed and shift control connections

Engine and gearbox sump oil drain pumps
Electrical extension loom - 2.3 metres
Dry exhaust manifold with stainless steel water injected elbow
Anti vibration mounts and adjusting screws
Bulkhead mounted coolant bottle, hoses and clips
PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Owners handbook
2 and 3D full CAD installation drawings available
Full range of accessories
Delivered on standard euro pallet

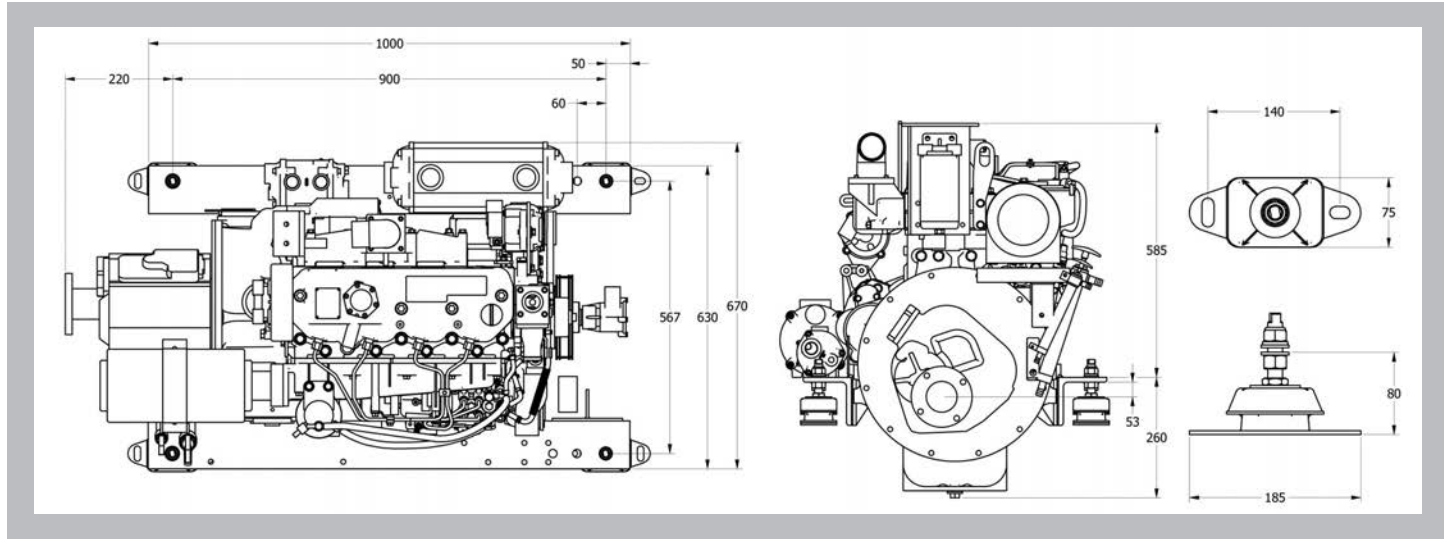
Optional Accessories

PTO for rail mounted items
Crank mounted stub shaft to customers spec
SAE 9T gear driven PTO, at 0.9 engine speed
Seawater strainer
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
Gearbox upgrade
70 amp alternator
Domestic travel power up to 5kW 230V

Deluxe Control Panel



Dimensions



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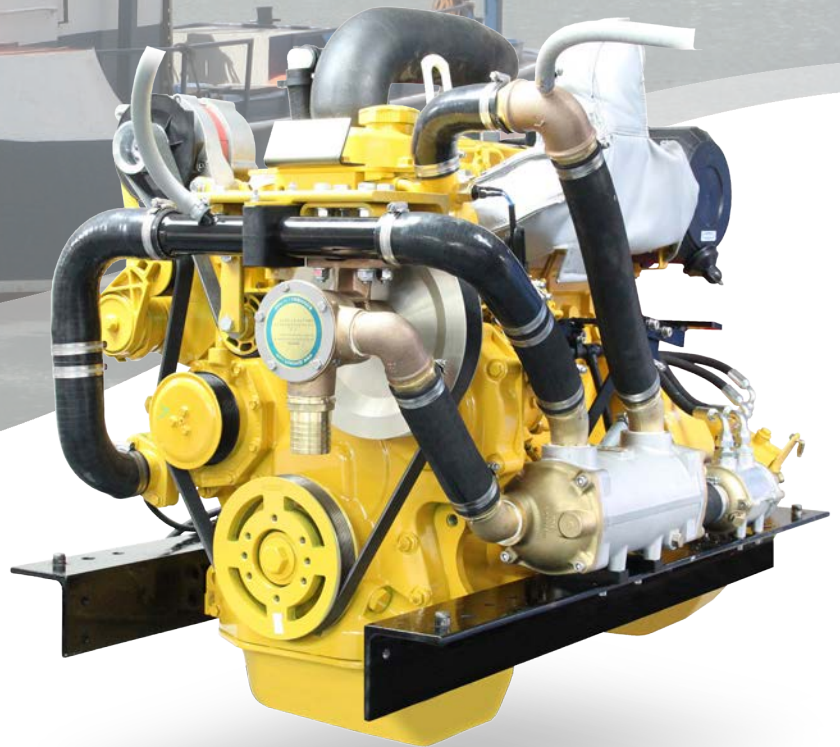


Shire 85 Workboat



Specifications

- 4 Cylinder Propulsion Engine
- John Deere Base Engine
- 85 hp @ 2500 rpm
- Displacement 4500 cc
- 370 hour oil and filter change period
- PRM260 Hydraulic gearbox
- 120 amp 12V alternator
- Fully dyno tested
- Deluxe control panel
- 3 Year Warranty on engine
- 1 Year Warranty on all electrical components



Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow



SHIRE



JOHN DEERE

Additional Standard Specification

Naturally aspirated, 4 cylinder, 4 cycle inline water-cooled diesel
John Deere 4045 DF 270 base engine
545 kg dry weight
Full size replaceable air filter for maximum filtration and noise reduction
Easy access raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Morse 33C compatible engine speed and shift control connections
Engine sump oil drain pump

Electrical extension loom - 2.3 metres
Anti vibration mounts and adjusting screws
Owners handbook
3 years warranty on engine
1 year warranty on all electrical components
2 and 3D full CAD installation drawings available
Full range of accessories
Delivered on standard euro pallet
Engine oil and filter change period 370 hours using original John Deere Plus 50 oil and filter
Gearbox oil sump pump

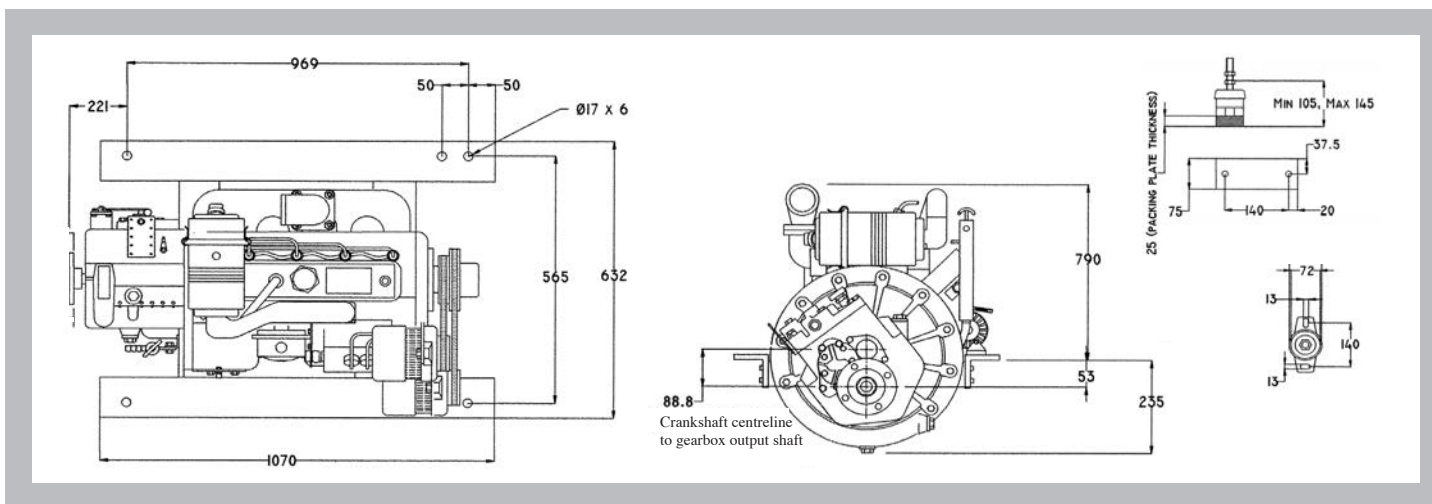
Optional Accessories

Crank mounted stub shaft for PTO (size optional)
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
24 volt electrics
PRM 500 gearbox
Gearbox driven P.T.O (on PRM500)
PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Domestic travel power up to 5kW 230V
Hydraulic Drive System

Deluxe Control Panel



Dimensions



Dealer Stamp

ISO 9001

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**The Power
Behind the Brands**
Doc No. 3248

Shire 130 Workboat

£8,495
ex VAT, ex Stock
Immediate Delivery
See us at Southampton
Boat Show 2015
Stand No. G029

Specifications

- 6 Cylinder Propulsion Engine
- John Deere Base Engine
- 130 hp @ 2500 rpm
- Displacement 6800 cc
- 370 hour oil and filter change period
- PRM500 Hydraulic gearbox
- 120 amp 12V alternator
- Fully dyno tested
- Deluxe control panel
- 3 Year Warranty on engine
- 1 Year Warranty on all electrical components

Accessories Included

Remote coolant header tank

Flexible fuel line (2 x 1m)

Diesel fuel filter / water separator

Engine oil

Engine coolant / anti-freeze

Stainless steel water injection exhaust elbow



NOTE: Engine fitted with optional PTO stub shaft



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JOHN DEERE

Additional Standard Specification

Naturally aspirated, 6 cylinder, 4 cycle inline water-cooled diesel
John Deere 6068 DF 150 base engine
845 kg dry weight
Full size replaceable air filter for maximum filtration and noise reduction
Easy access raw water pump
Easy access to service items from top of engine (filters, anodes, fuses, water pump)
Morse 33C compatible engine speed and shift control connections
Engine sump oil drain pump

Electrical extension loom - 2.3 metres
Anti vibration mounts and adjusting screws
Owners handbook
3 years warranty on engine
1 year warranty on all electrical components
2 and 3D full CAD installation drawings available
Full range of accessories
Delivered on wooden pallet
Engine oil and filter change period 370 hours using original John Deere Plus 50 oil and filter
Gearbox oil sump pump

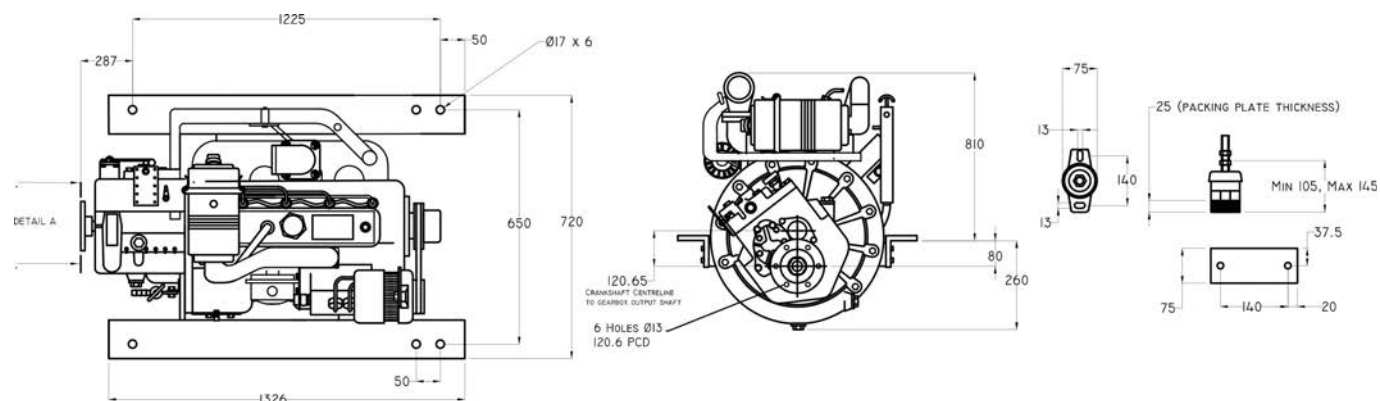
Optional Accessories

PTO for rail mounted items
Crank mounted stub shaft for PTO (size optional)
Remote shift control and cables
Gearbox ratio options
Flexible output coupling
Various prop and stern gear components
Calorifier connections
24 volt electrics
Gearbox driven P.T.O
PK6 crankshaft pulley providing a drive for additional pump, alternator etc.
Upgrade gearbox
Domestic travel power up to 5kW 230V

Deluxe Control Panel



Dimensions



Dealer Stamp

ISO 9001

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