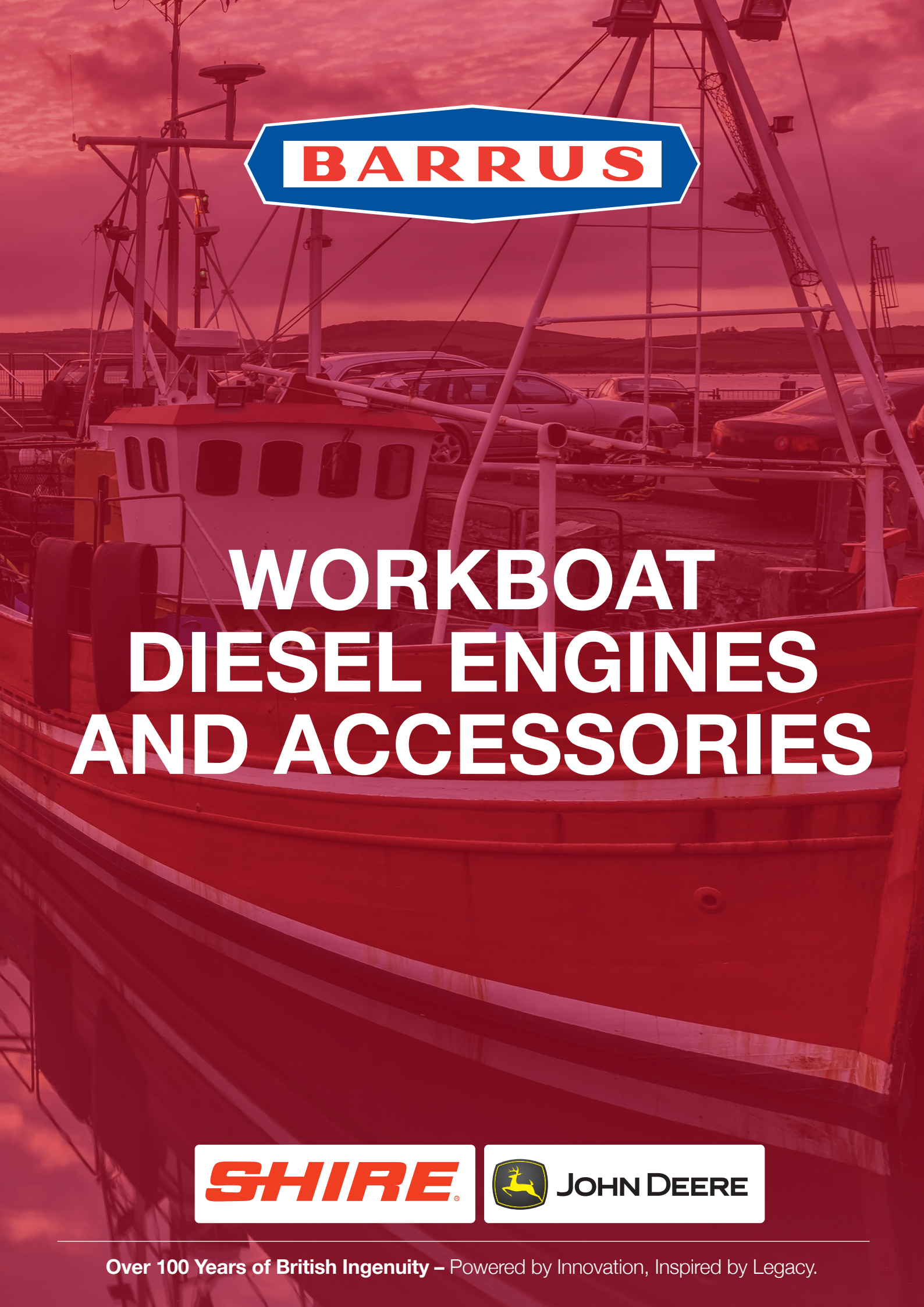


BARRUS

# WORKBOAT DIESEL ENGINES AND ACCESSORIES

SHIRE

JOHN DEERE

**Over 100 Years of British Ingenuity –** Powered by Innovation, Inspired by Legacy.

# Quietly leading the way

**Barrus has been a major player in the marine industry for the majority of its 100-year history and, for over 21 years, we have manufactured engines for the Inland Waterways.**

**In 1998, we began production of the Shire range of inboard engines fitted to narrow boats, wide beam boats and dutch barges.**

**In that same year, we were the first manufacturer to design and fit a genuine twin thermostat system - and still are today.**

**To enhance our portfolio, we have introduced Shire Hybrid packages which deliver cleaner, greener power. Two variations of the Hybrid package are available to suit various requirements at sea.**

**The latest addition to the collection is Marine Equipment. Including anodes and lightbulbs from Talamex all the way up to on-board WiFi and TV antennas from Glomex, the range is filled with every-day boating essentials.**

## After sales support

At Barrus, we're committed to keeping your engine running smoothly for years to come. With over 60,000 spare parts in stock, including dedicated Shire and John Deere genuine parts, we make it easy to maintain and extend the life of your engine.

Need guidance? Shire manuals, parts lists, and service sheets are readily available at barrus.co.uk/shire, along with basic servicing videos to help you get started. Our expert technicians are always on hand, backed by a nationwide dealer network, to provide ongoing support whenever you need it.

Looking for parts? The Shire Online Shop is open 24/7 at shireshop.co.uk for anything you need—whether it's an essential replacement or something for peace of mind.We also invest in the people who work with our products. Our purpose-built Training School in Bicester offers bespoke courses for specialist partners, ensuring dealers and boat builders have the knowledge to deliver the highest level of support to Shire engine owners and operators.

## Key Features

### High Torque Levels

All models have high torque at low speed and 15WB - 30WB are RCD II (Recreational Craft Directive) emission compliant.

### Easy Servicing

The sump drain pump makes maintenance simple. Oil can be drained easily, particularly on the Shire 50, 70 and 85 with the additional gearbox drain pump.

### Maximum Electrical Power

A single alternator comes as standard with the option to upgrade to a second. This ensures that the start battery and domestic batteries are rapidly charged and on separate circuits..

### Corrosion Protection

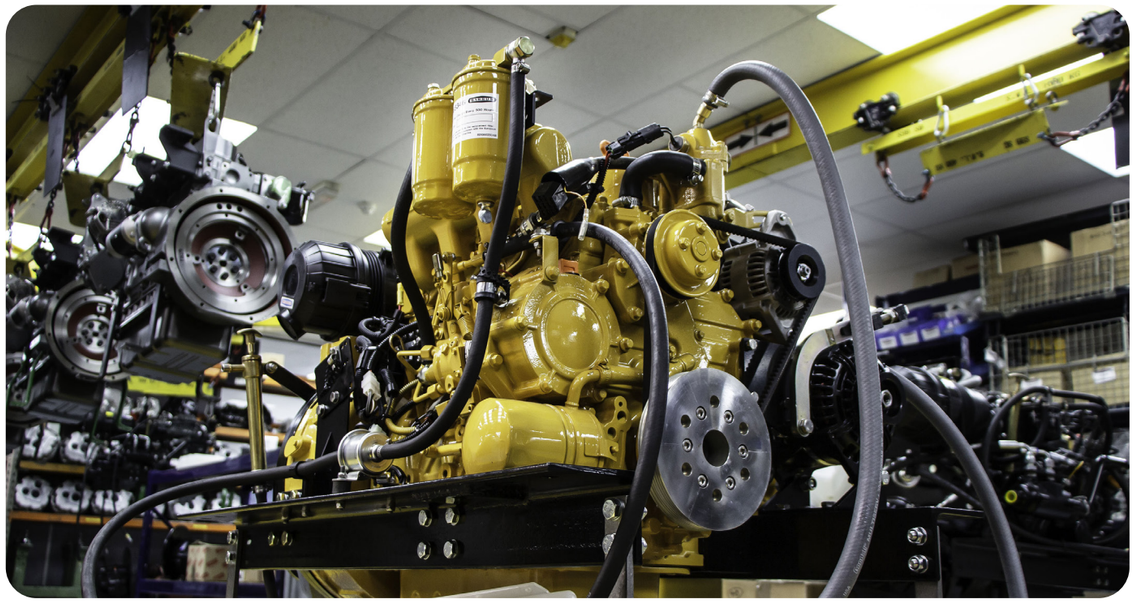
All castings and water pipes are black E coated for extra adhesion and corrosion resistance.

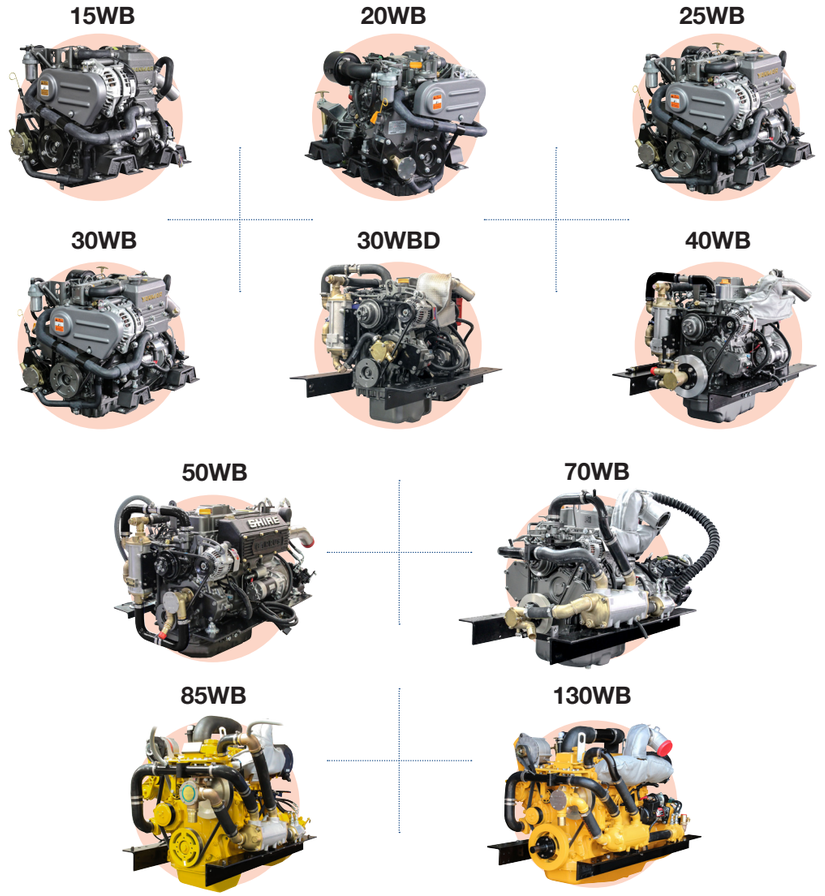
### Clean Fuel

The addition of a fuel pre-filter and water drain provides the most efficient filtration system and ensures factory quality levels are maintained throughout its life.

### Peace of Mind

All major engine and components parts have a 2 year commercial warranty. Electrical components 1 year.






**Over 100 Years of British Ingenuity –** Powered by Innovation, Inspired by Legacy.

PROUD MEMBER OF BRITISH MARINE LEADING THE INDUSTRY

# Stay powered wherever your journey takes you

**Imagine the freedom to go anywhere, with the peace of mind that your onboard electrical needs—navigation, communication, and creature comforts—are all taken care of. Our diesel generators and hybrid energy systems are designed to handle everything, from powering essential electronics to ensuring a smooth, uninterrupted journey.**

**For over two decades, WhisperPower has been at the forefront of marine electrical technology. Our energy systems are tailored specifically for boat owners who demand top performance and reliability. Contact us today to learn more about our comprehensive range of products and ensure you're always powered, no matter where your journey leads.**

## High-performance, low-emission energy systems

**WhisperPower understands the unique challenges of life on inland waterways. Our range of energy systems delivers low emissions, high performance, and total reliability. Whether you're out for a day trip or on a long adventure, our solutions provide the independence and efficiency you need to stay powered.**

## Our offerings include:

- Marine diesel generators up to 50 kVA
- (Low-emission) hybrid energy systems
- High-power sine wave inverters
- Heavy-duty battery chargers and power supplies
- Long-life batteries (AGM, GEL, Lithium)
- Solar power systems

**Over 100 Years of British Ingenuity –** Powered by Innovation, Inspired by Legacy.

*Diesel Generators* mase GENERATORS

# Marine Generators

**Mase Marine Generators feature low sound and vibration levels, efficient size, and built-in sound shields. The range, consisting of 23 diesel-powered generators from 1.7 kW to 32.5 kW, are powered by reliable diesel engines and cooled by an exclusive Intercooler System.**

**The unique Mase Intercooler System creates a capsule of internal re-circulating air that assists the heat exchanger's internal cooling, keeping the engine and alternator at their ideal operating temperature while significantly reducing the ambient temperature outside the GenSet.**

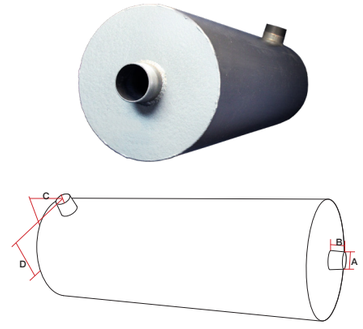
| Generator Model | IS2.6GB | IS3.5GB | IS5.0GB | IS7GB | IS9GB | IS12GB | IS13.5KGB | IS16GB | IS17.5GB | IS22KGB | IS24KGB | IS27KGB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Continuous Output (kW) | 2 | 3 | 5 | 6.7 | 9 | 11.2 | 12.5 | 15.3 | 17.5 | 24 | 26 | 29 |
| Volts | 230 | | | | | | | | | | | |
| RPM | 3000 | | | 1500 | | | | | | | | |
| Frequency (HZ) | 50 | | | | | | | | | | | |
| Max Power (HP) | 4.2 | 6.1 | 8.8 | 12.5 | 15.4 | 18.4 | 19.4 | 24.5 | 29.5 | 29.5 | 47 | 47 |
| Engine | Yanmar | | | | | | | | | | | |
| Dims. L x W x H mm | 500 x 380 x 465 | 590 x 406 x 515 | 675 x 468 x 565 | 760 x 530 x 625 | 837 x 568 x 688 | 985 x 585 x 730 | 986 x 586 x 734 | 1115 x 585 x 730 | 1115 x 585 x 730 | 1115 x 585 x 730 | 1225 x 630 x 830 | 1225 x 630 x 830 |
| Weight KG | 80 | 96 | 130 | 230 | 295 | 375 | 400 | 430 | 475 | 475 | 625 | 625 |

| Generator Model | IS11.5T | IS14.5T | IS20T | IS25T | IS30T | IS34T | VS6.5 | VS8.5 | VS10.5 | VS12.5 | VS15.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Continuous Output (kW) | 11.2 | 14.1 | 19.15 | 28 | 31 | 36.2 | 6 | 8 | 10.5 | 12 | 15 |
| Volts | 230 | | | | | | | | | | |
| RPM | 1500 | | | | | | 2100 | | | | |
| Frequency (Hz) | 50 | | | | | | 230 | | | | |
| Max Power (HP) | 15.4 | 18.4 | 24.5 | 47 | 47 | 47 | 11.5 | 14.5 | 16.6 | 18 | 24.8 |
| Engine | Yanmar | | | | | | Kubota | | | | |
| Dims. L x W x H mm | 837 x 568 x 688 | 985 x 585 x 730 | 1115 x 585 x 730 | 1225 x 630 x 830 | 1225 x 630 x 830 | 1225 x 630 x 830 | 650 x 468 x 555 | 650 x 468 x 555 | 730 x 468 x 555 | 730 x 468 x 555 | 800 x 600 x 515 |
| Weight (kg) | 80 | 96 | 130 | 165 | 195 | 230 | 161 | 172 | 176 | 185 | 215 |

# Hospital Silencer

**These silencers are recommended for use on diesel exhaust gas lines where noise levels must meet critical specifications without creating excessive back pressure. They have been designed to give low noise break out and surface temperatures and are standard fit on the Shire 60 & 65 and optional on all other models.**

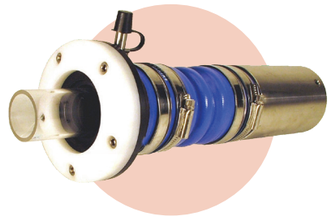
| | (Optional) Shire 90 | (Optional) Shire 70 | (Optional) Shire 38, 40, 45, 50 & 55 |
|---|---|---|---|
| Inlet & Outlet size (A) | 64mm / 2 1/2" BSP | 64mm / 2" BSP | 38mm / 1 1/2" BSP |
| Diameter | 300mm / 12" | 300mm / 12" | 300mm / 12" |
| Length | 915mm / 36" | 915mm / 36" | 830mm / 33" |
| Potrusion (B) | 52mm | 52mm | 40mm |
| C (min. distance) | 90mm | 90mm | 90mm |
| D | 202mm 7.9" | 202mm 7.9" | 190mm 7.4" |
| Approx Weight | 40kgs | 40kgs | 35kgs |




PROUD MEMBER OF BRITISH MARINE LEADING THE INDUSTRY

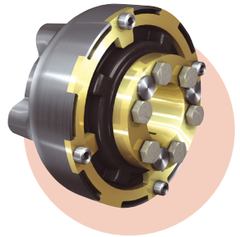
# Engine & Drive Accessories

## TIDESMARINE international-UK



Originally developed for use on commercial craft on the Mississippi River, this shaft seal has been specially designed for use on the inland waterways.

## CENTA



The Centaflex prop shaft coupling is a simple solution to reduce transmission generated vibration and noise. It also removes the need for a prop shaft drive flange.

## SIDE-POWER Thruster Systems

Side-Power manufacture the world's most comprehensive line of thrusters for leisure boats and smaller commercial boats, so we can offer a suitable thruster for almost every boat under 160 feet.

| | SE 80/185 T | SE 100/185 T |
|---|---|---|
| **Thrust at 10.5V / 21V** | 80 kg (176 lbs) | 100 kg (220 lbs) |
| **Thrust at 12V / 24V** | 96 kg (212 lbs) | 116 kg (256 lbs) |
| **Typical boat size (ft / m)** | 35' - 48' (10 - 15m) | 35' - 55' (12 - 17m) |
| **Tunnel I.D.** | 185mm / 7.3" | |
| **Propulsion System** | Twin | |
| **Power at 10.5V / 21V** | 4.4 kW (6 hp) | 6.3 kW (8.4 hp) |
| **For DC System** | 12V / 24V | |
| **Weight** | 20 kg (44 lbs) | 31 kg (68 lbs) |

# Standard / Deluxe Panels

### Standard panel

| | |
|---|---|
| **Features** | Start/Stop keyswitch,tachometer, hourmeter, warning light for low oil pressure, high engine temperature, glow plug light and no charge from twin alternator with alarm. |
| **Panel dimensions** | 180mm wide x 140mm deep |
| **Drilled hole dimensions** | 168mm wide x 128mm deep |

### Deluxe panel

| | |
|---|---|
| **Features** | Start/Stop keyswitch, tachometer, hourmeter, low oil pressure gauge, high engine temperature gauge, warning lights and alarm |
| **Panel dimensions** | 250mm wide x 190mm deep |
| **Drilled hole dimensions** | 230mm wide x 170mm deep |

**Over 100 Years of British Ingenuity –** Powered by Innovation, Inspired by Legacy.

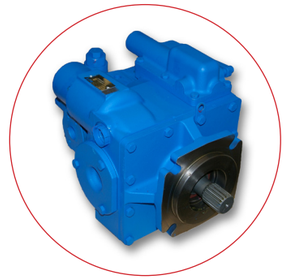
# Hydraulic Packages

## First choice for quality

**Barrus can offer a complete range of high efficiency & high quality fixed, variable & load sensing, hydraulic propulsion systems suitable for propelling any vessel type covering a power range of between 10 HP to 825 HP.**

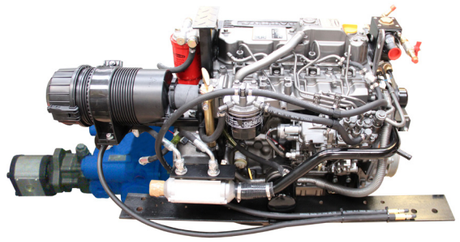
- *Dutch Barges*
- *Narrowboats*
- *Motor Cruisers*
- *Fishing Vessels*
- *Wide Beams*
- *Amphibious*
- *Yachts*
- *Ferry's*

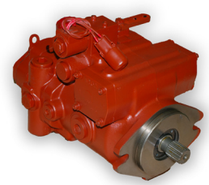
80cc hydraulic piston motor

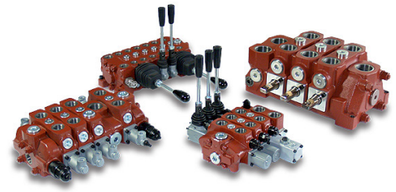


Model 39 Variable displacement piston pump for use over 90hp only

Hydraulic tank







## Marine Equipment

**Our Marine Equipment Division has been building a carefully curated portfolio with a vision to become a trusted name in the chandlery and aftermarket sector.**

**Offering an extensive selection of over 20 industry-leading brands—each chosen for its quality, reliability, and innovation. Whether you're maintaining a small day boat or outfitting a superyacht, we provide everything you need to keep your vessel in peak condition.**

**Our premium brands include Barton, International Paint, MGDuff, Blue Gee, Glomex, Guidi, and Simrad, covering every area of a boat with high-performance solutions.**

**With our deep technical expertise and commitment to exceptional service, the Barrus team is always on hand to provide guidance, ensuring you get the right products for your needs.**

**Discover more**

PROUD MEMBER OF BRITISH MARINE LEADING THE INDUSTRY

| Name | Output (hp) | Speed (rpm) | Cylin-ders | Displacement (cc) | Weight inc gearbox (kg) | Electrical System | Dimensions (L x W x H mm) | Gearbox |
|---|---|---|---|---|---|---|---|---|
| Shire 15WB | 13.6 | 3600 | 2 in-line | 570 | 115 | 12V 125 Amp | 660 x 481 x 425 | PRM 60 Mechanical |
| Shire 20WB | 21 | 3600 | 3 in-line | 854 | 120 | 12V 125 Amp | 703 x 481 x 526 | PRM 60 Mechanical |
| Shire 25WB | 25 | 3000 | 3 in-line | 1266 | 139 | 12V 125 Amp | 768 x 485 x 485 | PRM 90 Mechanical |
| Shire 30WB | 29 | 3200 | 3 in-line | 1266 | 153 | 12V 125 Amp | 785 x 515 x 566 | PRM 150 Hydraulic |
| Shire 30WBD | 30 | 3000 | 3 in-line | 1331 | 153 | 12V 50 Amp | 770 x 877 x 768 | PRM 150 Hydraulic |
| Shire 40WB | 40 | 2600 | 4 in-line | 2190 | 270 | 12V 50 Amp | 1005 x 562 x 841 | PRM 150 Hydraulic |
| Shire 50WB | 50 | 3000 | 4 in-line | 2190 | 284 | 12V 50 Amp | 1007 x 758 x 670 | PRM 150 Hydraulic |
| Shire 70WB | 70 | 2500 | 4 in-line | 3319 | 400 | 12V 50 Amp | 1170 x 670 x 845 | PRM 260 Hydraulic |
| Shire 85WB | 85 | 2500 | 4 in-line | 4500 | 545 | 12V 120 Amp | 1240 x 632 x 972 | PRM 260 Hydraulic |
| Shire 130WB | 125 | 2500 | 6 in-line | 6800 | 845 | 12V 120 Amp | 1562 x 720 x 990 | PRM 500 Hydraulic |

Scan here to find your local dealer

PROUD MEMBER OF BRITISH MARINE LEADING THE INDUSTRY

**Shire - Engineered and manufactured in the UK by Barrus**
E. P. Barrus Ltd., Glen Way, Launton Road, Bicester, Oxfordshire, OX26 4UR
Tel: 01869 363682 Email: chris.pearce@barrus.co.uk www.barrus.co.uk

Powered by BARRUS

Specifications and/or prices are subject to change without notice.
Every effort is made to produce sales literature and price lists that are accurate and current.