

DC Fuel Transfer Pumps

Displacement, self-priming, rotary electric vane pumps for the transfer of diesel fuel equipped with by-pass valve. Powerful, dependable and economical, they are available with 12 and 24-volt direct current motors.

Technical Specifications

- Cast iron pump body finished with anti-corrosion paint.
- Vane pump with sintered steel rotor and acetal resin vanes.
- By-pass valve incorporated in the pump body.
- Direct current brush motor with permanent magnet stator.
- Motor protection grade IP55
- Used in intermittent service with 30-minute work cycles.

Technical Data

1225B 12V	1224C 12V
1225B 24V	1224D 24V
57L/MIN	40L/MIN
15GPM	10GPM
2600RPM	2800RPM
1"	3/4"
24A(12V), 17A(24V)	22A(12V), 12A(24V)
1.5BAR	3.5KGS
3.5KGS	4/CTN 19/18KGS 36X23X32CM
4/CTN 19/18KGS 36X23X32CM	

INLET/OUTLET



1225B 12V
1225B 24V



1224C 12V
1224D 24V

DC Diesel Pump

Displacement, self-priming, rotary electric vane pumps for transferring diesel fuel, characterized by high flow rates. All pumps are equipped with by-pass valve. Powerful, dependable and economical, they are available with 12 and 24-volt versions. Thanks to their compact size, ease of installation, dependability and safety, these pumps are used as the primary system on earth-moving machinery and on mobile fuel pumps on vehicles or in construction yards.

Technical Data

Yoilp1229C 12V
Yoilp1229D 24V
80L/MIN
22GPM
2000RPM
1" BSP
44A(12V), 21A(24V)
11KGS
1/CTN 12/11KGS 31X20.5X21CM



Yoilp1229C 12V
Yoilp1229D 24V

DC Dual Voltage Diesel Pump

These pumps are of the rotary vane type, self-priming, with high flow rate and easy operation and installation. Besides featuring an integrated bypass valve and suction filter, they are also equipped with a mechanical seal that ensures a high standard of reliability even at low operating temperature. The version 24/12 can be used with both tensions.

Technical Data

Yoilp1229B 24V / 12V

70L/MIN(24V), 35L/MIN(12V)
3500RPM(24V), 1800RPM(12V)
1" BSP
25A(24V), 16A(12V)
7.5KGS
1/CTN 20X36X27CM



Yoilp1229B 24V / 12V

DC Diesel Pump Set

Technical Specifications

- Pump body in cast iron with anti-corrosion treatment and painting.
- Support base.
- Pump of the blade type with sintered steel rotor and acetabular resin vanes.
- Filter 100 μ incorporated in pump body, easy access for maintenance.
- Threaded 1" coupling directly on pump body, overload protection
- Mechanical seal.
- Incorporated bypass valve.
- DC motor with brushes and permanent magnets.
- Connector block with ON/OFF switch.
- Protection fuse.
- Degree of protection IP55
- 1" flanged connectors, external filter.

Technical Data

Yoilp1229B-BTC 12V / 24V

70L/MIN(24V), 35L/MIN(12V)
3500RPM(24V), 1800RPM(12V)
25A(24V), 16A(12V)
10KGS
1/CTN 20X36X27CM
WITH METAL GUN
WITH 4 METERS RUBBER HOSE



Yoilp1229B-BTC 12/24V

DC Diesel Pump/Gasoline Pump

Technical Data

Yoilp1226C 12V
Yoilp1226C 24V
57L/MIN, 15GPM
Explosion-proof permanent magnet motor with thermal overload protection
Built-in strainer, bypass valve is designed for tank or barrel mounting
Ball bearing construction, no lubrication required
30 minute duty cycle/not for continuous
Rain proof
1/CTN 11/10KGS 26.5X25X36CM



Yoilp1226C 12V / 24V

Diaphragm Water Pump

Application

- Yacht / RV/Caravan pressurized water system
- Sprayer fixtures (Vehicle-mounted sprayers, electric sprayer)
- Cleaning machine, Humidifier, Water purification, Medical apparatus
- Food beverage filling & liquid transfer
- Any other pressurization system



YPUMP-DP5112



YPUMP-DP4212



YPUMP-DP60

YPUMP-DP5112 / YPUMP-DP4212 Technical Features

- On/Off demand pressure switch
- Max Flow rate of YPUMP-DP5112: 20lpm (5.3gpm), can be adjusted from 3.0-20lpm (0.8-5.3gpm) as required
- Max Flow rate of YPUMP-DP4212: 11.3lpm (3.0gpm), can be adjusted from 3.0-11.3lpm (0.8-3.0gpm) as required.
- Max Pressure: 60psi (4.2bar), can be adjusted from 10psi (0.6bar) to 60psi (4.2bar) as required.
- SFS51-01inlet strainer for your choice. Inlet/Outlet fitting: 13mm pyramid hose barb, 1/2 NPT thread fitting for your choice.
- Protection: pressure switch protection: pressure-off protection or circumfluence switch protection. For the powered control you can choose pump without pressure protection.
- Duty Cycle: Intermittent (under different pressure the continuous working time will also be different)

YPUMP-DP60 Technical Features

- On/Off demand pressure switch
- Continuous duty rating
- 3/8" BSP female
- Pump size 5.30 L/min
- Pressure rate 4.13 bar

Technical Data

Model	Volt	Flow (lpm/gpm)	Pressure off (psi/bar)	Amp draw (A)	Max draw	Packing size (mm)	N.W./G.W. (kg)
YPUMP-DP5112	12V	20.0/5.3	60/4.2	8.0	17.0A	260*152*132	2.46/2.86
YPUMP-DP5124	24V	20.0/5.3	60/4.2	5.0	10.0A	260*152*132	2.46/2.86
YPUMP-DP4212	12V	11.3/3.0	55/3.8	3.5	7.5A	260*140*125	1.9/2.2
YPUMP-DP4224	24V	11.3/3.0	55/3.8	2.0	4.0A	260*140*125	1.9/2.2
YPUMP-DP60	12V	5/1.3	60/4.2	6.0	--	--	--

SOLAR WATER PUMP

Features

- Long -life 24 VDC operation
- For 4" wells or larger
- Quick disconnect with "Watertight-Gland" Design Pat Pend
- Corrosion-proof housing with stainless-steel fasteners
- Runs dry without damage
- 50 mesh stainless steel inlet screen
- State of the art solid diaphragm

Technical Data

Model	Volt	Amps (A)	Flow (lpm/gpm)	Maximum Lift	Maximum Submersion	Packing size (mm)	N.W./G.W. (kg)
YBILGE-0015	24VDC	4.0MAX	360/96	230 Feet (70 Meters)	100 Feet (30 Meters)	355*130*110	2.9/3.0

Technical Specifications

- Long -life 24 VDC operation
- Pump Design: Positive Displacement 3 Chamber Diaphragm Pump
- Motor: Permanent Magnet, Thermally Protected
- Internal Bypass: 105-110 PSI Max. (7.2-7.5 BARS)
- Outlet Port: 1/2" (12.7mm) Barbed Fitting
- Inlet: 50 Mesh Stainless Steel Screen
- Materials: High Strength Engineered Plastics, Stainless Steel Fasteners
- Typical Applications: Potable Water Well Pump



YBILGE-0015

AC Diesel Pump

These self-priming rotary vane pumps feature a mechanical seal that guarantees constant reliability, even in low temperatures. Compact, safe and dependable, they can be used for equipping fuel pumps and stationary fuel-transfer installations.

Technical Features

- Cast-iron pump casing, treated against corrosion and paint-finished.
- Vane pump with sintered steel rotor and acetalic resin blades.
- Mechanical seal.
- Bypass valve built into pump casing.
- In-built 100-micron filter, easy accessible cleaning.
- Induction motor with aluminum casing.
- Grade of protection: IP55
- Continuous running

Technical Data

Yoilp1224BT-16	Yoilp1224BT-17
60L/MIN	80L/MIN
2800RPM	2800RPM
1" BSP	1" BSP
350W	500W
110V 50Hz model available	110V 50Hz model available
220V 50Hz model available	220V 50Hz model available
7.5KGS	8.2KGS
1/CTN 8.5/7.5KGS 20X36X27CM	1/CTN 9.2/8.2KGS 20X36X27CM



Yoilp1224BT-16
Yoilp1224BT-17

AC Diesel Pump Set

These self-priming rotary vane pumps feature a mechanical seal that guarantees constant reliability, even in low temperatures. Compact, safe and dependable, they can be used for equipping fuel pumps and stationary fuel-transfer installations.

Technical Features

- Cast-iron pump casing, treated against corrosion and paint-finished.
- Vane pump with sintered steel rotor and acetalic resin blades.
- Mechanical seal.
- Bypass valve built into pump casing.

Technical Data

Yoilp-JYB-60A-230V	Yoilp-JYB-80A-230V
DIESEL PUMP SET PACKING	DIESEL PUMP SET PACKING
WITH 4 DIGITAL DIESEL METER	WITH 4 DIGITAL DIESEL METER
WITH 4 METERS RUBBER HOSE	WITH 4 METERS RUBBER HOSE
WITH AUTOMATIC DIESEL GUN	WITH AUTOMATIC DIESEL GUN
60L/MIN	72L/MIN
3BAR	3BAR
350W	500W



Yoilp-JYB-60A-230V
Yoilp-JYB-80A-230V

Gear Diesel and Oil Pump

Displacement, self-priming, rotary electric vane pumps for transferring diesel fuel. All models equipped with by-pass valve. Powerful, dependable and economical, they are also available with single and three-phase AC motors. Thanks to their compact size, ease of installation, dependability and safety, they are used to equip fuel pumps for private use, fixed systems for transferring fuel and other industrial applications.

Technical Features

- Cast-iron pump casing, treated against corrosion and paint-finished.
- Vane pump with sintered steel rotor and acetalic resin blades.
- Mechanical seal.
- Bypass valve built into pump casing.
- In-built 100-micron filter, easy accessible cleaning.
- Induction motor with aluminum casing.
- Grade of protection: IP55
- Continuous running

Technical Data

Yoilp1224BT-27-120A
100L/MIN
1400RPM
1" BSP
750W (110V 50Hz model available, 220V 50Hz model available)
16KGS
1/CTN 17/16KGS 36X21X27CM



Yoilp1224BT-27-120A

Flow Meter

Nutating-disk meters that measure the exact quantity of the dispensed fuel or lubricant. They are designed for non-commercial use only. These flow-meters are reliable, inexpensive, easy to install, and simple to calibrate on the workplace. The Pulser model is fitted with a pulse emitter for connection to a fuel management system. Thanks to reduced flow resistance, they can also function by gravity.

FM1 Characteristics

- ALUMINIUM DIESEL METER.
- DIA. OF PIPE: 1".
- 4 DIGITAL.
- 6/CTN 16/15KGS 53X25X36CM.



FM1

Yoilp 1011-2 Characteristics

- ALUMINIUM DIESEL METER.
- DIA. OF PIPE: 1.5".
- 4 DIGITAL.
- 6/CTN 24/22KGS 62X29X39CM.



Yoilp 1011-2

Yoilp 1224BT-31 Characteristics

- High accuracy, durable and compact.
- Two cumulants (1 resetting, 1 accumulating).
- Gallon or Liter Option, PPC body.
- Also for chemical industry, medicine and other corrosive medium measurement



Yoilp 1224BT-31

Technical Data

FM1
Flow-rate (range): 20-120 l/min (5,3-32 gal/min)
Repeatability: 0,2%
Max. Operating Pressure: 3.5 bar (50 psi)
Brusting Pressure: 30 bar (426 psi)
Resolution: 0.1 litre
Pulser Card Type: "Open collector",
Frequency: 10 pulses/litre

Yoilp 1011-2
Flow-rate: 6-40GPM (23-151LPM)
Repeatability: 0,2%
Max. Operating Pressure: 3.5 bar (50 psi)
Brusting Pressure: 30 bar (426 psi)
Resolution: 0.1 litre
Pulser Card Type: "Open collector",
Frequency: 10 pulses/litre

Yoilp 1224BT-31
Digital Flow Meter
Inlet and Outlet: NPT1" BSP1"
Body Material: PPS
Flow Range: 5-50GPM (18.9-190LPM)
Accuracy: $\pm 0.5\%$
Repeatability Error: 0.1%
Pressure Class: 10 bar

KIKAWA

FUEL ACCESSORIES

Diesel / Gasoline Gun



Yoilp1001-1B
Color in Red available

Diesel / Gasoline Gun



Yoilp1001-2
Color in Blue or Green available

Oil Gun



Yoilp A0002-6

Yoilp1001-1B	Yoilp1001-2	Yoilp A0002-6
Automatic Nozzle	Automatic Nozzle	Nozzle for Oil
80L/MIN	120L/MIN	OIL GUN WITH OVAL GEAR METER
INLET 3/4"	INLET 1"	OUTLET: BSPT 1/2"
OUTLET 13/16"	10/CTN 18/17KGS 42X34X40CM	MAX FLOW RATE: 15L/MIN
10/CTN 13/12KGS 52X34X40CM		WORKING PRESSURE: 0.7MPA
		18PC/CTN 18/17KG 44X34X40CM

JERRY CAN



Yoilp3001-3 10L
Yoilp3001 20L



Yoilp3004-3 10L
Yoilp3004 20L

Yoilp3001-3 10L	Yoilp3001 20L	Yoilp3004-3 10L	Yoilp3004 20L
10L JERRY CAN	20L JERRY CAN	10L JERRY CAN	20L JERRY CAN
	5PC/CTN 84X37X47CM		