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</table>
POWER UNITS ORDERING GUIDANCE

Product name: hydraulic power units

Series No., which would be changed once there comes big improvement of the whole power units. It comes into 1, 2, 3, 4. Especially, the No. 5 represents manifold made of aluminium. the No. 6 represents manifold made of die-casting aluminium.

System pressure, which is used to point out the preset pressure of the relief valve.
- A-1.6MPa
- B-2.5MPa
- C-6.3MPa
- D-10MPa
- E-16MPa
- F-20MPa
- G-25MPa
- H-32MPa

Rated pump displacement
- CBK series pumps:
  - 0.63ml/r
  - 0.8ml/r
  - 1.2ml/r
  - 1.6ml/r
  - 2.1ml/r
  - 2.5ml/r
  - 2.7ml/r
  - 3.2ml/r
  - 3.7ml/r
  - 4.2ml/r
  - 5ml/r
  - 6ml/r
  - 8ml/r
- CBG series pumps:
  - 2ml/r
  - 3ml/r
  - 3.5ml/r
  - 4ml/r
- CBE series pumps:
  - 0.26ml/r
  - 0.32ml/r
  - 0.38ml/r
  - 0.5ml/r
  - 0.63ml/r
  - 0.88ml/r
  - 1.00ml/r
  - 1.25ml/r
  - 1.5ml/r

Oil tank capacity
- U—0.5L
- V—0.8L
- W—1.0L
- S—1.4L
- Y—1.5L
- Z—2.0L
- A—3.0L
- B—5L
- C—8.0L
- D—10L
- E—12L
- F—14L
- G—16L
- H—20L
- I—22L
- J—25L
- K—35L
- L—50L
- M—60L
- N—70L
- P—80L
- Q—13L
- R—30L
- S—7L
- T—100L
- TA—120L

Motor voltage
- DC motor:
  - 1—12V
  - 2—24V
  - 3—48V
  - 5—110V
  - 6—415V
  - 7—230/460V
  - 8—115/230V
  - 10—220V
  - 12—220/380V
  - 13—230V
  - 14—230/460V
  - 15—380V
  - 16—415V
  - 17—400V
  - 18—415V
  - 19—400V
  - 20—415V
  - 21—230V
  - 22—440V
  - 23—100V
  - 24—230/460/575V
  - 25—208/230/460/380/400V
  - 26—208/230/460/400V
  - 27—220/44V
  - 28—575V

Motor power
- DC motor:
  - X—0.25kw
  - S—0.5kw
  - T—0.8kw
  - U—1.0kw
  - V—1.2kw
  - W—1.5kw
  - A—2.0kw
  - M—2.2kw
  - N—2.5kw
- AC motor:
  - C—0.37kw
  - D—0.55kw
  - E—0.75kw
  - F—1.1kw
  - G—1.5kw
  - H—2.2kw
  - I—3.0kw
  - J—4.0kw
  - Q—0.85kw
  - R—1.8kw
  - K—3.7kw

Motor type
- O—no motor
- T—the motor with Special requirements

Motor type:
- A—Steel housing, vertical & horizontal, 9T Spline, the center distance of the mounting hole is 113x113.
- B—Steel housing, vertical, 9T Spline, the center distance of the mounting hole is 113x113.
- G—Extruding aluminum housing, vertical & horizontal, Tang, the center distance of the mounting hole is 113x113.
- H—Extruding aluminum housing, vertical, Tang, the center distance of the mounting hole is 113x113.
- L—Casting aluminium housing, vertical & horizontal, 9T Spline, the center distance of the mounting hole is 113x113.
- M—Casting aluminium housing, vertical, 9T Spline, the center distance of the mounting hole is 113x113.
- N—Casting aluminium housing, vertical & horizontal, Tang, the center distance of the mounting hole is 117.4x117.4.
- DC motors

Motor voltage
- DC motor:
  - 1—12V
  - 2—24V
  - 3—48V
  - 5—110V
  - 6—415V
  - 7—230/460V
  - 8—115/230V
  - 10—220V
  - 12—220/380V
  - 13—230V
  - 14—230/460V
  - 15—380V
  - 16—415V
  - 17—400V
  - 18—415V
  - 19—400V
  - 20—415V
  - 21—230V
  - 22—440V
  - 23—100V
  - 24—230/460/575V
  - 25—208/230/460/380/400V
  - 26—208/230/460/400V
  - 27—220/44V
  - 28—575V

Motor power
- DC motor:
  - X—0.25kw
  - S—0.5kw
  - T—0.8kw
  - U—1.0kw
  - V—1.2kw
  - W—1.5kw
  - A—2.0kw
  - M—2.2kw
  - N—2.5kw

Motor type:
- A—Steel housing, vertical & horizontal, 9T Spline, the center distance of the mounting hole is 113x113.
- B—Steel housing, vertical, 9T Spline, the center distance of the mounting hole is 113x113.
- G—Extruding aluminum housing, vertical & horizontal, Tang, the center distance of the mounting hole is 113x113.
- H—Extruding aluminum housing, vertical, Tang, the center distance of the mounting hole is 113x113.
- L—Casting aluminium housing, vertical & horizontal, 9T Spline, the center distance of the mounting hole is 113x113.
- M—Casting aluminium housing, vertical, 9T Spline, the center distance of the mounting hole is 113x113.
- N—Casting aluminium housing, vertical & horizontal, Tang, the center distance of the mounting hole is 117.4x117.4.
POWER UNITS ORDERING GUIDANCE

U—3” DC motor(0.34HP-1.1HP)
V—3.5” DC motor(1.1HP-1.6HP)
W—4.5” DC motor(2HP-3HP)
X—5” DC motor(4HP)

Motor speed
O—Hydraulic system in the non-motor
T—the motor with Special requirements
①50HZ AC motor, 50HZ A—960rpm B—1450rpm C—2850rpm D—1450/2850rpm
②60HZ AC motor, 60HZ J—1100rpm K—1750rpm L—3450rpm
③50HZ/60HZ M—50HZ/60HZ N—50HZ/60HZ
④DC motor U—2500rpm V—3500rpm W—4500rpm

Tank appearance
A—neck i.d φ120, steel, round, horizontal.
B—neck i.d φ120, steel, round, vertical.
C—neck i.d φ120, steel, square, horizontal.
D—neck i.d φ120, steel, square, vertical.
E—neck i.d φ138, steel, round, horizontal.
F—neck i.d φ138, steel, round, vertical.
G—neck i.d φ138, steel, square, horizontal.
H—neck i.d φ138, steel, square, vertical.
J—neck i.d φ94, steel, round, horizontal.
K—neck i.d φ94, steel, round, vertical.
L—neck i.d φ94, steel, square, horizontal.
M—neck i.d φ94, steel, square, vertical.
N—neck i.d φ94, steel, round, 200
P—neck i.d φ120, blow-molded plastic, round, horizontal.
Q—neck i.d φ120, blow-molded plastic, round, vertical.
R—neck i.d φ73, steel, square, horizontal.
S—neck i.d φ73, steel, square, vertical.
U—neck i.d φ120, injection molded plastic, round, horizontal.
V—neck i.d φ120, injection molded plastic, round, vertical.
O—non-tank
T—the tank with Special requirements.

Solenoid valve volt
A—12VDC, without manual override function.
B—24VDC, without manual override function.
C—24VAC, without manual override function.
D—110VAC, without manual override function.
E—220VAC, without manual override function.
H—12VDC, with manual override function.
I—24VDC, with manual override function.
J—24VAC, with manual override function.
K—110VAC, with manual override function.
L—220VAC, with manual override function.
O—No solenoid valve.
T—The solenoid valve with special requirements.
Z—referring to the manual valve with micro switch.

Manifold model is selected by manufacturer.

Design No. which is selected by manufacturer, may be 1, 2, 3 or A, B, C.
POWER UNITS FOR FORK LIFT

**General Description**
- High Pressure and Low Noise Gear Pump/DC Motor/-Multi-functional Manifold/Valve/Tank
- Manual Release Valve with an Electric Switch for the Motor Starter
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

**Special Notes**
- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Outline Dimension**

**Hydraulic Circuit Diagram**

**Model Specifications**

<table>
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<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ6Q-F1.6B1W1/WUAZD9</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500RPM</td>
<td>1.6ml/r</td>
<td>20MPa</td>
<td>5L</td>
</tr>
<tr>
<td>YBZ6Q-F2.1B1W1/WUAZD9</td>
<td>24VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>2.1ml/r</td>
<td>20MPa</td>
<td>8L</td>
</tr>
<tr>
<td>YBZ6Q-F2.1B2A1/WUAZD1</td>
<td>24VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>8L</td>
</tr>
<tr>
<td>YBZ6Q-F2.5C2A1/WUAZD1</td>
<td>24VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>8L</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
General Description

- High Pressure and Low Noise Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

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<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5Q-F2.5E1A2/WUQAT1</td>
<td>12VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>12L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5Q-F2.7E1A2/WUQAT1</td>
<td>2.2KW</td>
<td>2.7ml/r</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YBZ5Q-F3.2E2M2/WUQBT1</td>
<td>24VDC</td>
<td>3.2ml/r</td>
<td>2.5ml/r</td>
<td></td>
<td></td>
<td></td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5Q-F3.2E2M2/WUQBT1</td>
<td></td>
<td></td>
<td>2.5ml/r</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR FORK LIFT 3

General Description
- High Pressure and Low Noise Gear Pump/DC Motor-/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

Special Notes
- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Hydraulic Circuit Diagram

Model Specifications

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<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YB25Q-E2.1B2W2/WUQAT11</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500RPM</td>
<td>2.1ml/r</td>
<td>16-18MPa</td>
<td>6L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YB25Q-E2.7B2W2/WUQAT11</td>
<td>24VDC</td>
<td>2.2KW</td>
<td>2.7ml/r</td>
<td>3.2ml/r</td>
<td>3.7ml/r</td>
<td>24VDC</td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR FORK LIFT 4

General Description

- High Pressure and Low Noise Gear Pump/DC Motor-/Multi-functional Manifold/Valve/Tank
- Normally Closed Electro-hydraulic Proportional Valve
- The Lowering Speed is Controlled by the Electro-hydraulic Proportional Valve as Well as The Pressure Compensated Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5Q-F3.2B8900/XVQBT1</td>
<td>24VDC</td>
<td>3KW</td>
<td>3500RPM</td>
<td>3.2ml/r</td>
<td>20MPa</td>
<td>6L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5Q-E4.2B8900/XVQBT1</td>
<td></td>
<td></td>
<td></td>
<td>4.2ml/r</td>
<td>16MPa</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**General Description**

- High Pressure Gear Pump/ Low Noise DC Motor/- Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Hydraulic Circuit Diagram**

![Hydraulic Circuit Diagram](image)

**Outline Dimension**

![Outline Dimension](image)

**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-E0.5W1T2/UVTA1</td>
<td>12VDC</td>
<td>0.5KW</td>
<td>3500RPM</td>
<td>0.5mL/r</td>
<td>16MPa</td>
<td>1L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-E0.6W1T2/UVTA1</td>
<td>24VDC</td>
<td>0.6KW</td>
<td>3500RPM</td>
<td>0.6mL/r</td>
<td>16MPa</td>
<td>1L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-E0.6W2T2/UVTA1</td>
<td>48VDC</td>
<td>0.6KW</td>
<td>3500RPM</td>
<td>0.75mL/r</td>
<td>16MPa</td>
<td>1L</td>
<td>48VDC</td>
</tr>
<tr>
<td>YBZ5-E0.75W2T2/UVTA1</td>
<td>48VDC</td>
<td>0.75KW</td>
<td>3500RPM</td>
<td>1.0mL/r</td>
<td>16MPa</td>
<td>1L</td>
<td>48VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
PALLET TRUCK POWER UNITS 2

General Description
- High Pressure Gear Pump/ DC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

Special Notes
- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-E1.0YW2V2/WUTBT1</td>
<td>24VDC</td>
<td>1.3KW</td>
<td>2500RPM</td>
<td>1mL/min</td>
<td>16MPa</td>
<td>1L</td>
<td>24VDC</td>
</tr>
<tr>
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<td>2000RPM</td>
<td>0.75mL/min</td>
<td>20MPa</td>
<td>1.5L</td>
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Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR DOCK LEVELER

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- The Lowering Speed of Ramp and Lip is Adjusted by the Flow Control Valve

Hydraulic Circuit Diagram

Outline Dimension

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-E2.1B4E80/LBAOT1</td>
<td>380VAC</td>
<td>0.75KW</td>
<td>1450RPM</td>
<td>2.1mL/r</td>
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<td>6L</td>
<td>557mm</td>
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<tr>
<td>YBZ5-E2.7B4E80/LBAOT1</td>
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<td>2.7mL/r</td>
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<td>14MPa</td>
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</tr>
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</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWERS UNITS FOR DOCK LEVELER 2

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed of Ramp and Lip is Adjusted by the Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-E3.2BF82/LBABT1</td>
<td>380VAC</td>
<td>1.1KW</td>
<td>1450 RPM</td>
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<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-E2.7BF82/LBABT1</td>
<td>380VAC</td>
<td>0.75KW</td>
<td>1150 RPM</td>
<td>2.7ml/r</td>
<td>14MPa</td>
<td>6L</td>
<td>24VDC</td>
</tr>
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</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR DOCK LEVELER 3

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- The 3-Way,2-Position Solenoid Valve/The 4-Way,2-Position Solenoid Valve
- The Lowering Speed of Ramp is Adjusted by an One-way Flow Control Valve

Hydraulic Circuit Diagram

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-E2.784E180/MBUCT1</td>
<td>220/380VAC</td>
<td>0.75KW</td>
<td>1450RPM</td>
<td>2.7ml/r</td>
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<tr>
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<td>1.1KW</td>
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<td>14MPa</td>
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Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.

Clean all the hydraulic parts concerned before mounting the power unit.

Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.

Check the oil level in the tank after the initial operation of the power unit.

Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Hydraulic Circuit Diagram

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
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</thead>
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<tr>
<td>YBZY-D3.2A4E81/TBTO1</td>
<td>380VAC</td>
<td>0.75KW</td>
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<td>YBZY-D2.1A4E81/TBTO1</td>
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<td>2.1mL/r</td>
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</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
AUTO HOIST POWER UNITS

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Manual Operated Lowering Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension
## Model Specifications

<table>
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<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Rated Speed</th>
<th>Tank Capacity</th>
<th>Dimensions</th>
<th>Certification</th>
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<tbody>
<tr>
<td>YBZ5-F0.8B5F1/ALVOT1</td>
<td>115V/60Hz</td>
<td>1.1KW</td>
<td>0.8ml/r</td>
<td>20MPa</td>
<td>3450RPM</td>
<td>6L</td>
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<td>115/230V/50/60Hz</td>
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<td>3450RPM</td>
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<tr>
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<td>2830/3450RPM</td>
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<tr>
<td>YBZ5-E1.2C5F1/AMVOT1</td>
<td>115/230V/50/60Hz</td>
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<tr>
<td>YBZ5-F0.8B8F1/AMVOT1</td>
<td>190/28/240/380/460V/50/60Hz</td>
<td>2.2KW</td>
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<tr>
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<td>190/28/240/380/460V/50/60Hz</td>
<td>2.2KW</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>2830/3450RPM</td>
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<tr>
<td>YBZ5-E1.2B8F1/AMVOT1</td>
<td>190/28/240/380/460V/50/60Hz</td>
<td>2.2KW</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>2830/3450RPM</td>
<td>12L</td>
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<tr>
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<td>20MPa</td>
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</tr>
<tr>
<td>YBZ5-F2.1E3H1/AMQOT1</td>
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<td>2.5ml/r</td>
<td>20MPa</td>
<td>1450/1725RPM</td>
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<td>600</td>
<td>175</td>
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<tr>
<td>YBZ5-F2.1F7H1/ALQOT1</td>
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<td>1450/1725RPM</td>
<td>14L</td>
<td>600</td>
<td>175</td>
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</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**General Description**

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

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**Outline Dimension**

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**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.7D4H202/ACQIT1</td>
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<td>2.2KW</td>
<td>2850RPM</td>
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<td>10L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.7D4H202/ACDIT1</td>
<td>220VAC</td>
<td>2.2KW</td>
<td>3500RPM</td>
<td>2.7mL/r</td>
<td>16MPa</td>
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<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-E3.2D3H202/LCQIT1</td>
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<td>2.7mL/r</td>
<td>20MPa</td>
<td>10L</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**General Description**

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- The Lowering Speed is Adjusted by the Flow Control Valve

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Hydraulic Circuit Diagram**

![Hydraulic Circuit Diagram](image)

**Outline Dimension**

![Outline Dimension](image)

**Model Specifications**

<table>
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<tr>
<th>Model</th>
<th>Motor Voltage</th>
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<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
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<tr>
<td>YBZ5-E0.62Z3D95/7MXFT2</td>
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<td>110VAC</td>
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<tr>
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<td>YBZ5-E0.62Z3D95/7MXCT2</td>
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<td>2850/3450RPM</td>
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<td>24MPa</td>
<td>2L</td>
<td>110VAC</td>
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<tr>
<td>YBZ5-E0.62Z3D95/7MXCT2</td>
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<td>550W</td>
<td>2850/3450RPM</td>
<td>0.6mL/r</td>
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<td>2L</td>
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<tr>
<td>YBZ5-E0.62Z3D95/7MXCT2</td>
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<tr>
<td>YBZ5-E0.62Z3D95/7MXCT2</td>
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<td>0.6mL/r</td>
<td>24MPa</td>
<td>2L</td>
<td>110VAC</td>
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</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR LIFT TABLE 1

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
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</thead>
<tbody>
<tr>
<td>YBZ5-E2.5F3H2/LCCAG1</td>
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<td>12VDC</td>
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<td>2850RPM</td>
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<td>14L</td>
<td>24VDC</td>
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<tr>
<td>YBZ5-D3.7G3H2/LCCCG1</td>
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<td>5mL/min</td>
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Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR LIFT TABLE 2

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
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</thead>
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<tr>
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<td>24VDC</td>
</tr>
<tr>
<td>LPU-E23P4J2/TKDIZ1</td>
<td></td>
<td></td>
<td></td>
<td>28.05mL/r</td>
<td>12MPa</td>
<td></td>
<td>110VAC</td>
</tr>
<tr>
<td>LPU-D28P4K2/TKDEZ1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>220VAC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**POWER UNITS FOR DUMMY-SCISSORS LIFT 1**

**General Description**
- Gear Pump/AC Motor/Multi-functional Manifold/-Valve/Tank
- Two-way Shut-off Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

**Hydraulic Circuit Diagram**

**Special Notes**
- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Outline Dimension**

**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.7G3G30/LBAAN1</td>
<td>220VAC</td>
<td>1.5KW</td>
<td>1450rpm</td>
<td>2.7mL/r</td>
<td>22MPa</td>
<td>8L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F3.2G3G30/LBCAN1</td>
<td></td>
<td>1.5KW</td>
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<td>3.2mL/r</td>
<td>20MPa</td>
<td>12L</td>
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<tr>
<td>YBZ5-E3.2G3G30/LCCBN1</td>
<td></td>
<td>2.2KW</td>
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<td>4.2mL/r</td>
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<td>16L</td>
<td>24VDC</td>
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<tr>
<td>YBZ5-D4.2G3G30/LCCDN1</td>
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<td>2.2KW</td>
<td></td>
<td></td>
<td>10MPa</td>
<td>110L</td>
<td>110VAC</td>
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</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR DUBBLE-SCISSORS LIFT 2

General Description

- Gear Pump/ AC Motor/Multi-functional Manifold/-Valve/Tank
- Two-way Shut-off Valve
- The Lowering Speed is Adjusted by the Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-G2.1JH30E/MCDBN2</td>
<td>220VAC</td>
<td>2.2KW</td>
<td>2800 RPM</td>
<td>2.1mL/r</td>
<td>25MPa</td>
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<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-G2.5J4H30E/MCDBN2</td>
<td>380VAC</td>
<td>2.5KW</td>
<td>2800 RPM</td>
<td>2.5mL/r</td>
<td>25MPa</td>
<td>25L</td>
<td>220VAC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR SCISSOR LIFT

General Description

- Gear Pump/ AC Motor/Multi-functional Manifold/-Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve
- The Lowering Speed is Adjusted by the Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.1H4H2/BCDBT1</td>
<td>380VAC</td>
<td>2.2KW</td>
<td>2850RPM</td>
<td>2.1mL/r</td>
<td>23MPa</td>
<td>20L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-G2.5H4H2/BCDBT1</td>
<td>3KW</td>
<td></td>
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<td>2.5mL/r</td>
<td>25MPa</td>
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<td></td>
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<tr>
<td>YBZ5-G2.5G3I2/ACDBT1</td>
<td>220VAC</td>
<td>3KW</td>
<td></td>
<td>2.5mL/r</td>
<td>25MPa</td>
<td>16L</td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
ELECTRIC-BASKETBALL STANDS POWER UNITS

General Description

• High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
• The 4-Way, 3-Position Solenoid Valve
  The Lowering Speed is Adjusted by the Pressure
• Compensated Flow Control Valve

Hydraulic Circuit Diagram

Special Notes

• This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
• Clean all the hydraulic parts concerned before mounting the power unit.
• Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
• Check the oil level in the tank after the initial operation of the power unit.
• Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
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</thead>
<tbody>
<tr>
<td>YBZ5-F1.6B3E42/1</td>
<td>220VAC</td>
<td>0.75KW</td>
<td>1450RPM</td>
<td>1.6ml/r</td>
<td>20MPa</td>
<td>5L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-E3-7B3G42/1</td>
<td>220VAC</td>
<td>1.5KW</td>
<td></td>
<td>3.7ml/r</td>
<td>18MPa</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNIT FOR TIRE CHANGER

General Description

- High Pressure Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- The 4-Way, 3-Position Solenoid Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.7B4G40/MNVBE1</td>
<td>380VAC</td>
<td>1.5KW</td>
<td>1430RPM/1750RPM</td>
<td>2.7ml/r</td>
<td>20MPa</td>
<td>5L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.5B4G40/MNVBE1</td>
<td>380VAC</td>
<td>1.5KW</td>
<td>1430RPM/1750RPM</td>
<td>2.5ml/r</td>
<td>20MPa</td>
<td>6L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.3C4G40/MNVAE1</td>
<td>380VAC</td>
<td>1.5KW</td>
<td>1430RPM/1750RPM</td>
<td>2.1ml/r</td>
<td>20MPa</td>
<td>8L</td>
<td>12VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
TIPPER TRAILER POWER UNITS 1

General Description

- High Pressure Gear Pump/ Low Noise DC Motor/
  Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.18W1W2/WUUAT1</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500rpm</td>
<td>2.1mL/r</td>
<td>20MPa</td>
<td>6L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1A1W2/WUUAT1</td>
<td>12VDC</td>
<td>1.0KW</td>
<td>2500rpm</td>
<td>2.5mL/r</td>
<td>20MPa</td>
<td>4L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.5E2A2/WUCBD1/RC</td>
<td>24VDC</td>
<td>2.5KW</td>
<td>2500rpm</td>
<td>2.7mL/r</td>
<td>20MPa</td>
<td>12L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.7G2A2/WUABD1/RC</td>
<td>24VDC</td>
<td>2.0KW</td>
<td>2500rpm</td>
<td>2.6mL/r</td>
<td>20MPa</td>
<td>16L</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
General Description

- High Pressure Gear Pump/ Low Noise DC Motor/ Multi-functional Manifold/Valve/Tank
- The 4-Way, 2-Position Solenoid Valve
- The Lowering Speed is Adjusted by the Pressure Compensated Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.1B1A61/WUUAT1</td>
<td>12VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL/r</td>
<td>20MPa</td>
<td>6L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1B1A61/WUUUT1</td>
<td>12VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL/r</td>
<td>20MPa</td>
<td>6L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1B2A61/WUABT1/RC</td>
<td>24VDC</td>
<td>2.7mL/r</td>
<td>2700RPM</td>
<td>2.7mL/r</td>
<td>20MPa</td>
<td>6L</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
TIPPER TRAILER POWER UNITS 3

General Description
- High Pressure Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- The 4-Way,2-Position Solenoid Valve

Special Notes
- This type of power unit works at 53 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.1A161/WUUT1</td>
<td>12VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
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<td>22MPa</td>
<td>4L</td>
<td>10VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1B161/WUUT1</td>
<td>12VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL</td>
<td>22MPa</td>
<td>6L</td>
<td>10VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1C161/WUUT1</td>
<td>12VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL</td>
<td>22MPa</td>
<td>8L</td>
<td>10VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1A2161/WUUBT1</td>
<td>24VDC</td>
<td>2.0KW</td>
<td>2500RPM</td>
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<td>22MPa</td>
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<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1B2161/WUUBT1</td>
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<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL</td>
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<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1C2161/WUUBT1</td>
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<td>2.0KW</td>
<td>2500RPM</td>
<td>2.1mL</td>
<td>22MPa</td>
<td>8L</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**General Description**

- High Pressure Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- Normally Closed Solenoid Operated Lowering Valve

**Hydraulic Circuit Diagram**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Outline Dimension**

- View K

**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
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<th>Rated Speed</th>
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<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-F2.1E1W27/WUCAT1</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500rpm</td>
<td>2.1mL/r</td>
<td>20MPa</td>
<td>12L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.1HW27/WUCAT1</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2000rpm</td>
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<td>20MPa</td>
<td>12L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-F2.5E2A27/WUCBT1</td>
<td>24VDC</td>
<td>2.0KW</td>
<td>2500rpm</td>
<td>2.5mL/r</td>
<td>18MPa</td>
<td>12L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-F2.7H2A27/WUCBT1</td>
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<td>2.0KW</td>
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<td>2.7mL/r</td>
<td>18MPa</td>
<td>12L</td>
<td>20L</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**POWER UNITS FOR SNOW PLOW**

**General Description**

- High Pressure Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- Dual Pilot-operated Check Valve
- The 3-Way, 2-Position Solenoid Valve

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.

- Clean all the hydraulic parts concerned before mounting the power unit.

- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.

- Check the oil level in the tank after the initial operation of the power unit.

- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Outline Dimension**

**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
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<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5 — E.1.2Y1W514/WUAAT1</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500 RPM</td>
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<td></td>
<td>2.5ml/r</td>
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</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
WHEEL CHAIR POWER UNITS

General Description

- High Pressure Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-D0.63Y1T48/UVMHK1</td>
<td>12VDC</td>
<td>0.8KW</td>
<td>3500RPM</td>
<td>0.63ml/r</td>
<td>10MPa</td>
<td>1.5L</td>
<td>12VDC</td>
</tr>
<tr>
<td>YBZ5-D0.635T48/UVKHT1</td>
<td>12VDC</td>
<td>0.8KW</td>
<td>3500RPM</td>
<td>0.63ml/r</td>
<td>10MPa</td>
<td>1.4L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-D0.635T48/UVKHT1</td>
<td>24VDC</td>
<td>1.44KW</td>
<td>3500RPM</td>
<td>0.63ml/r</td>
<td>10MPa</td>
<td>1.5L</td>
<td>12VDC</td>
</tr>
</tbody>
</table>

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
RV POWER UNITS 1

General Description
- Bidirectional Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- Dual Pilot-operated Check Valve

Hydraulic Circuit Diagram

Special Notes
- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15~68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZS-F0.88S1T108/UVYOT1</td>
<td>12VDC</td>
<td>0.8KW</td>
<td>3500RPM</td>
<td>0.88ml/r</td>
<td>20MPa</td>
<td>7L</td>
</tr>
<tr>
<td>YBZS-F0.32V2T108/UVYOT1</td>
<td>24VDC</td>
<td>0.8KW</td>
<td>3500RPM</td>
<td>0.32ml/r</td>
<td>20MPa</td>
<td>0.8L</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
RV POWER UNITS 2

General Description

- Bidirectional Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank
- Dual Pilot-operated Check Valve

Hydraulic Circuit Diagram

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZS—E0.5S1T101/1</td>
<td>12VDC</td>
<td>0.8KW</td>
<td>3500RPM</td>
<td>0.5ml/r</td>
<td>17.5MPa</td>
<td>1.4L</td>
</tr>
<tr>
<td>YBZS—E0.63S2T101/1</td>
<td>24VDC</td>
<td>1.4L</td>
<td></td>
<td>0.63ml/r</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**POWER UNITS FOR MEDICAL CARE EQUIPMENT**

### General Description

- High Pressure Gear Pump/DC Motor/Multi-functional Manifold/Valve/Tank

### Hydraulic Circuit Diagram

- P: Supply Pressure
- T: Return Pressure
- M: Motor
- 2-G1/8: Ports

### Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cSt, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

### Outline Dimension

- Dimensions: 105 x 100 x 39.5
- Ports: 2-G1/8
- Size: 37 x 120 x 30 x 45

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-B0.32W2X0/UUTOLT1</td>
<td>24VDC</td>
<td>0.25KW</td>
<td>2500RPM</td>
<td>0.32ml/r</td>
<td>6.5MPa</td>
<td>1L</td>
</tr>
<tr>
<td>YBZ5-C0.26W2X0/UUTOLT1</td>
<td></td>
<td>0.26KW</td>
<td></td>
<td>0.26ml/r</td>
<td>10MPa</td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR ROAD PILE

General Description

- Bidirectional Gear Pump/AC Motor/Multi-functional Manifold/Valve/Tank
- Dual Pilot-operated Check Valve

Outline Dimension

Hydraulic Circuit Diagram

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-81.5J1C08A/TCTBT1</td>
<td>220VAC</td>
<td>0.37KW</td>
<td>2850RPM</td>
<td>1.5ml/r</td>
<td>2.5MPa</td>
<td>0.5L</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
General Description

- High Pressure and Low Noise Gear Pump/DC Motor/- Multi-functional Manifold/Valve/Tank
- Two-way Shut-off Valve
- The Lowering Speed is Adjusted by the Flow Control Valve

Hydraulic Circuit Diagram

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-D1.6A9A30/WUCTT2</td>
<td>48VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>1.6ml/r</td>
<td>10MPa</td>
<td>3L</td>
<td>48VDC</td>
</tr>
<tr>
<td>YBZ5-D1.6A9A30/WUCAT1</td>
<td>48VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>1.6ml/r</td>
<td>10MPa</td>
<td>3L</td>
<td>12VDC</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
POWER UNITS FOR VEHICLE TAILGATE

General Description

- High Pressure and Low Noise Gear Pump/DC Motor/-
  Multi-functional Manifold/Valve/Tank
- The 3-way,2-Position Solenoid Valve
  The Lowering Speed of Ramp is Adjusted by an
- One-way Flow Control Valve

Special Notes

- This type of power unit works at S3 duty cycle,
  i.e., intermittent duty, 30 seconds on-load and 270
  seconds off-load.
- Clean all the hydraulic parts concerned before
  mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which
  should also be clean and free of impurities. N46
  hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation
  of the power unit.
- Oil changing is required after the initial 100 operation
  hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Tank Capacity</th>
<th>Solenoid Valve Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>YBZ5-D3.2E2A70C/WUCBO1</td>
<td>24VDC</td>
<td>2KW</td>
<td>2500RPM</td>
<td>2.5mL/r</td>
<td>16MPa</td>
<td>12L</td>
<td>24VDC</td>
</tr>
<tr>
<td>YBZ5-D3.2E2A70C/WUCBO1</td>
<td>2KW</td>
<td>3.2mL/r</td>
<td>12MPa</td>
<td></td>
<td></td>
<td></td>
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Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
DC MOTOR PUMP GROUP 1

Order Code

<table>
<thead>
<tr>
<th>Design NO.</th>
<th>A-Z</th>
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</thead>
<tbody>
<tr>
<td>Nominal Speed</td>
<td>U 2500RPM</td>
</tr>
<tr>
<td>Motor Type</td>
<td>X 5&quot;</td>
</tr>
<tr>
<td>Motor Power</td>
<td>B 3KW</td>
</tr>
<tr>
<td>Motor Voltage</td>
<td>2 24V</td>
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</table>

DC Motor Pump Group

Pump Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-1S</td>
<td>20MPa</td>
</tr>
<tr>
<td>DMP-1SD</td>
<td>10MPa</td>
</tr>
<tr>
<td>DMP-1SF</td>
<td>6.5MPa</td>
</tr>
</tbody>
</table>

Pump Displacement

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
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</thead>
<tbody>
<tr>
<td>DMP-1SF3.2</td>
<td>24VDC</td>
</tr>
<tr>
<td>DMP-1SF4</td>
<td>12V</td>
</tr>
<tr>
<td>DMP-1SF6</td>
<td>112V</td>
</tr>
<tr>
<td>DMP-1SF9</td>
<td>6.5MPa</td>
</tr>
</tbody>
</table>

Order Code

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-1SF3.2</td>
<td>24VDC</td>
</tr>
<tr>
<td>DMP-1SF4</td>
<td>12V</td>
</tr>
<tr>
<td>DMP-1SF6</td>
<td>112V</td>
</tr>
<tr>
<td>DMP-1SF9</td>
<td>6.5MPa</td>
</tr>
</tbody>
</table>

Order Code

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-1SF3.2</td>
<td>24VDC</td>
</tr>
<tr>
<td>DMP-1SF4</td>
<td>12V</td>
</tr>
<tr>
<td>DMP-1SF6</td>
<td>112V</td>
</tr>
<tr>
<td>DMP-1SF9</td>
<td>6.5MPa</td>
</tr>
</tbody>
</table>

Order Code

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-1SF3.2</td>
<td>24VDC</td>
</tr>
<tr>
<td>DMP-1SF4</td>
<td>12V</td>
</tr>
<tr>
<td>DMP-1SF6</td>
<td>112V</td>
</tr>
<tr>
<td>DMP-1SF9</td>
<td>6.5MPa</td>
</tr>
</tbody>
</table>

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Rated Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-1SF3.2-2BXU-A</td>
<td>24VDC</td>
<td>3KW</td>
<td>3.2mL/r</td>
<td>20MPa</td>
<td>2500rpm</td>
</tr>
<tr>
<td>DMP-1SF4-2BXU-A</td>
<td>112V</td>
<td>1.5KW</td>
<td>6mL/r</td>
<td>18MPa</td>
<td></td>
</tr>
<tr>
<td>DMP-1SF6-2BXU-A</td>
<td>112V</td>
<td>1.5KW</td>
<td>9mL/r</td>
<td>10MPa</td>
<td></td>
</tr>
<tr>
<td>DMP-1SF9-2BXU-A</td>
<td>6.5MPa</td>
<td>3KW</td>
<td>3.2mL/r</td>
<td>20MPa</td>
<td></td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.

Special Notes

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 30 seconds on-load and 270 seconds off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Outline Dimension

Hydraulic Circuit Diagram

Outlet Port

Inlet Port

Motor Voltage

Motor Power

Displacement

System Pressure

Rated Speed
DC MOTOR PUMP GROUP 2

Order Code

**DC Motor Pump Group**

<table>
<thead>
<tr>
<th>Design NO.</th>
<th>A-Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Speed</td>
<td>U 2500RPM</td>
</tr>
<tr>
<td>Motor Type</td>
<td>W 4.5&quot;</td>
</tr>
<tr>
<td>Motor Power</td>
<td>B 3KW</td>
</tr>
<tr>
<td>Motor Voltage</td>
<td>W 1.5KW</td>
</tr>
</tbody>
</table>

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cSt, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

Hydraulic Circuit Diagram

Outlet Port

Inlet Port

Outline Dimension

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement</th>
<th>System Pressure</th>
<th>Dimension (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-RE1.8-1WWU-A</td>
<td>12VDC</td>
<td>1.5KW</td>
<td>2500RPM</td>
<td>1.8ml/r</td>
<td>16MPa</td>
<td>M 63.5, L 300.3</td>
</tr>
<tr>
<td>DMP-RE2.7-2MWU-A</td>
<td>24VDC</td>
<td>2.2KW</td>
<td>2500RPM</td>
<td>2.1ml/r</td>
<td>10MPa</td>
<td>M 71.8, L 301.3</td>
</tr>
<tr>
<td>DMP-RE2.6-2MWU-A</td>
<td>48VDC</td>
<td>2.6KW</td>
<td>2500RPM</td>
<td>2.6ml/r</td>
<td>16MPa</td>
<td>M 63.5, L 300.3</td>
</tr>
</tbody>
</table>

Remark: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Voltage</th>
<th>Motor Power</th>
<th>Rated Speed</th>
<th>Displacement (ml/r)</th>
<th>Operating Pressure</th>
<th>Dimension (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMP-CN6/4-2PTT-A</td>
<td>24VDC</td>
<td>4.5KW</td>
<td>2850RPM</td>
<td>6.47</td>
<td>20MPa</td>
<td>12x18.5</td>
</tr>
<tr>
<td>DMP-CN6/4-9PTT-A</td>
<td>48VDC</td>
<td>3.3KW</td>
<td>2100RPM</td>
<td>4.47</td>
<td>16MPa</td>
<td>8x16</td>
</tr>
</tbody>
</table>

**Order Code**

- **DMP**: DC motor pump group
- **CN**: Pump Type
- **DMP-CN**: Design NO.
- **□□/□□**: Front Pump Displacement
- **□□/□□**: Rear Pump Displacement
- **T T A - / A-Z**: Nominal Speed 2500-3000RPM
- **P**: Motor Type
- **T >5°**: Motor Power 4.5KW
- **I 3.3KW**: Motor Voltage 24V

**Special Notes**

- This type of power unit works at S3 duty cycle, i.e., intermittent duty, 1 minute on-load and 9 minutes off-load.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15–68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- Check the oil level in the tank after the initial operation of the power unit.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

**Outline Dimension**

- **View A**: DC motor pump group
- **2x3/4-16UNC**: Out Port
- **6.37ml/r**: Front Pump Displacement
- **4.47ml/r**: Rear Pump Displacement

**Remark**: Please go to page 1 or consult our sales engineer for the different pump displacement, motor power or system pressure.
Bucher Hydraulics (Wuxi) CO.,Ltd.

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