**RP series Rotor Pumps**

**Features**

- **Low noise**
  Substantial reduction of the operation noise, by 10 to 15 db (comparison with Daikin products), and improved sound quality are achieved by adopting noise reduction technology unique to Daikin.

- **Downsizing**
  The integrated structure reduces the total length by approximately 40% in comparison with Daikin conventional models, makes handling simpler, and is leading to downsizing the main machine.

- **Low pulsation**
  Pulsation has also been reduced by approximately 50% in comparison with Daikin conventional models.

- **High reliability**
  The fully enclosed structure with no shaft protruding from the casing eliminates the possibility of oil leakage without an oil seal. In addition, the oil-cooled motor suppresses temperature rise of the coil and enables prolonged continuous overloaded operation.

- **CE compliant**
  These models are best suited to integration into European Safety Standard (CE) compliant equipment since they are equipped with a terminal box that satisfies the IP54 ingress protection grade and complies with international standards such as EN60034-1.

**Nomenclature**

- **Pressure compensator control**

  | RP | A | - | - | 30 | - | - |
  | 1 | 2 | 3 | 4 | 9 | 10 | 11 |

- **Combination control (pressure feedback method)**

  | RP | C | - | - | H | - | - |
  | 1 | 2 | 3 | 5 | 6 | 7 | 9 |

- **Combination control (solenoid operated method)**

  | RP | C | - | - | J | - | - |
  | 1 | 2 | 3 | 5 | 6 | 7 | 8 |

**Note:** Refer to Page C-6 for possible combinations of pump capacities, control methods, and motor outputs.

**Model No.**

RP: RP series rotor pump

**Pump capacity**

- 08: 8.0 cm³/rev
- 15: 14.8 cm³/rev
- 23: 24.4 cm³/rev
- 38: 37.7 cm³/rev

**Control method I**

- A: Pressure compensator control
- C: Combination control

**Pressure adjustment range**

(See the pressure adjustment range table)

**Low pressure adjustment range**

1: 2.5 to 7 MPa (25 to 70 kgf/cm²)
2: 2.5 to 14 MPa (25 to 140 kgf/cm²)

**High pressure adjustment range**

1: 2.5 to 7 MPa (25 to 70 kgf/cm²)
2: 2.5 to 14 MPa (25 to 140 kgf/cm²)
3: 3.5 to 21 MPa (35 to 210 kgf/cm²)

**Control method II**

- H: Pressure feedback method
- J: Solenoid operated method

**Voltage code for the solenoid valve**

- A: AC 100 V (50/60 Hz), AC 110 V (60 Hz)
- B: AC 200 V (50/60 Hz), AC 220 V (60 Hz)
- P: DC 24 V

**Motor output (See the motor specification table)**

**Voltage specifications**

- No designation: AC 200 V (50/60 Hz), AC 220 V (60 Hz)
- X: AC 230 V (50 Hz)
- Y: AC 380 V (50 Hz), AC 400 V (50/60 Hz)
  - AC 415 V (50 Hz), AC 440 V (60 Hz)
  - AC 460 V (60 Hz)

**Design No.**

(The design No. is subject to change)

**Control method III**

- No designation: Without remote control system
- RC: With remote control system

**Pump installation**

- No designation: Foot support mount
- T: Vertical installation*1

Refer to Page N-8 for NDR series rotor packs, i.e. hydraulic units equipped with an RP series rotor pump.

Note: *1 Vertical installation can only be applied to RP08 and RP15. Since the vibration-absorbing rubber pad has no effect in vertical installation, be sure to secure sufficient rigidity on the mounting base and incorporate a structure that absorbs vibration. Insufficient rigidity of the mounting base may cause noise and vibration.
Models and pressure adjustment range table

### Pressure compensator control

#### 4. Pressure adjustment range

<table>
<thead>
<tr>
<th>Code</th>
<th>Pressure adjustment range MPa (kgf/cm²)</th>
<th>Without remote control system</th>
<th>With remote control system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RP08</td>
<td>RP15</td>
</tr>
<tr>
<td>1</td>
<td>1.5 to 7 (15 to 70)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1</td>
<td>2.0 to 7 (20 to 70)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>2</td>
<td>1.5 to 14 (15 to 140)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2</td>
<td>2.0 to 14 (20 to 140)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>3</td>
<td>2.0 to 21 (20 to 210)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>3</td>
<td>3.5 to 21 (35 to 210)</td>
<td>–</td>
<td>✓</td>
</tr>
</tbody>
</table>

Note: *1 Applies only to the models with the motor output of 1.5 kW.  
*2 Applies only to the models with the motor output of 2.2 kW.  
*3 Applies only to the models with the motor output of 3.7 kW.  
*4 Applies only to the models with the motor output of 5.5 kW.

### Combination control

#### 5. Low pressure adjustment range

<table>
<thead>
<tr>
<th>Code</th>
<th>Pressure adjustment range MPa (kgf/cm²)</th>
<th>Without remote control system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pressure feedback method</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RP08</td>
</tr>
<tr>
<td>1</td>
<td>2.5 to 7 (25 to 70)</td>
<td>–</td>
</tr>
<tr>
<td>2</td>
<td>2.5 to 14 (25 to 140)</td>
<td>–</td>
</tr>
</tbody>
</table>

#### 6. High pressure adjustment range

<table>
<thead>
<tr>
<th>Code</th>
<th>Pressure adjustment range MPa (kgf/cm²)</th>
<th>Without remote control system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pressure feedback method</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RP08</td>
</tr>
<tr>
<td>1</td>
<td>2.5 to 7 (25 to 70)</td>
<td>–</td>
</tr>
<tr>
<td>2</td>
<td>2.5 to 14 (25 to 140)</td>
<td>–</td>
</tr>
<tr>
<td>3</td>
<td>3.5 to 21 (35 to 210)</td>
<td>–</td>
</tr>
</tbody>
</table>

### Motor output

<table>
<thead>
<tr>
<th>Code</th>
<th>Output kW (Number of poles: 4P)</th>
<th>Insulation type</th>
<th>Applicable model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP08</td>
</tr>
<tr>
<td>07</td>
<td>0.75</td>
<td>Type B</td>
<td>✓</td>
</tr>
<tr>
<td>15</td>
<td>1.5</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>22</td>
<td>2.2</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>37</td>
<td>3.7</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>55</td>
<td>5.5</td>
<td></td>
<td>–</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Model code</th>
<th>Theoretical discharge rate $\text{cm}^3$/rev</th>
<th>Maximum operating pressure MPa ($\text{kgf/cm}^2$)</th>
<th>Discharge rate adjustment range 60 Hz L/min</th>
<th>Output kW (Number of poles: 4P)</th>
<th>Rated current A$^*$</th>
<th>Mass kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP08A×-07-30(RC)</td>
<td>8.0</td>
<td>14 (140)$^*$</td>
<td>4.8 to 14.0</td>
<td>0.75</td>
<td>3.8, 3.4, 3.4</td>
<td>30</td>
</tr>
<tr>
<td>RP15A×-15-30(RC)</td>
<td></td>
<td>14 (140)</td>
<td>12.0 to 25.0</td>
<td>1.5, 6.8, 6.0</td>
<td>5.8</td>
<td></td>
</tr>
<tr>
<td>RP15A×-22-30(RC)</td>
<td></td>
<td>21 (210)</td>
<td></td>
<td>2.2, 9.6, 8.8</td>
<td>8.4</td>
<td></td>
</tr>
<tr>
<td>RP15C××H(J)-15-30</td>
<td>14.8</td>
<td></td>
<td></td>
<td>1.5, 6.8, 6.0</td>
<td>5.8</td>
<td></td>
</tr>
<tr>
<td>RP15C××H(J)-22-30</td>
<td></td>
<td>21 (210)</td>
<td>High quantity adjustment range 12.0 to 25.0$^*$ Low quantity adjustment range 3.5 to 10.0</td>
<td>2.2, 9.6, 8.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RP23A×-22-30(RC)</td>
<td>24.4</td>
<td>14 (140)</td>
<td>20.0 to 42.0</td>
<td>2.2, 10.0, 9.2, 8.7</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>RP23C××H(J)-22-30</td>
<td></td>
<td>21 (210)</td>
<td>B$^*$</td>
<td>3.7, 15.1, 14.7, 13.4</td>
<td>H:70 (J:72)</td>
<td></td>
</tr>
<tr>
<td>RP38A×-37-30(RC)</td>
<td></td>
<td>14 (140)</td>
<td>20.0 to 64.0</td>
<td>3.7, 15.1, 14.7, 13.4</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>RP38A×-55-30(RC)</td>
<td></td>
<td>21 (210)</td>
<td></td>
<td>5.5, 22.0, 21.2, 19.6</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>RP38C××H(J)-37-30</td>
<td>37.7</td>
<td></td>
<td>High quantity adjustment range 30.0 to 64.0$^*$ Low quantity adjustment range 5.8 to 25.0</td>
<td>3.7, 15.1, 14.7, 13.4</td>
<td>H:76 (J:78)</td>
<td></td>
</tr>
<tr>
<td>RP38C××H(J)-55-30</td>
<td></td>
<td>21 (210)</td>
<td></td>
<td>5.5, 22.0, 21.2, 19.6</td>
<td>H:90 (J:92)</td>
<td></td>
</tr>
</tbody>
</table>

The unit is painted in white (Munsell code N8.5).

Note: * Some restrictions apply to the conditions of use when using the product at a pressure in the range 7 to 14 MPa (70 to 140 kgf/cm$^2$).
- JR-G(T)02 and JRP-G02 are recommended for the remote control system’s relief valve. If the vent port is blocked, the pressure compensation structure does not work and the pump operates at a fixed pressure. In such a case, connect a relief valve at the discharge side of the pump.
- The high quantity adjustment range may be restricted due to the setting for the low quantity range. See the graphs on Page C-9 for details.
- A: RP23-22 High quantity adjustment range: 20.0 to 42.0, Low quantity adjustment range: 3.7 to 15.0
- B: RP23-37 High quantity adjustment range: 30.0 to 42.0, Low quantity adjustment range: 5.8 to 25.0
- * Refer to Page C-11 for the reference current values for selecting the thermistor capacity.
- Piping flanges are not provided with the pump. Order them separately as required by referring to Page S-4.
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### Relationship between number of revolutions of the pressure adjusting screw and variation of discharge pressure

- Although the discharge pressure varies depending on the load conditions, the PC pressure setting that serves as the upper limit for the discharge pressure can be set using the PC valve’s pressure adjusting function.
  - Turning the adjusting screw clockwise (tightening direction) increases the PC pressure setting.
  - Turning the adjusting screw counterclockwise (loosening direction) decreases the PC pressure setting.
- Excessive loosening of the pressure adjusting screw may cause oil to leak from the threaded section or parts to spring out. Do not loosen the screw beyond the pressure adjustment range.
- The 1st to 3rd patterns correspond to the pressure adjustment range designation codes 1 to 3.

### Relationship between the protruding length of the discharge rate adjusting screw and the discharge rate (pressure compensator control)

- The discharge rate can be set to the desired value by turning the discharge rate adjusting screw provided on the front cover.
  - Turning the adjusting screw clockwise (tightening direction) decreases the discharge rate.
  - Turning the adjusting screw counterclockwise (loosening direction) increases the discharge rate.
- The relationship between the discharge rate and the protruding length of the adjusting screw is shown below.
- Set the discharge rate to no lower than two-thirds of the maximum discharge rate, otherwise the suction capacity may be insufficient.
- Overtightening of the discharge rate adjusting screw may cause oil to leak from the threaded section. Do not tighten the screw beyond the adjustment range.
Relationship between the protruding length of the discharge rate adjusting screw and the discharge rate (combination control)

Note: Refer to Page A-12 for the discharge rate setting procedure.

The discharge rate adjusting screws are provided with scales on the nameplates as shown below.

<table>
<thead>
<tr>
<th>Pump model</th>
<th>Scale (°)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP15C-15</td>
<td>Low quantity adjusting screw 0 to 12</td>
</tr>
<tr>
<td></td>
<td>High quantity adjusting screw 0 to 15</td>
</tr>
<tr>
<td>RP23C, 38</td>
<td>Low quantity adjusting screw 0 to 8</td>
</tr>
<tr>
<td></td>
<td>High quantity adjusting screw 4 to 18</td>
</tr>
</tbody>
</table>

(Scale graduation: 1°)

Factory settings
The discharge rate for the high quantity range is factory adjusted to the maximum discharge rate and the discharge rate for the low quantity range is generally factory adjusted as follows.

<table>
<thead>
<tr>
<th>Pump type</th>
<th>Low quantity (QL) setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP15C-15</td>
<td>Scale position: 2°</td>
</tr>
<tr>
<td>RP15C-22</td>
<td>Scale position: 4°</td>
</tr>
<tr>
<td>RP23C-22</td>
<td>Scale position: 2°</td>
</tr>
<tr>
<td>RP23C-37</td>
<td>Scale position: 3°</td>
</tr>
<tr>
<td>RP38C-37</td>
<td>Scale position: 3°</td>
</tr>
<tr>
<td>RP38C-55</td>
<td>Scale position: 5°</td>
</tr>
</tbody>
</table>

Discharge rate adjusting section
Pressure - Flow Rate characteristics

- 220 V (60 Hz)

![Graphs showing pressure-flow rate characteristics for different models](image)

Note: The diagrams show the pressure - flow rate characteristics under the following conditions.

- 100%: Output at the rated current
- 150%: Output at 150% of the rated current (continuous operation possible)
- 200%: Output at 200% of the rated current (momentary operation possible)

* Refer to the next page for the thermistor capacities of rotor pumps.

- 200 V (50 Hz)

![Graphs showing pressure-flow rate characteristics for different models](image)
Pressure - Flow Rate characteristics

![Graphs of pressure-flow rate characteristics for different models](image)

* The reference current values for selecting the thermistor capacity are given below for each of the rotor pump models and operation conditions.

<table>
<thead>
<tr>
<th>Model</th>
<th>RP08-07</th>
<th>RP15-15</th>
<th>RP15-22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input power</td>
<td>200 V (50 Hz)</td>
<td>200 V (60 Hz)</td>
<td>220 V (60 Hz)</td>
</tr>
<tr>
<td>Input current = 100% (A)</td>
<td>3.8</td>
<td>3.4</td>
<td>3.4</td>
</tr>
<tr>
<td>Input current = 150% (A)</td>
<td>5.7</td>
<td>5.1</td>
<td>5.1</td>
</tr>
<tr>
<td>Input current = 200% (A)</td>
<td>7.6</td>
<td>6.8</td>
<td>6.8</td>
</tr>
</tbody>
</table>

Note: When taking the power supply voltage fluctuation of 10% into account, it is recommended to use the thermistor current setting obtained by multiplying the current value at the 150% load in the tables to the left by 1.1.

<table>
<thead>
<tr>
<th>Model</th>
<th>RP23-22</th>
<th>RP23-37</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input power</td>
<td>200 V (50 Hz)</td>
<td>200 V (60 Hz)</td>
</tr>
<tr>
<td>Input current = 100% (A)</td>
<td>10.0</td>
<td>9.2</td>
</tr>
<tr>
<td>Input current = 150% (A)</td>
<td>15.0</td>
<td>13.8</td>
</tr>
<tr>
<td>Input current = 200% (A)</td>
<td>20.0</td>
<td>18.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>RP38-37</th>
<th>RP38-55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input power</td>
<td>200 V (50 Hz)</td>
<td>200 V (60 Hz)</td>
</tr>
<tr>
<td>Input current = 100% (A)</td>
<td>15.1</td>
<td>14.7</td>
</tr>
<tr>
<td>Input current = 150% (A)</td>
<td>22.7</td>
<td>22.1</td>
</tr>
<tr>
<td>Input current = 200% (A)</td>
<td>30.2</td>
<td>29.4</td>
</tr>
</tbody>
</table>
Noise characteristics (measuring position: 1 m from pump front)

- **RP08-07**
  - Solid line: 220 V (60 Hz)
  - Dashed line: 200 V (50 Hz)

- **RP15-15**
  - At maximum discharge rate
  - At full cutoff

- **RP15-22**
  - At maximum discharge rate
  - At full cutoff

- **RP23-22**
  - At maximum discharge rate
  - At full cutoff

- **RP23-37**
  - At maximum discharge rate
  - At full cutoff

- **RP38-37**
  - At maximum discharge rate
  - At full cutoff

- **RP38-55**
  - At maximum discharge rate
  - At full cutoff

Drainage volume characteristics

- **RP08-07**
- **RP15-15**
- **RP15-22**
- **RP23-22**
- **RP23-37**
- **RP38-37**
- **RP38-55**

**Solid line:** 220 V (60 Hz)
**Dashed line:** 200 V (50 Hz)

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External dimension diagram

**RP08A*-07-30**

Discharge port Rc½ (plugged at factory)

Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291) or equivalent at the suction side.

**RP08A2-07-30RC**

Discharge port Rc½ (plugged at factory)

Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291) or equivalent at the suction side.

**RP15A*-15-30**

Discharge port Rc½ (plugged at factory)

Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291) or equivalent at the suction side.

**RP15A*-22-30**

Discharge port Rc½ (plugged at factory)

Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291) or equivalent at the suction side.
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External dimension diagram

RP15A2-15-30RC
RP15A3-22-30RC

Discharge port Rc½ (plugged at factory)
Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291)
or equivalent at the suction side.

PC remote control valve
Vent port RC¼
Discharge port Rc¾

M12 [Hexagonal flat nut: 21]
(Oil filler port for the pump case)
Discharge rate adjusting screw
(clockwise: discharge rate decrease)
(Socket for hex key: 5)
(Factory adjusted)

PC differential pressure adjusting screw
(Factory adjusted)

Detail of terminal box: Page C-18

View X

M12 [Hexagonal flat nut: 21]
(Oil filler port for the pump case)
Discharge rate adjusting screw
(Low quantity)

Discharge rate adjusting screw
(High quantity)

High pressure adjusting screw (PH)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut: 27)

Low pressure adjusting screw (PL)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut : 27)

RP15C＊＊H-15-30
RP15C＊＊H-22-30

Discharge port Rc½ (plugged at factory)
Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291)
or equivalent at the suction side.

PC remote control valve
Vent port RC¼
Discharge port Rc¾

Detail of terminal box: Page C-18

View X

M12 [Hexagonal flat nut: 21]
(Oil filler port for the pump case)
Discharge rate adjusting screw
(Low quantity)

Discharge rate adjusting screw
(High quantity)

High pressure adjusting screw (PH)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut: 27)

Low pressure adjusting screw (PL)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut : 27)

RP15C＊＊J＊＊-15-30
RP15C＊＊J＊＊-22-30

Discharge port Rc½ (plugged at factory)
Suction port

4-M10, effective thread depth 20
Use SHA15 or SSA20 pipe flange (JIS B 2291)
or equivalent at the suction side.

Magnetic valve
(KSO-G02-2B＊＊-＊＊-C)

Detail of terminal box: Page C-18

View X

M12 [Hexagonal flat nut: 21]
(Oil filler port for the pump case)
Discharge rate adjusting screw
(Low quantity)

Discharge rate adjusting screw
(High quantity)

High pressure adjusting screw (PH)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut: 27)

Low pressure adjusting screw (PL)
(Socket for hex key: 6.5)
(Hexagonal flat lock nut : 27)
External dimension diagram

### RP23A*-22-30

**Model code**: RP23A*-22-30
**Dimensions**: A 67, B 352, C 197, D 267

### RP23A*-37-30

**Model code**: RP23A*-37-30
**Dimensions**: A 77, B 372, C 217, D 287

### RP23A2-22-30RC

**Model code**: RP23A2-22-30RC
**Dimensions**: A 67, B 275, C 352, D 197, E 267

### RP23A3-37-30RC

**Model code**: RP23A3-37-30RC
**Dimensions**: A 77, B 295, C 372, D 217, E 287

### RP23C**-H-22-30

**Model code**: RP23C**-H-22-30
**Dimensions**: A 67, B 434, C 197, D 267, E 309

### RP23C**-H-37-30

**Model code**: RP23C**-H-37-30
**Dimensions**: A 77, B 454, C 217, D 287, E 329

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Contact Details
External dimension diagram

**RP23C××J×-22-30**
**RP23C××J×-37-30**

- **Discharge port Rc¾** (plugged at factory)
- **Suction port**
- **4-M10, effective thread depth 20**

**RP38A×-37-30**
**RP38A×-55-30**

- **Discharge port Rc¾** (plugged at factory)
- **Suction port**
- **4-M10, effective thread depth 20**

**Model code** | **Dimensions** | **A** | **B** | **C** | **D** | **E**
--- | --- | --- | --- | --- | --- | ---
RP23C××J×-22-30 | 67 434 197 267 309 | | | | | |
RP23C××J×-37-30 | 77 454 217 287 329 | | | | | |

**RP38A×-37-30**
**RP38A×-55-30**

- **Discharge port Rc¾** (plugged at factory)
- **Suction port**
- **4-M10, effective thread depth 20**

**Model code** | **Dimensions** | **A** | **B** | **C** | **D** | **E**
--- | --- | --- | --- | --- | --- | ---
RP38A×-37-30 | 77 372 217 287 | | | | | |
RP38A×-55-30 | 96 410 255 325 | | | | | |

**RP38A2-37-30RC**
**RP38A3-55-30RC**

- **Discharge port Rc¾** (plugged at factory)
- **Suction port**
- **4-M10, effective thread depth 20**

**Model code** | **Dimensions** | **A** | **B** | **C** | **D** | **E**
--- | --- | --- | --- | --- | --- | ---
RP38A2-37-30RC | 77 295 372 217 287 | | | | | |
RP38A3-55-30RC | 96 333 410 255 325 | | | | | |
External dimension diagram

RP38C××H-37-30
RP38C××H-55-30

Discharge port Rc¾
(plugged at factory)

Suction port

X

Y

4-M10, effective thread depth 20

Size 1¼ split flange boss
(SAE J518)

Model code   Dimensions A B C D E
RP38C××H-37-30 77 454 217 287 329
RP38C××H-55-30 96 492 255 325 367

RP38C××J×-37-30
RP38C××J×-55-30

Discharge port Rc¾
(plugged at factory)

Suction port

X

Y

4-M10, effective thread depth 20

Size 1¼ split flange boss
(SAE J518)

Model code   Dimensions A B C D E
RP38C××J×-37-30 77 454 217 287 329
RP38C××J×-55-30 96 492 255 325 367

Detail of terminal box

Terminal block wiring diagram

U-phase

V-phase

W-phase

E

Ground

Connecting screw size, fastening torque: M5 × 4 pcs., 3 N·m max.

Motor capacity: 3.7 kW maximum

Motor capacity: 5.5 kW
Sectional structural diagram

Seal/bearing table

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<tr>
<th>Part No.</th>
<th>Product name</th>
<th>Quantity</th>
<th>Part specifications</th>
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<td>O-ring</td>
<td>1</td>
<td>RP15 AS568-160 (HS90)</td>
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<td>RP23, RP38 JIS B 2401 1B-P7</td>
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<td>Needle bearing</td>
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Material
- NBR

Contact Details
Before using the product, please check the guide pages at the front of this catalog.

http://www.daikinpmc.com/en/
For latest information, PDF catalogs and operation manuals