

Immersion type

COOLANT PUMP Series

Long Life

IE3, GB3, NEMA PREMIUM, KS-C motor

Varieties of standard application

Ver. 1.2



Clean liquid type
(Middle / High pressure)



Dirty liquid type
(Low pressure)

Reduce annoying pump maintenance

Kawamoto Immersion Coolant Pump

High pressure pumping
for clean liquid

Application

Pressurised delivery of coolant liquid after primary filtration to machine tool at high pressure.

Realization of longer life of pump
with adoption of mechanical seal-
less and unique relief structure

RCC type

Maintenance reduction structure

⇒ P.3



Tough on dirty liquid

Application

Dirty liquid generated in the machine tool is pumped
to the filtration device.

Boasting overwhelming durability, reducing delay to
the manufacturing site due to pump trouble.



RCD type

Overwhelming
endurance!

⇒ P.23



RCE type

High-efficiency,
high flow rate type!

⇒ P.28



RCJ type

Excellent foreign
substance permeability!

⇒ P.32



RCA type

Small bore size &
output type!

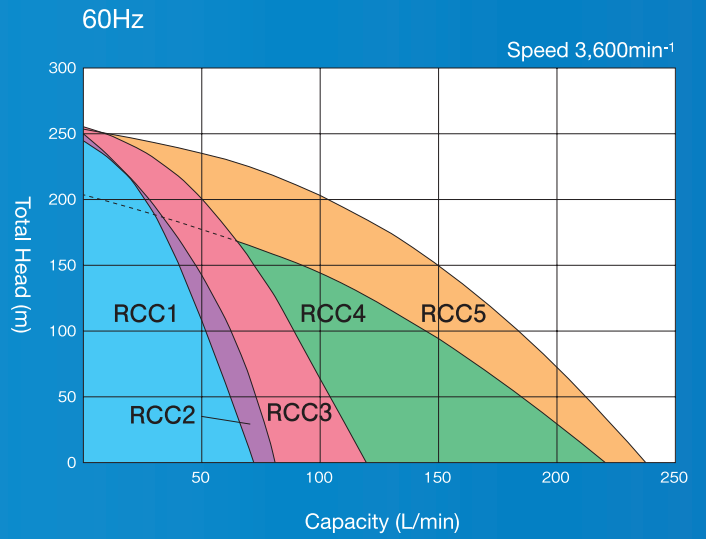
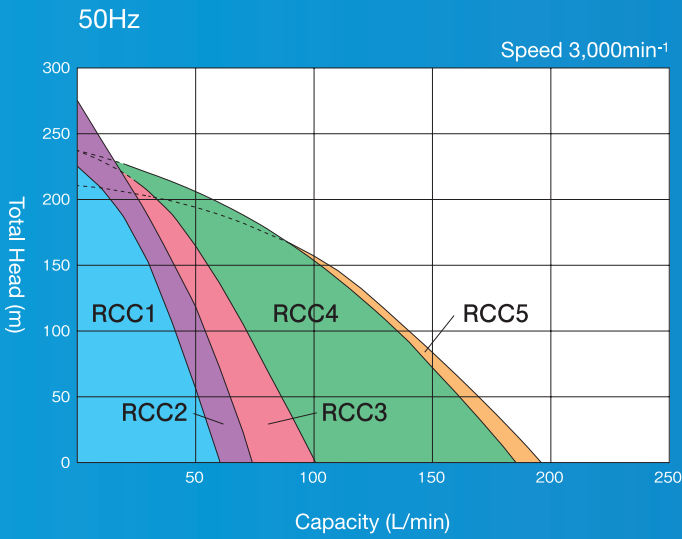
⇒ P.35

Compatible with national standards and high efficiency regulation with our own in-house motors.

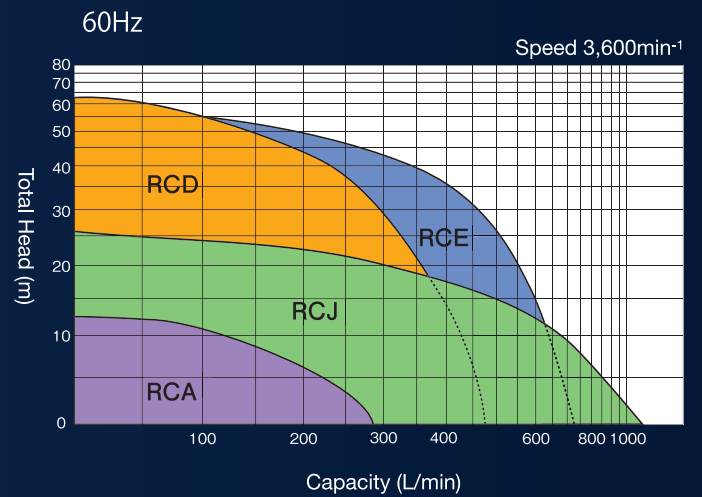
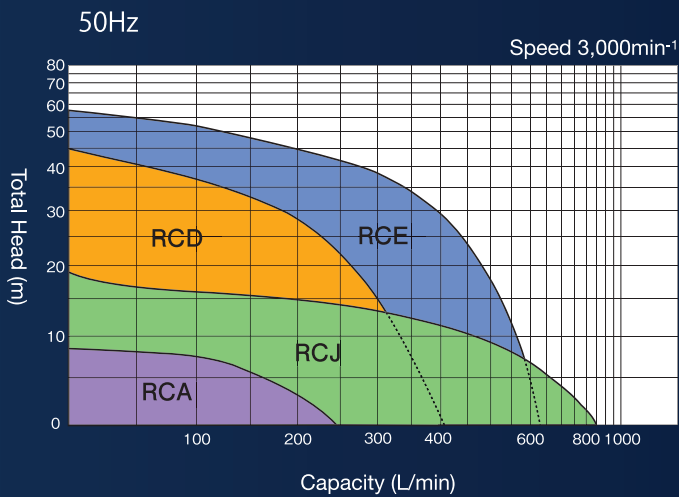
IE3  GB3  NEMA Premium  KS-C 

* Some output is excluded. Also, since the RCA type is small output, it is excluded. Please contact us for details.

■ Selection range



■ Selection range



RCC type

High pressure type

Compliant motor standard
IE3 / GB3 / NEMA PREMIUM / KS-C

Maintenance reduction structure

RCC

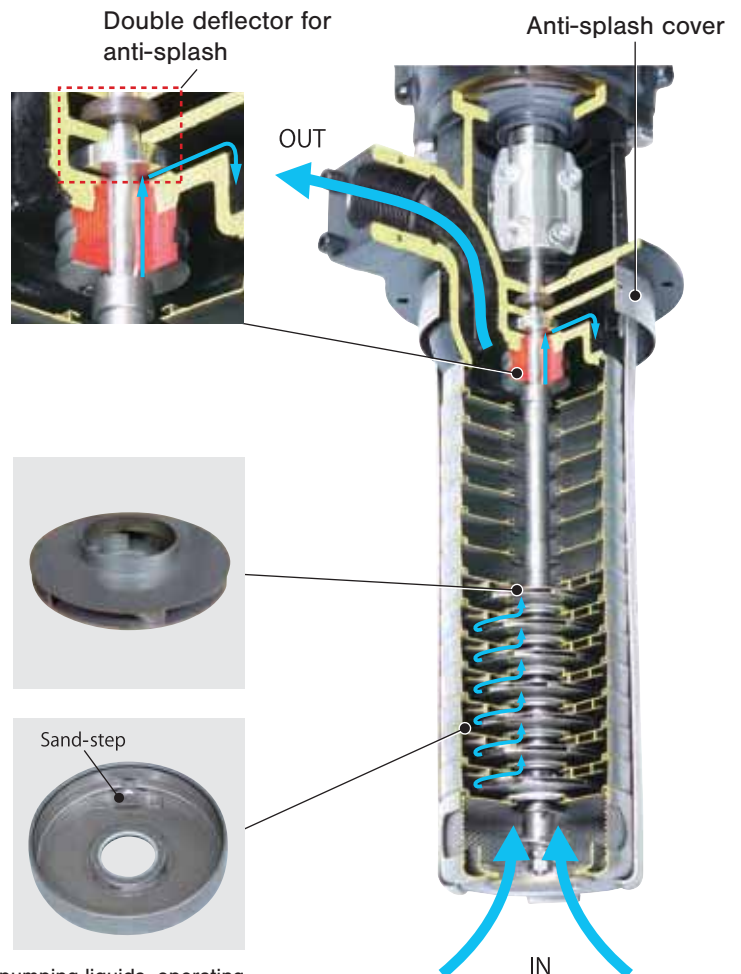
| Standard Specifications | | |
|-------------------------|--|--|
| Model / Name | RCC Coolant Pump | |
| Scope of application | Installation location | Indoors |
| | Installation conditions | Vertical installation (horizontal installation not possible) |
| | Ambient conditions | Temperature: 0 to 40°C |
| | | Humidity: 90% RH or lower (Non condensing) |
| | Liquid type*1 | Coolant, other |
| | Liquid temp | 0 to 60°C |
| Kinetic viscosity | 1 mm ² /s or lower (Please contact us about Oiliness) | |
| Motor | Type | TEFC indoor, 2 poles, three phase 200V class*2 |
| | Efficiency | Premium efficiency (IE3) |



*1 Please inquire in case of oil-based coolant fluids.
In addition, for fresh water, hot water, pure water, and washing liquid model are available as special specification.
*2 Please inquire about 400V class.

Mechanical sealless structure

Mechanical sealless structure free from coolant liquid splash caused by mechanical seal breakage.



Impeller and Casing

Impeller

Keep good condition after two million (2,000,000) or more times of start and stop. *

Test Condition

360sw/hr (ON:5sec. OFF:5sec.)

Casing

It is the structure that fine chips contained in the fluid are difficult to stay in the casing due to the sand-step structure.

* The life-time of pumps and pump components vary depending on pumping liquids, operating condition and so on.

Unique submerged bearing with relief function

Structure which prevents breakage of pump internal parts from water hammering effect generated when the solenoid valve is closed quickly.

Keep good condition after 1.5 million (1,500,000) or more times of start and stop. *

Test Conditon

720 /hr (Open: 3sec. Close: 2sec.)

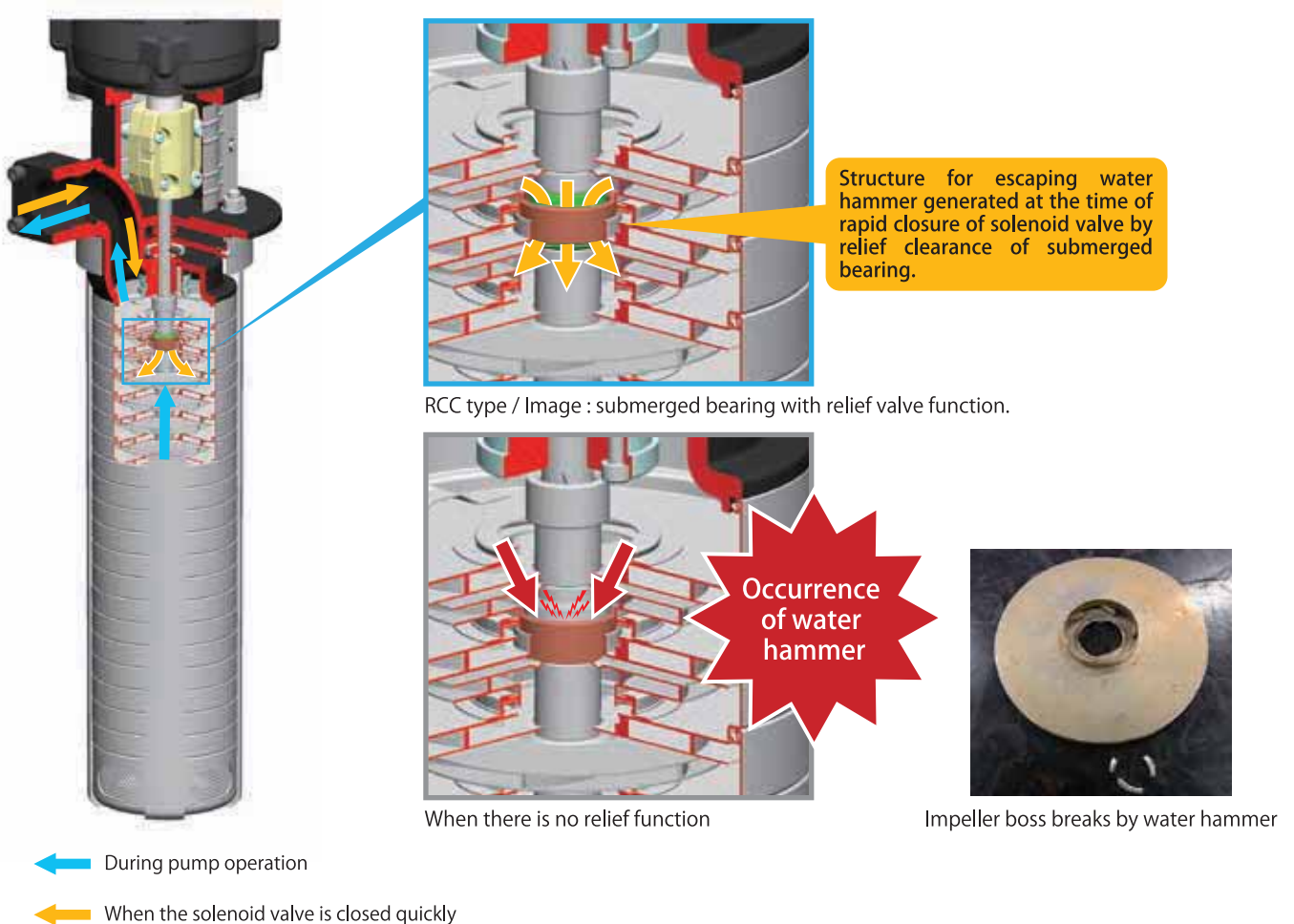
※What is water hammer ?

Phenomenon in which impact/high water pressure occurs in the pipe due to the inertia of the water flow when the water flow in the hydraulic pipe is rapidly closed.

Without the relief function •••

The impeller boss breakage occurs about four million (4,000,000) times (According to our research)

■ Pressure situation in the pump during operation and solenoid valve rapid closure.



■ Special specifications

- Many Standards motors are available. GB3, UL & NEMA Premium & KS-C (except 5.5kW)
- Adjustable terminal box position (90°, 180°, 270°)

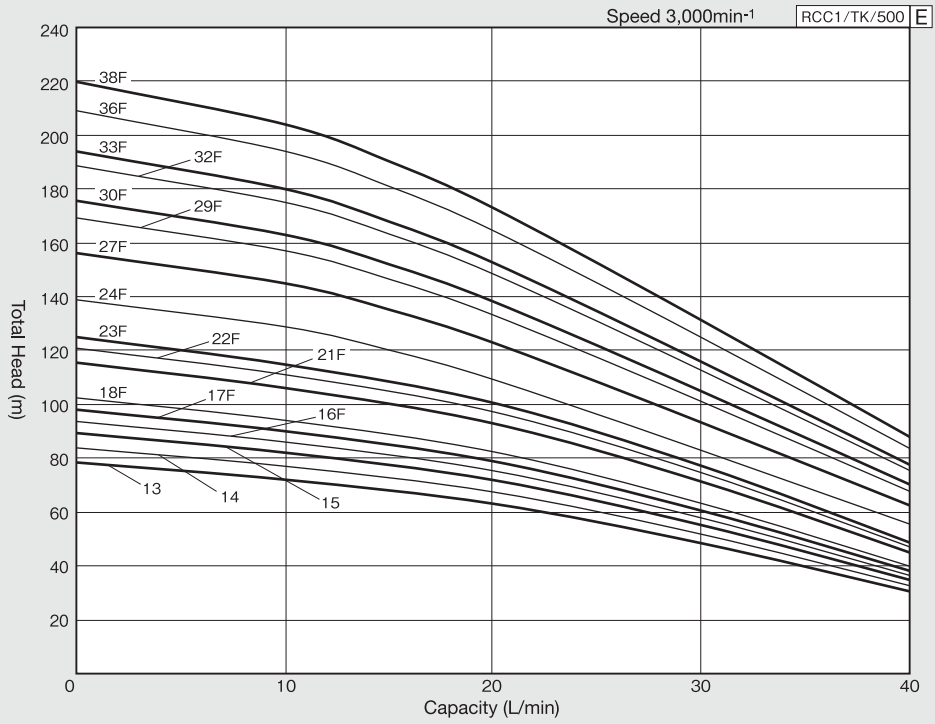
■ Model Explanation

RCC 3 - 23 / 23 F
 ① ② ③ ④ ⑤

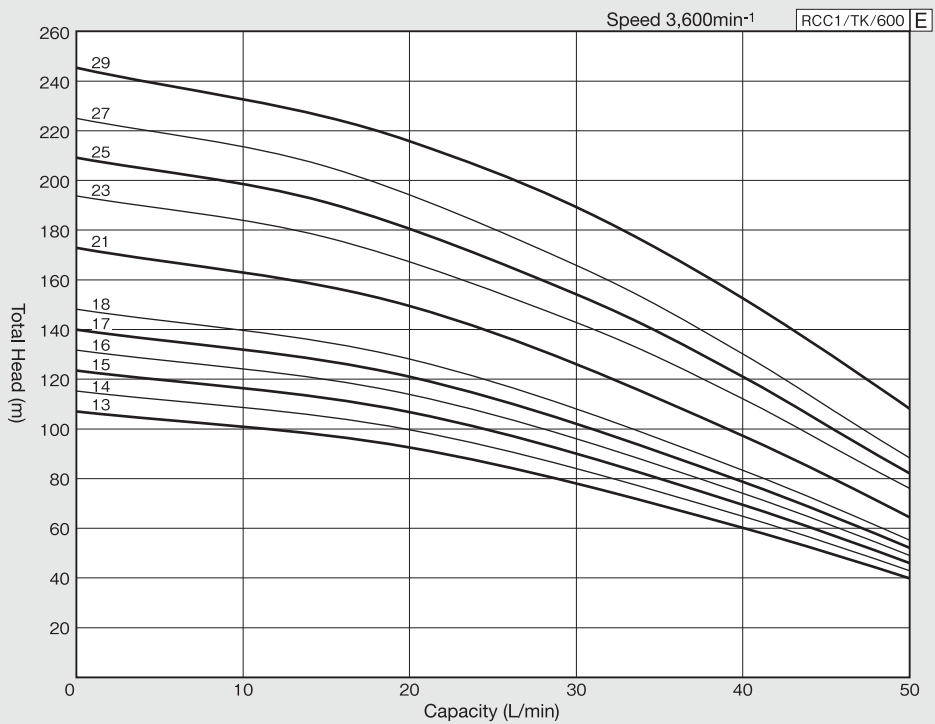
- ① Model code
- ② Nominal flow rate (m³/hr)
- ③ Number of casing stage number
- ④ Number of impeller stage number
- ⑤ F :for 50Hz only
 none :for 50/60Hz

Selection chart

■ RCC1 [50Hz]



■ RCC1 [60Hz]



※The above characteristic performance curve is obtained when the number of casing stage and the number of impeller stages are the same.
For the products with more casing stages than the impeller stage number, the characteristics may be degraded due to the pressure loss of the added adjustment casing.

Specification table

● Specifications and figures are subject to change without prior notice.

■ RCC1 [50Hz, 200V]

| RCC1/HSI/501 E | | | | | | | | | | | | | | | |
|----------------|-------------|-------------------|-----------------|------------------|-------------------------------|-------------------|--------------------|-------|-------------|-------------------|-----------------|------------------|-------------------------------|-------------------|--------------------|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m |
| | | | | | | | | | | | | | | | |
| RCC1-15/13 | 25 | RCC1-25/22F | 25 | | | | | | | | | | | | |
| RCC1-17/13 | 17 | RCC1-30/22F | 30 | | | | | | | | | | | | |
| RCC1-21/13 | 21 | RCC1-33/22F | 33 | | | | | | | | | | | | |
| RCC1-25/13 | 25 | RCC1-23/23F | 23 | | | | | | | | | | | | |
| RCC1-14/14 | 14 | 14 | 3.2 | 77 | RCC1-25/23F | 25 | 4.6 | 114 | | | | | | | |
| RCC1-15/14 | | 15 | | | RCC1-30/23F | 30 | | | | | | | | | |
| RCC1-17/14 | | 17 | | | RCC1-33/23F | 33 | | | | | | | | | |
| RCC1-21/14 | | 21 | | | RCC1-36/23F | 36 | | | | | | | | | |
| RCC1-25/14 | | 25 | | | RCC1-24/24F | 24 | | | | | | | | | |
| RCC1-15/15 | 15 | 15 | 3.4 | 82 | RCC1-25/24F | 25 | 6.1 | 127 | | | | | | | |
| RCC1-17/15 | | 17 | | | RCC1-30/24F | 30 | | | | | | | | | |
| RCC1-21/15 | | 21 | | | RCC1-33/24F | 33 | | | | | | | | | |
| RCC1-25/15 | | 25 | | | RCC1-36/24F | 36 | | | | | | | | | |
| RCC1-16/16F | | 16 | | | 16 | 3.5 | | | 86 | RCC1-27/27F | 27 | 6.5 | 145 | | |
| RCC1-17/16F | 17 | | RCC1-33/27F | 33 | | | | | | | | | | | |
| RCC1-21/16F | 21 | | RCC1-36/27F | 36 | | | | | | | | | | | |
| RCC1-25/16F | 25 | | RCC1-29/29F | 29 | | | | | | | | | | | |
| RCC1-17/17F | 17 | | RCC1-33/29F | 33 | | | | | | | | | | | |
| RCC1-21/17F | 17 | 21 | 3.7 | 90 | RCC1-36/29F | 36 | 6.8 | 157 | | | | | | | |
| RCC1-25/17F | | 25 | | | RCC1-30/30F | 30 | | | | | | | | | |
| RCC1-30/17F | | 30 | | | RCC1-33/30F | 33 | | | | | | | | | |
| RCC1-18/18F | 18 | 18 | 3.8 | 94 | RCC1-36/30F | 36 | 6.9 | 163 | | | | | | | |
| RCC1-21/18F | | 21 | | | RCC1-32/32F | 32 | | | | | | | | | |
| RCC1-25/18F | | 25 | | | RCC1-33/32F | 33 | | | | | | | | | |
| RCC1-30/18F | | 30 | | | RCC1-36/32F | 36 | | | | | | | | | |
| RCC1-21/21F | | 21 | | | 21 | 4.3 | | | 106 | RCC1-33/33F | 33 | 7.2 | 175 | | |
| RCC1-25/21F | 25 | | RCC1-36/33F | 36 | | | | | | | | | | | |
| RCC1-30/21F | 30 | | RCC1-33/33F | 33 | | | | | | | | | | | |
| RCC1-33/21F | 33 | | RCC1-36/36F | 36 | | | | | | | | | | | |
| | | | | | | | RCC1-38/38F | 38 | | 7.4 | 180 | | | | |
| | | | | | | | 8.4 | 194 | | | | | | | |
| | | | | | | | 8.7 | 204 | | | | | | | |

■ RCC1 [50/60Hz, 200V]

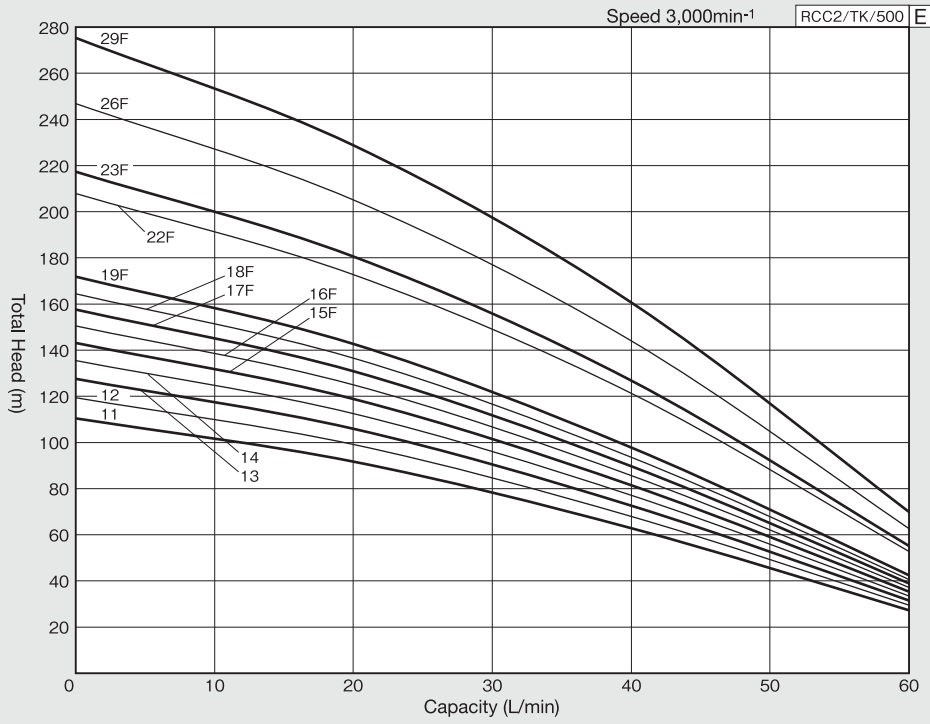
| RCC1/HSI/001 E | | | | | | | | | | | | | | | | | |
|----------------|-------------|-------------------|-----------------|------------------|-------------------------------|-------------------|--------------------|--------------|-------------|-------------------|-----------------|------------------|-------------------------------|-------------------|--------------------|------------|------|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | | |
| | | | | | | | | | | | | | | | | RCC1-13/13 | 0.75 |
| RCC1-15/13 | 25 | RCC1-25/21 | 25 | | | | | | | | | | | | | | |
| RCC1-17/13 | 17 | RCC1-30/21 | 30 | | | | | | | | | | | | | | |
| RCC1-21/13 | 21 | RCC1-33/21 | 33 | | | | | | | | | | | | | | |
| RCC1-25/13 | 25 | RCC1-36/21 | 36 | | | | | | | | | | | | | | |
| RCC1-14/14 | 14 | 14 | 4.8 (4.5) | 104 (77) | RCC1-23/23 | 23 | 8.3 (7.9) | 177 (127) | | | | | | | | | |
| RCC1-15/14 | | 15 | | | RCC1-27/23 | 27 | | | | | | | | | | | |
| RCC1-17/14 | | 17 | | | RCC1-30/23 | 30 | | | | | | | | | | | |
| RCC1-21/14 | | 21 | | | RCC1-33/23 | 33 | | | | | | | | | | | |
| RCC1-25/14 | | 25 | | | RCC1-36/23 | 36 | | | | | | | | | | | |
| RCC1-15/15 | 15 | 15 | 5.1 (4.7) | 111 (82) | RCC1-25/25 | 25 | 8.9 (8.5) | 191 (137) | | | | | | | | | |
| RCC1-17/15 | | 17 | | | RCC1-27/25 | 27 | | | | | | | | | | | |
| RCC1-21/15 | | 21 | | | RCC1-30/25 | 30 | | | | | | | | | | | |
| RCC1-25/15 | | 25 | | | RCC1-33/25 | 33 | | | | | | | | | | | |
| RCC1-30/15 | | 30 | | | RCC1-36/25 | 36 | | | | | | | | | | | |
| RCC1-16/16 | 16 | 16 | 5.9 (5.7) | 120 (88) | RCC1-27/27 | 27 | 9.6 (9) | 205 (147) | | | | | | | | | |
| RCC1-17/16 | | 17 | | | RCC1-30/27 | 30 | | | | | | | | | | | |
| RCC1-21/16 | | 21 | | | RCC1-33/27 | 33 | | | | | | | | | | | |
| RCC1-25/16 | | 25 | | | RCC1-36/27 | 36 | | | | | | | | | | | |
| RCC1-30/16 | | 30 | | | RCC1-29/29 | 29 | | | | | | | | | | | |
| RCC1-17/17 | 1.5 | 17 | 17 | 6.2 (5.9) | 9.3 (9.3) | 127 (93) | RCC1-33/29 | 33 | 3.7 | 29 | 10.8 (10.6) | 18.5 (18) | 224 (160) | | | | |
| RCC1-21/17 | | | 21 | | | | RCC1-36/29 | 36 | | | | | | | | | |
| RCC1-25/17 | | | 25 | | | | | | | | | | | | | | |
| RCC1-30/17 | | | 30 | | | | | | | | | | | | | | |
| RCC1-33/17 | | | 33 | | | | | | | | | | | | | | |
| RCC1-18/18 | 18 | 18 | 6.4 (6.2) | 134 (98) | RCC1-33/18 | 33 | 10.7 (9.9) | | | | | | | | | | |
| RCC1-21/18 | | 21 | | | | | | | | | | | | | | | |
| RCC1-25/18 | | 25 | | | | | | | | | | | | | | | |
| RCC1-30/18 | | 30 | | | | | | | | | | | | | | | |
| RCC1-33/18 | | 33 | | | | | | | | | | | | | | | |

※ Inside of () is 220V, [] is 230V,
 < > is 200V, when operating at 50 Hz

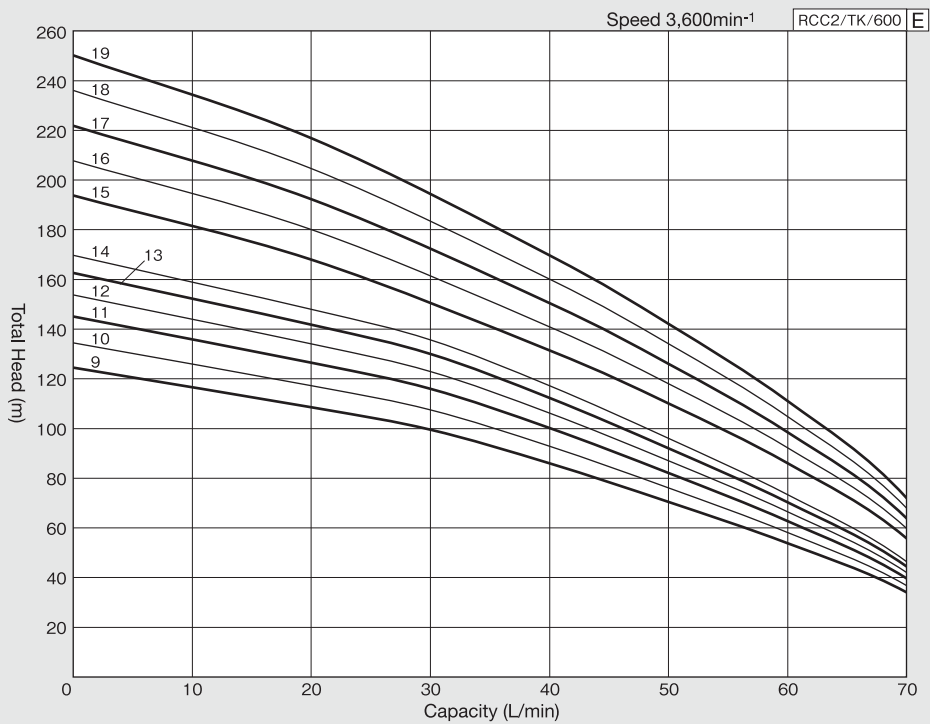
RCC

Selection chart

■ RCC2 [50Hz]



■ RCC2 [60Hz]



※The above characteristic performance curve is obtained when the number of casing stage and the number of impeller stages are the same.
For the products with more casing stages than the impeller stage number, the characteristics may be degraded due to the pressure loss of the added adjustment casing.

Specification table

●Specifications and figures are subject to change without prior notice.

■RCC2 [50Hz, 200V]

| | | | | | | | | RCC2/HSI/500 E | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------------|-----------------|-------------|--------------------------|-------------------|--------------------|----------------|-------------|-------------------|-----------------|-------------|--------------------------|-------------------|--------------------|-------------|-----|----|-------------|-----|------|-----|------|------|-----|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP | MAX. allowable AMP | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP | MAX. allowable AMP | Capacity L/min | Total Head m | | | | | | | | | | |
| | | | | A | A | | | | | | | A | A | | | | | | | | | | | | |
| RCC2-11/11 | 1.5 | 11 | 11 | 5.8 | 9.3 | 45 | 56 | RCC2-16/16F | 1.5 | 16 | 16 | 7.2 | 9.3 | 45 | 75 | | | | | | | | | | |
| RCC2-13/11 | | | 18 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-15/11 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-18/11 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-22/11 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-26/11 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-12/12 | | 12 | 12 | 6.1 | 9.3 | 45 | 60 | RCC2-17/17F | 1.5 | 17 | 17 | 7.5 | 9.3 | 45 | 78 | | | | | | | | | | |
| RCC2-13/12 | | | 18 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-15/12 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-18/12 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-22/12 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-26/12 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-13/13 | | 13 | 13 | 6.4 | 9.3 | 45 | 64 | RCC2-18/18F | 1.5 | 18 | 18 | 7.8 | 9.3 | 45 | 81 | | | | | | | | | | |
| RCC2-15/13 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-18/13 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-22/13 | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-26/13 | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-14/14 | | | 14 | | | | | 14 | | | 6.6 | | | | | 9.3 | 45 | 68 | RCC2-19/19F | 2.2 | 19 | 19 | 8.1 | 12.4 | 45 |
| RCC2-15/14 | | 22 | | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-18/14 | | 26 | | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-22/14 | | 22 | | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-26/14 | | 26 | | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-15/15F | | 15 | | 15 | 6.9 | 9.3 | 45 | 71 | RCC2-22/19F | 2.2 | | 22 | 22 | 9.7 | 12.4 | | | | 45 | | | 105 | | | |
| RCC2-18/15F | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-22/15F | | | 22 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-26/15F | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-23/23F | 23 | | 23 | 10.1 | | | | | 12.4 | | 45 | | 110 | | | RCC2-26/23F | 2.2 | 26 | | 26 | 11.1 | | 12.4 | 45 | 125 |
| RCC2-26/26F | | | 26 | | | | | | | | | | | | | | | | | | | | | | |
| RCC2-29/29F | | 29 | | | | | | | | | | | | | | | | | | | | | | | |

■RCC2 [50/60Hz, 200V]

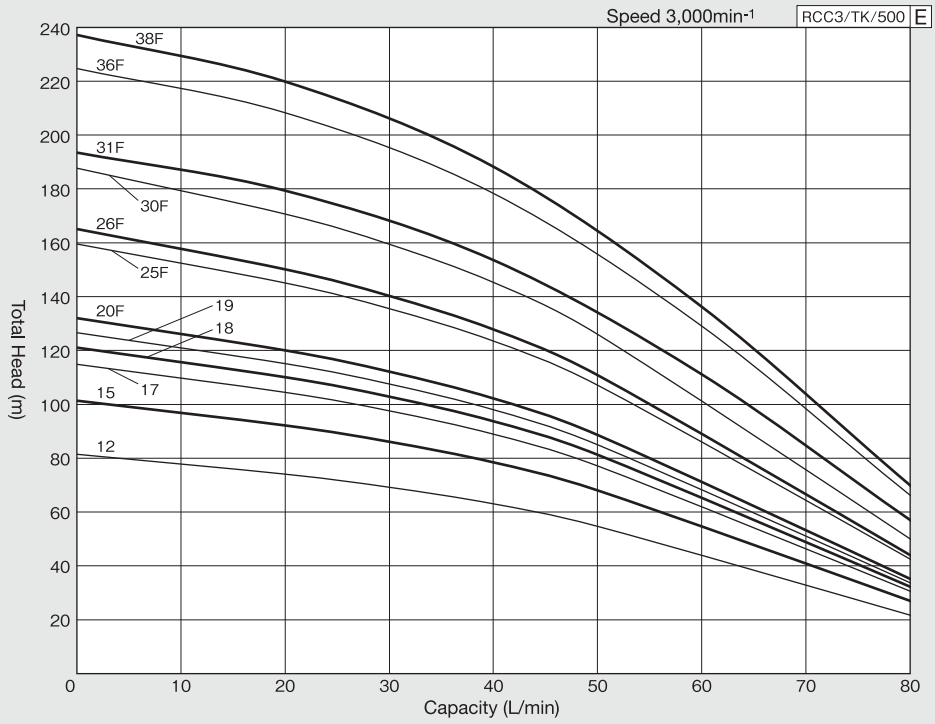
| | | | | | | | | RCC2/HSI/000 E | | | | | | | |
|------------|-------------|-------------------|-----------------|--------------------------------|--------------------------|-------------------|--------------------|----------------|-------------|-------------------|---------------------------------|-----------------------------------|--------------------------|-------------------|--------------------|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP | MAX. allowable AMP | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP | MAX. allowable AMP | Capacity L/min | Total Head m |
| | | | | A | A | | | | | | | A | A | | |
| RCC2-9/9 | 1.5 | 9 | 9 | 6.5 (6.3) [6.2] (5.3) | 9.3 (9.3) | 50 (45) | 70 (46) | RCC2-14/14 | 1.5 | 14 | 14 | 9.3 (8.8) [8.6] (6.6) | 9.3 (9.3) | 50 (45) | 96 (68) |
| RCC2-11/9 | | | 15 | | | | | | | | | | | | |
| RCC2-13/9 | | | 18 | | | | | | | | | | | | |
| RCC2-15/9 | | | 22 | | | | | | | | | | | | |
| RCC2-18/9 | | | 26 | | | | | | | | | | | | |
| RCC2-22/9 | | | 26 | | | | | | | | | | | | |
| RCC2-10/10 | | 10 | 10 | 7.1 (6.8) [6.7] (5.5) | 9.3 (9.3) | 50 (45) | 76 (51) | RCC2-15/15 | 2.2 | 15 | 15 | 10.7 (10) [9.8] (7.4) | 12.3 (12.4) | 50 (45) | 110 (72) |
| RCC2-13/10 | | | 18 | | | | | | | | | | | | |
| RCC2-15/10 | | | 22 | | | | | | | | | | | | |
| RCC2-18/10 | | | 26 | | | | | | | | | | | | |
| RCC2-22/10 | | | 26 | | | | | | | | | | | | |
| RCC2-26/10 | | | 26 | | | | | | | | | | | | |
| RCC2-11/11 | | 11 | 11 | 7.7 (7.3) [7.2] (5.8) | 9.3 (9.3) | 50 (45) | 82 (56) | RCC2-16/16 | 2.2 | 16 | 16 | 11.4 (10.6) [10.3] (7.7) | 12.3 (12.4) | 50 (45) | 118 (77) |
| RCC2-13/11 | | | 18 | | | | | | | | | | | | |
| RCC2-15/11 | | | 22 | | | | | | | | | | | | |
| RCC2-18/11 | | | 26 | | | | | | | | | | | | |
| RCC2-22/11 | | | 26 | | | | | | | | | | | | |
| RCC2-26/11 | | | 26 | | | | | | | | | | | | |
| RCC2-12/12 | | 12 | 12 | 8.2 (7.8) [7.6] (6.1) | 9.3 (9.3) | 50 (45) | 87 (60) | RCC2-17/17 | 2.2 | 17 | 17 | 12 (11.2) [10.9] (8.1) | 12.3 (12.4) | 50 (45) | 126 (82) |
| RCC2-13/12 | | | 18 | | | | | | | | | | | | |
| RCC2-15/12 | | | 22 | | | | | | | | | | | | |
| RCC2-18/12 | | | 26 | | | | | | | | | | | | |
| RCC2-22/12 | | | 26 | | | | | | | | | | | | |
| RCC2-26/12 | | | 26 | | | | | | | | | | | | |
| RCC2-13/13 | | 13 | 13 | 8.8 (8.3) [8.1] (6.4) | 9.3 (9.3) | 50 (45) | 92 (64) | RCC2-18/18 | 2.2 | 18 | 18 | 12.2 (11.7) [11.4] (8.4) | 12.3 (12.4) | 50 (45) | 134 (87) |
| RCC2-15/13 | | | 22 | | | | | | | | | | | | |
| RCC2-18/13 | | | 26 | | | | | | | | | | | | |
| RCC2-22/13 | | | 26 | | | | | | | | | | | | |
| RCC2-26/13 | | | 26 | | | | | | | | | | | | |
| RCC2-26/19 | | | 19 | | | | | 19 | | | 12.3 (12.2) [12] (8.7) | | | | |
| RCC2-26/19 | | 26 | | | | | | | | | | | | | |

※Inside of () is 220V, [] is 230V,
 < > is 200V, when operating at 50 Hz

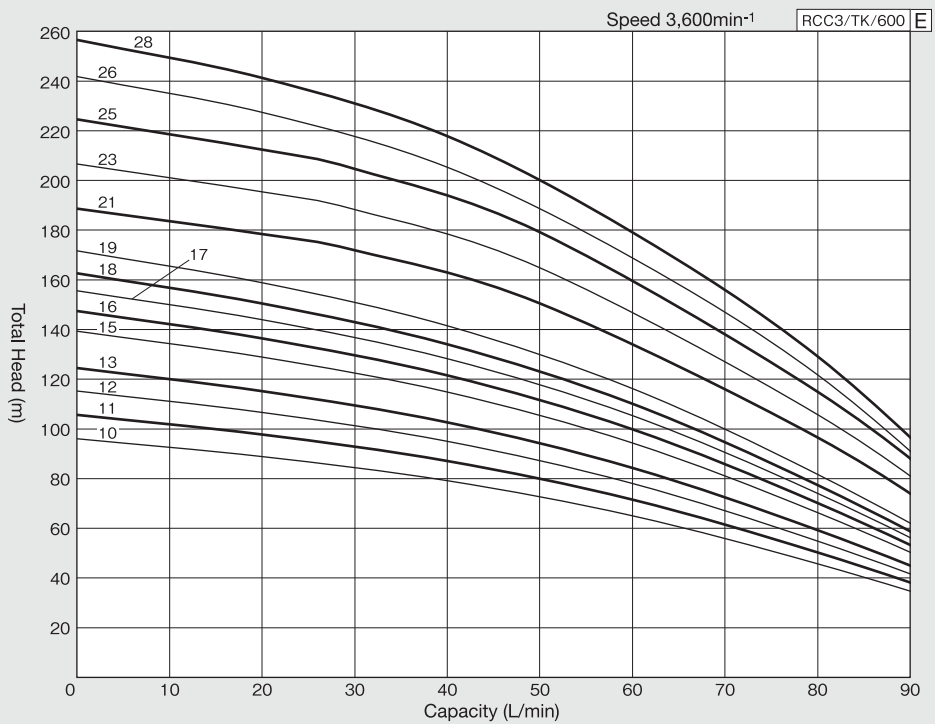
RCC

Selection chart

■ RCC3 [50Hz]



■ RCC3 [60Hz]



※The above characteristic performance curve is obtained when the number of casing stage and the number of impeller stages are the same.
For the products with more casing stages than the impeller stage number, the characteristics may be degraded due to the pressure loss of the added adjustment casing.

Specification table

●Specifications and figures are subject to change without prior notice.

■RCC3 [50Hz, 200V]

| | | | | | | | | RCC3/HSI/500 E | | | | | | | | | |
|------------|-------|----------|--------|----------|--------------------|----------|------------|----------------|-------|----------|--------|----------|--------------------|-------------|------------|------|-----|
| Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | | |
| | kW | stage | stage | A | A | L/min | m | | kW | stage | stage | A | A | L/min | m | | |
| RCC3-12/12 | 1.5 | 12 | 12 | 5.3 | 9.3 | 20 | 74 | RCC3-20/20F | 1.5 | 20 | 20 | 7 | 9.3 | 20 | 120 | | |
| RCC3-15/12 | | | 23 | | | | | | | | | | | | | | |
| RCC3-19/12 | | | 26 | | | | | | | | | | | | | | |
| RCC3-23/12 | | | 30 | | | | | | | | | | | | | | |
| RCC3-15/15 | | 15 | 15 | 5.9 | | | 92 | RCC3-25/25F | 25 | 25 | 8.2 | 20 | | RCC3-30/20F | 30 | 8.4 | 145 |
| RCC3-19/15 | | | 19 | | | | | | | | | | | | | | |
| RCC3-23/15 | | | 23 | | | | | | | | | | | | | | |
| RCC3-17/17 | | 17 | 17 | 6.3 | | | 104 | RCC3-26/26F | 26 | 26 | 9.3 | 150 | | RCC3-30/26F | 30 | 10.3 | 170 |
| RCC3-23/17 | | | 23 | | | | | | | | | | | | | | |
| RCC3-26/17 | | | 26 | | | | | | | | | | | | | | |
| RCC3-18/18 | | | 18 | | | | | | | | | | | | | | |
| RCC3-23/18 | | 18 | 23 | 6.5 | | | 110 | RCC3-30/30F | 30 | 30 | 12.4 | 179 | | RCC3-36/30F | 36 | 11.6 | 207 |
| RCC3-26/18 | | | 26 | | | | | | | | | | | | | | |
| RCC3-19/19 | | 19 | 19 | 6.8 | | | 115 | RCC3-31/31F | 2.2 | 31 | 12.1 | 218 | | RCC3-36/31F | 36 | 12.1 | 218 |
| RCC3-23/19 | | | 23 | | | | | | | | | | | | | | |
| RCC3-26/19 | | | 26 | | | | | | | | | | | | | | |
| RCC3-30/19 | | | 30 | | | | | | | | | | | | | | |

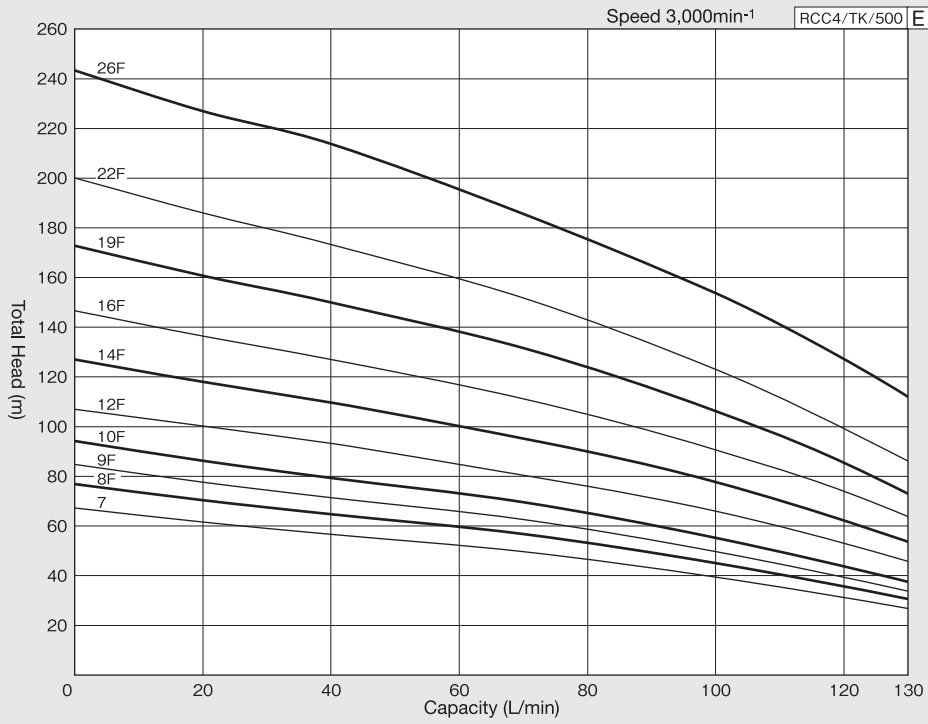
■RCC3 [50/60Hz, 200V]

| | | | | | | | | RCC3/HSI/001 E | | | | | | | |
|------------|-------|----------|--------|----------|--------------------|----------|------------|----------------|-------|----------|------------|----------|--------------------|----------|------------|
| Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head |
| | kW | stage | stage | A | A | L/min | m | | kW | stage | stage | A | A | L/min | m |
| RCC3-10/10 | 1.5 | 10 | 10 | 5.7 | 9.3 | 25 | 88 | RCC3-18/18 | 1.5 | 18 | 18 | 9.1 | 9.3 | 25 | 147 |
| RCC3-12/10 | | | 12 | (5.6) | | | | 23 | | | (8.6) | 110 | | | |
| RCC3-15/10 | | | 15 | [5.6] | | | | 26 | | | [8.4] | | | | |
| RCC3-19/10 | | | 19 | <4.9> | | | | 30 | | | <6.5> | | | | |
| RCC3-23/10 | | | 23 | | | | | 36 | | | | | | | |
| RCC3-11/11 | | 11 | 11 | 6.2 | | | 96 | RCC3-19/19 | 19 | 19 | 9.3 | | 115 | | |
| RCC3-15/11 | | | 15 | (6) | | | | 23 | | (9) | | | | | |
| RCC3-19/11 | | | 19 | [5.9] | | | | 26 | | [8.8] | | | | | |
| RCC3-23/11 | | | 23 | <5.1> | | | | 30 | | <6.8> | | | | | |
| RCC3-12/12 | | 12 | 12 | 6.6 | | | 104 | RCC3-21/21 | 21 | 21 | 11.3 | 125 | | | |
| RCC3-15/12 | | | 15 | (6.3) | | | | 23 | | (10.5) | | | | | |
| RCC3-19/12 | | | 19 | [6.3] | | | | 26 | | [10.3] | | | | | |
| RCC3-23/12 | | | 23 | <5.3> | | | | 30 | | <7.7> | | | | | |
| RCC3-13/13 | | | 13 | 13 | | | | 7 | | 112 | RCC3-26/21 | | 26 | 26 | 12.3 |
| RCC3-15/13 | | 15 | | (6.7) | | | 36 | (12.4) | | | | | | | |
| RCC3-19/13 | | 19 | | [6.6] | | | 23 | [11.1] | | | | | | | |
| RCC3-23/13 | | 23 | | <5.5> | | | 30 | <8.2> | | | | | | | |
| RCC3-15/15 | | 15 | 15 | 7.9 | | | 126 | RCC3-36/23 | 36 | 36 | 12.3 | 145 | | | |
| RCC3-19/15 | | | 19 | (7.5) | | | | 25 | | (12.2) | | | | | |
| RCC3-23/15 | | | 23 | [7.3] | | | | 30 | | [11.9] | | | | | |
| RCC3-26/15 | | | 26 | <5.9> | | | | 36 | | <8.7> | | | | | |
| RCC3-16/16 | | 16 | 16 | 8.3 | | | 133 | RCC3-26/26 | 26 | 26 | 14.1 | 157 | | | |
| RCC3-19/16 | | | 19 | (7.8) | | | | 30 | | (13.4) | | | | | |
| RCC3-23/16 | | | 23 | [7.7] | | | | 36 | | [13.3] | | | | | |
| RCC3-26/16 | | | 26 | <6.1> | | | | 36 | | <10.7> | | | | | |
| RCC3-17/17 | | 17 | 17 | 8.7 | | | 140 | RCC3-36/26 | 36 | 36 | 15 | 168 | | | |
| RCC3-23/17 | | | 23 | (8.2) | | | | 28 | | (14.2) | | | | | |
| RCC3-26/17 | | | 26 | [8.1] | | | | 30 | | [14.1] | | | | | |
| RCC3-30/17 | | | 30 | <6.3> | | | | 36 | | <11> | | | | | |

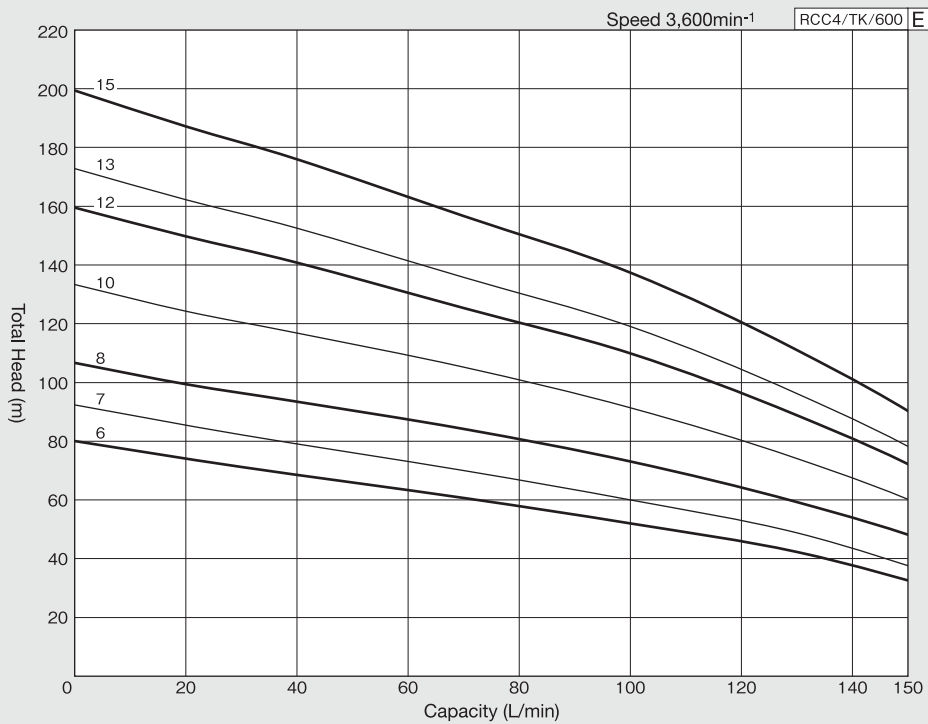
※Inside of () is 220V, [] is 230V, < > is 200V, when operating at 50 Hz

Selection chart

■ RCC4 [50Hz]



■ RCC4 [60Hz]



※The above characteristic performance curve is obtained when the number of casing stage and the number of impeller stages are the same.
For the products with more casing stages than the impeller stage number, the characteristics may be degraded due to the pressure loss of the added adjustment casing.

Specification table

● Specifications and figures are subject to change without prior notice.

■ RCC4 [50Hz, 200V]

| RCC4/HSI/500 E | | | | | | | | | | | | | | | | | |
|----------------|-------|----------|--------|----------|--------------------|----------|-------------|-------------|-------|----------|--------|----------|--------------------|----------|------------|------|-----|
| Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | | |
| | kW | stage | stage | A | A | L/min | m | | kW | stage | stage | A | A | L/min | m | | |
| RCC4-7/7 | 1.5 | 7 | 7 | 6.4 | 9.3 | 80 | 47 | RCC4-10/10F | 1.5 | 10 | 10 | 8.1 | 9.3 | 80 | 64 | | |
| RCC4-8/7 | | | 12 | | | | | | | | | | | | | | |
| RCC4-10/7 | | | 10 | | | | | | | | | | | | | | |
| RCC4-12/7 | | | 12 | | | | | | | | | | | | | | |
| RCC4-14/7 | | | 14 | | | | | | | | | | | | | | |
| RCC4-16/7 | | | 16 | | | | | | | | | | | | | | |
| RCC4-19/7 | | | 19 | | | | | | | | | | | | | | |
| RCC4-22/7 | | 22 | | | | | | | | | | | | | | | |
| RCC4-8/8F | | 8 | 8 | 7 | 9.3 | 80 | 52 | RCC4-12/12F | 2.2 | 12 | 12 | 9.9 | 12.4 | 80 | 76 | | |
| RCC4-10/8F | | | 10 | | | | | | | | | | | | | | |
| RCC4-12/8F | | | 12 | | | | | | | | | | | | | | |
| RCC4-14/8F | | | 14 | | | | | | | | | | | | | | |
| RCC4-16/8F | | | 16 | | | | | | | | | | | | | | |
| RCC4-19/8F | | | 19 | | | | | | | | | | | | | | |
| RCC4-22/8F | | | 22 | | | | | | | | | | | | | | |
| RCC4-9/9F | | 9 | 9 | 7.5 | 9.3 | 80 | 58 | RCC4-14/14F | 3.7 | 14 | 14 | 11.2 | 12.4 | 80 | 90 | | |
| RCC4-10/9F | | | 10 | | | | | | | | | | | | | | |
| RCC4-12/9F | | | 12 | | | | | | | | | | | | | | |
| RCC4-14/9F | | | 14 | | | | | | | | | | | | | | |
| RCC4-16/9F | | | 16 | | | | | | | | | | | | | | |
| RCC4-19/9F | | | 19 | | | | | | | | | | | | | | |
| RCC4-22/9F | | | 22 | | | | | | | | | | | | | | |
| RCC4-16/16F | 16 | 16 | 7.5 | 9.3 | 80 | 58 | RCC4-19/16F | 3.7 | 19 | 16 | 13.7 | 18 | 105 | | | | |
| RCC4-19/16F | | 19 | | | | | | | | | | | | | | | |
| RCC4-22/16F | | 22 | | | | | | | | | | | | | | | |
| RCC4-19/19F | | 19 | | | | | 19 | | | 15.5 | | | | 18 | 105 | | |
| RCC4-22/19F | | 22 | | | | | 22 | | | | | | | | | | |
| RCC4-22/22F | | 22 | | | | | 22 | | | | | | | | | 17.5 | 143 |
| RCC4-26/26F | | 5.5 | | | | | 26 | | | | | | | | | 26 | |

■ RCC4 [50/60Hz, 200V]

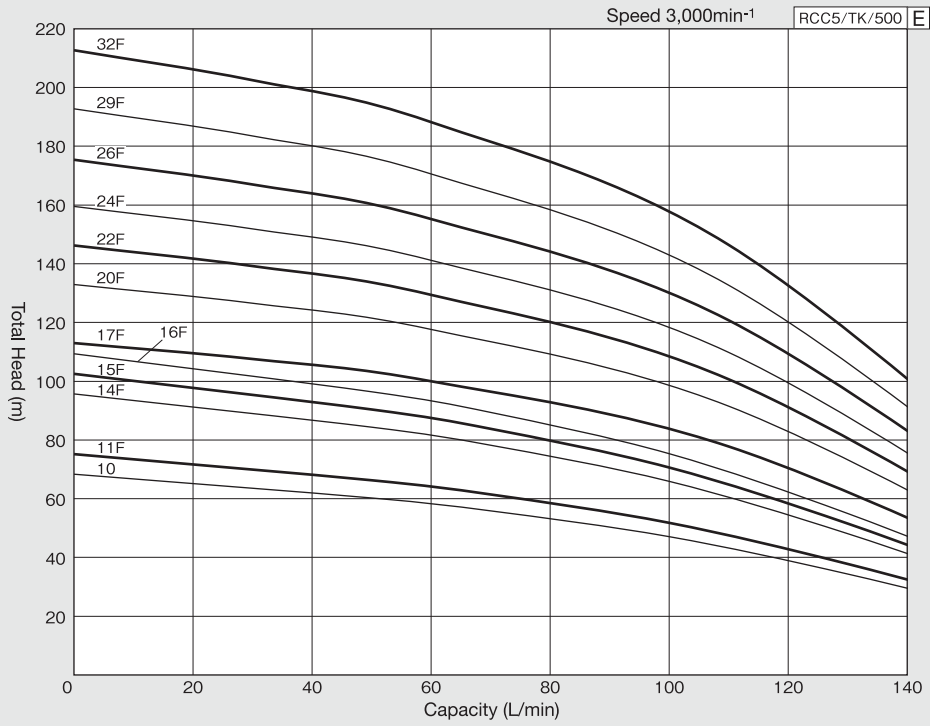
| RCC4/HSI/001 E | | | | | | | | | | | | | | | |
|----------------|-------|----------|--------------|----------------|--------------------|-------------|------------|------------|-------|----------|----------------|----------------|--------------------|--------------|-------------|
| Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head | Model | Motor | Impeller | Casing | MAX. AMP | MAX. allowable AMP | Capacity | Total Head |
| | kW | stage | stage | A | A | L/min | m | | kW | stage | stage | A | A | L/min | m |
| RCC4-6/6 | 1.5 | 6 | 6 | 7.8 (7.4) | 9.3 (9.3) | 100 (80) | 52 (40) | RCC4-10/10 | 2.2 | 10 | 10 | 12.3 (12.2) | 12.3 (12.4) | 100 (80) | 91 (66) |
| RCC4-7/6 | | | 12 | | | | | | | | | | | | |
| RCC4-8/6 | | | 8 | | | | | | | | | | | | |
| RCC4-10/6 | | | 10 | | | | | | | | | | | | |
| RCC4-12/6 | | | 12 | | | | | | | | | | | | |
| RCC4-14/6 | | | 14 | | | | | | | | | | | | |
| RCC4-16/6 | | 16 | | | | | | | | | | | | | |
| RCC4-19/6 | | 19 | 7 | 8.9 (8.4) | 9.3 (9.3) | 100 (80) | 60 (47) | RCC4-12/12 | 3.7 | 12 | 12 | 15.9 (15) | 18.5 (18) | 100 (80) | 110 (84) |
| RCC4-22/6 | | 22 | | | | | | | | | | | | | |
| RCC4-7/7 | | 7 | | | | | | | | | | | | | |
| RCC4-8/7 | | 8 | | | | | | | | | | | | | |
| RCC4-10/7 | | 10 | | | | | | | | | | | | | |
| RCC4-12/7 | | 12 | | | | | | | | | | | | | |
| RCC4-14/7 | | 14 | | | | | | | | | | | | | |
| RCC4-16/7 | | 16 | | | | | | | | | | | | | |
| RCC4-19/7 | | 19 | 8 | 10.8 (10) | 12.3 (12.4) | 100 (80) | 73 (54) | RCC4-13/13 | 3.7 | 13 | 13 | 17.1 (16) | 18.5 (18) | 100 (80) | 119 (90) |
| RCC4-22/7 | | 22 | | | | | | | | | | | | | |
| RCC4-8/8 | | 8 | | | | | | | | | | | | | |
| RCC4-10/8 | | 10 | | | | | | | | | | | | | |
| RCC4-12/8 | | 12 | | | | | | | | | | | | | |
| RCC4-14/8 | | 14 | | | | | | | | | | | | | |
| RCC4-16/8 | | 16 | | | | | | | | | | | | | |
| RCC4-19/8 | 19 | 15 | 10.8 (10) | 12.3 (12.4) | 100 (80) | 73 (54) | RCC4-15/15 | 3.7 | 15 | 15 | 18.5 (18.1) | 18.5 (18) | 100 (80) | 137 (102) | |
| RCC4-22/8 | 22 | | | | | | | | | | | | | | |
| RCC4-14/8 | 14 | | | | | | | | | | | | | | |
| RCC4-16/8 | 16 | | | | | | | | | | | | | | |
| RCC4-19/8 | 19 | | | | | | | | | | | | | | |
| RCC4-22/8 | 22 | | | | | | | | | | | | | | |

※ Inside of () is 220V, [] is 230V,
 ※ < > is 200V, when operating at 50 Hz

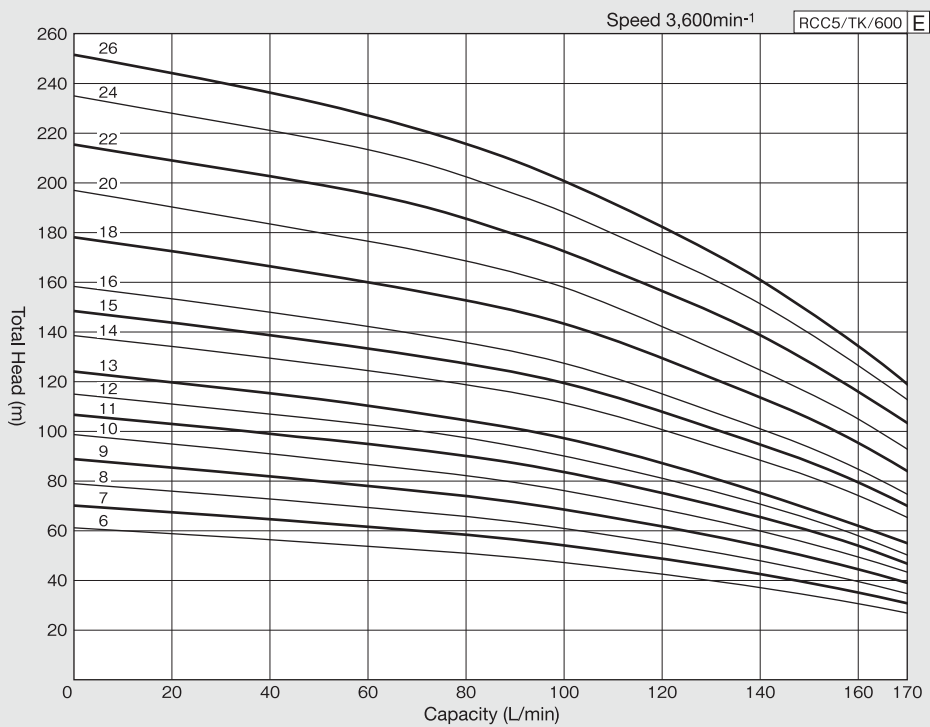
RCC

Selection chart

■ RCC5 [50Hz]



■ RCC5 [60Hz]



※The above characteristic performance curve is obtained when the number of casing stage and the number of impeller stages are the same.
For the products with more casing stages than the impeller stage number, the characteristics may be degraded due to the pressure loss of the added adjustment casing.

Specification table

●Specifications and figures are subject to change without prior notice.

■RCC5 [50Hz, 200V]

| RCC5/HSI/500 E | | | | | | | | | | | | | | | | | | | |
|----------------|----------|----------------|--------------|-------------|----------------------|----------------|--------------|-------------|-------------|----------------|--------------|------------|----------------------|----------------|--------------|------------|-----|----|----|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | | | | |
| | | | | | | | | | | | | | | | | RCC5-10/10 | 1.5 | 10 | 10 |
| RCC5-14/10 | 14 | 24 | | | | | | | | | | | | | | | | | |
| RCC5-16/10 | 16 | 29 | | | | | | | | | | | | | | | | | |
| RCC5-20/10 | 20 | 32 | | | | | | | | | | | | | | | | | |
| RCC5-11/11F | 11 | 11 | 6.9 | RCC5-22/22F | 22 | 22 | 12.4 | | | | | | | | | | | | |
| RCC5-14/11F | | 14 | | RCC5-24/22F | | 24 | | | | | | | | | | | | | |
| RCC5-16/11F | | 16 | | RCC5-29/22F | | 29 | | | | | | | | | | | | | |
| RCC5-20/11F | 14 | 14 | 8.2 | RCC5-32/22F | 24 | 32 | 14.6 | | | | | | | | | | | | |
| RCC5-14/14F | | | | 15 | | 14 | | RCC5-24/24F | 24 | 24 | | | | | | | | | |
| RCC5-16/14F | | | | | | 16 | | RCC5-29/24F | | 29 | | | | | | | | | |
| RCC5-20/14F | | | | | | 20 | | RCC5-32/24F | | 32 | | | | | | | | | |
| RCC5-24/14F | | | | 16 | | 24 | | 9 | RCC5-26/26F | 26 | 26 | 15.5 | | | | | | | |
| RCC5-15/15F | | | | | | 15 | | | RCC5-29/26F | | 29 | | | | | | | | |
| RCC5-20/15F | 20 | RCC5-32/26F | 32 | | | | | | | | | | | | | | | | |
| RCC5-24/15F | 17 | 24 | 10.1 | RCC5-29/29F | 29 | 29 | 16.8 | | | | | | | | | | | | |
| RCC5-16/16F | | 16 | | 16 | | RCC5-32/29F | | 32 | 32 | | | | | | | | | | |
| RCC5-20/16F | | | | 20 | | RCC5-32/32F | | | 32 | | | | | | | | | | |
| RCC5-24/16F | 24 | | 29 | 18 | 198 | | | | | | | | | | | | | | |
| RCC5-29/16F | 29 | 17 | 12.4 | | | | | | | | | | | | | | | | |
| RCC5-17/17F | 2.2 | 17 | 17 | 10.1 | 12.4 | 105 | | | | | | | | | | | | | |
| RCC5-20/17F | | | 20 | | | | | | | | | | | | | | | | |
| RCC5-24/17F | | | 24 | | | | | | | | | | | | | | | | |
| RCC5-29/17F | 29 | | | | | | | | | | | | | | | | | | |

■RCC5 [50/60Hz, 200V]

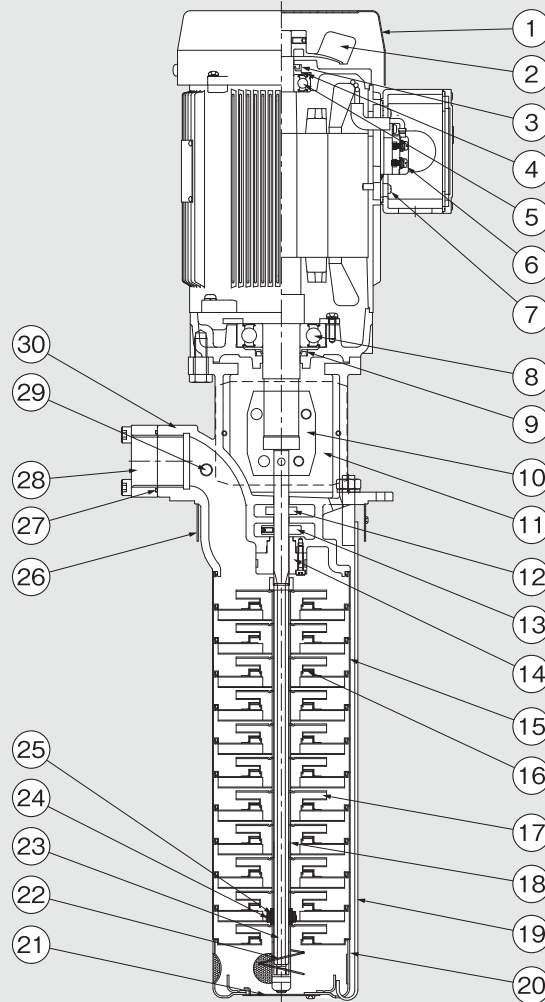
| RCC5/HSI/000 E | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------|----------------|--------------|------------|----------------------|----------------|--------------|------------|------------|----------------|--------------|------------|----------------------|----------------|--------------|------------|--------|------|------|-----|------|------|----|------------|
| Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | Model | Motor kW | Impeller stage | Casing stage | MAX. AMP A | MAX. allowable AMP A | Capacity L/min | Total Head m | | | | | | | | | |
| | | | | | | | | | | | | | | | | RCC5-6/6 | 1.5 | 6 | 6 | 6.2 | 9.3 | 50 | 55 | RCC5-14/14 |
| RCC5-8/6 | 8 | (6) | 16 | (13.3) | | | | | | | | | | | | | | | | | | | | |
| RCC5-10/6 | 10 | [6] | 20 | [13.3] | | | | | | | | | | | | | | | | | | | | |
| RCC5-14/6 | 14 | [5.1] | 24 | [10.6] | | | | | | | | | | | | | | | | | | | | |
| RCC5-16/6 | 16 | | 29 | | | | | | | | | | | | | | | | | | | | | |
| RCC5-20/6 | 20 | | 29 | | | | | | | | | | | | | | | | | | | | | |
| RCC5-7/7 | 7 | 7 | 7 | 9.3 | 50 | 63 | RCC5-15/15 | 3.7 | 15 | 15 | 14.9 | 18.5 | 50 | 136 | | | | | | | | | | |
| RCC5-10/7 | | 10 | (6.7) | | | | 16 | | | (14.1) | | | | | | | | | | | | | | |
| RCC5-14/7 | | 14 | [6.6] | | | | 20 | | | [13.9] | | | | | | | | | | | | | | |
| RCC5-16/7 | | 16 | [5.4] | | | | 24 | | | [10.9] | | | | | | | | | | | | | | |
| RCC5-20/7 | | 20 | | | | | 29 | | | | | | | | | | | | | | | | | |
| RCC5-8/8 | | 8 | 8 | | | | 7.8 | | | 9.3 | 50 | | | | 71 | RCC5-16/16 | | 3.7 | 16 | 16 | 15.7 | 18.5 | 50 | 145 |
| RCC5-10/8 | 10 | | (7.4) | 20 | (14.8) | | | | | | | | | | | | | | | | | | | |
| RCC5-14/8 | 14 | | [7.2] | 24 | [14.6] | | | | | | | | | | | | | | | | | | | |
| RCC5-16/8 | 16 | | [5.8] | 29 | [11.2] | | | | | | | | | | | | | | | | | | | |
| RCC5-20/8 | 20 | | | 32 | | | | | | | | | | | | | | | | | | | | |
| RCC5-9/9 | 9 | | 9 | 8.6 | 9.3 | 50 | 79 | RCC5-18/18 | 3.7 | | | 18 | 18 | 17.5 | | 18.5 | | | | 50 | 163 | | | |
| RCC5-10/9 | | 10 | (8.1) | 20 | | | | (16.4) | | | | | | | | | | | | | | | | |
| RCC5-14/9 | | 14 | [7.9] | 24 | | | | [16.1] | | | | | | | | | | | | | | | | |
| RCC5-16/9 | | 16 | [6.1] | 29 | | | | [12] | | | | | | | | | | | | | | | | |
| RCC5-20/9 | | 20 | | 32 | | | | | | | | | | | | | | | | | | | | |
| RCC5-10/10 | | 10 | 10 | 9.3 | | | | 9.3 | | 50 | 87 | | RCC5-20/20 | 3.7 | 20 | | | 20 | 18.5 | | | 18.5 | 50 | 180 |
| RCC5-14/10 | 14 | | (8.8) | 24 | (17.9) | | | | | | | | | | | | | | | | | | | |
| RCC5-16/10 | 16 | | [8.6] | 29 | [17.5] | | | | | | | | | | | | | | | | | | | |
| RCC5-20/10 | 20 | | [6.5] | 32 | [12.8] | | | | | | | | | | | | | | | | | | | |
| RCC5-11/11 | 11 | | 11 | 11 | 12.3 | 50 | 97 | | RCC5-22/22 | | | 5.5 | 22 | | | 22 | | 20.3 | 25.5 | 50 | 198 | | | |
| RCC5-14/11 | | | 14 | (10.2) | | | | | 24 | | | | | | | (18.8) | | | | | | | | |
| RCC5-16/11 | | 16 | [10] | 29 | | | | [18.1] | | | | | | | | | | | | | | | | |
| RCC5-20/11 | | 20 | [7.4] | 32 | | | | [13.2] | | | | | | | | | | | | | | | | |
| RCC5-12/12 | | 12 | 12 | 11.8 | | | | 12.3 | 50 | 105 | RCC5-24/24 | | | 5.5 | 24 | 24 | | 22 | | | | 25.5 | 50 | 215 |
| RCC5-14/12 | | | 14 | (11) | | | | | | | 29 | | | | | (20.3) | | | | | | | | |
| RCC5-16/12 | 16 | | [10.8] | 32 | [19.6] | | | | | | | | | | | | | | | | | | | |
| RCC5-20/12 | 20 | | [7.8] | 32 | [14.1] | | | | | | | | | | | | | | | | | | | |
| RCC5-24/12 | 24 | | | 26 | 23.7 | | | | | | | | | | | | | | | | | | | |
| RCC5-13/13 | 13 | | 13 | 12.3 | 12.3 | 50 | 113 | | | | RCC5-29/26 | 5.5 | 26 | | | 29 | (21.8) | 25.5 | 50 | 232 | | | | |
| RCC5-14/13 | | 14 | (11.8) | 32 | | | | [21] | | | | | | | | | | | | | | | | |
| RCC5-16/13 | | 16 | [11.5] | 32 | | | | [15] | | | | | | | | | | | | | | | | |
| RCC5-20/13 | | 20 | [8.3] | | | | | | | | | | | | | | | | | | | | | |
| RCC5-24/13 | | 24 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

※Inside of () is 220V, [] is 230V, < > is 200V, when operating at 50 Hz



Structure drawing

The drawing is the typical drawing, so it might vary depending on models.

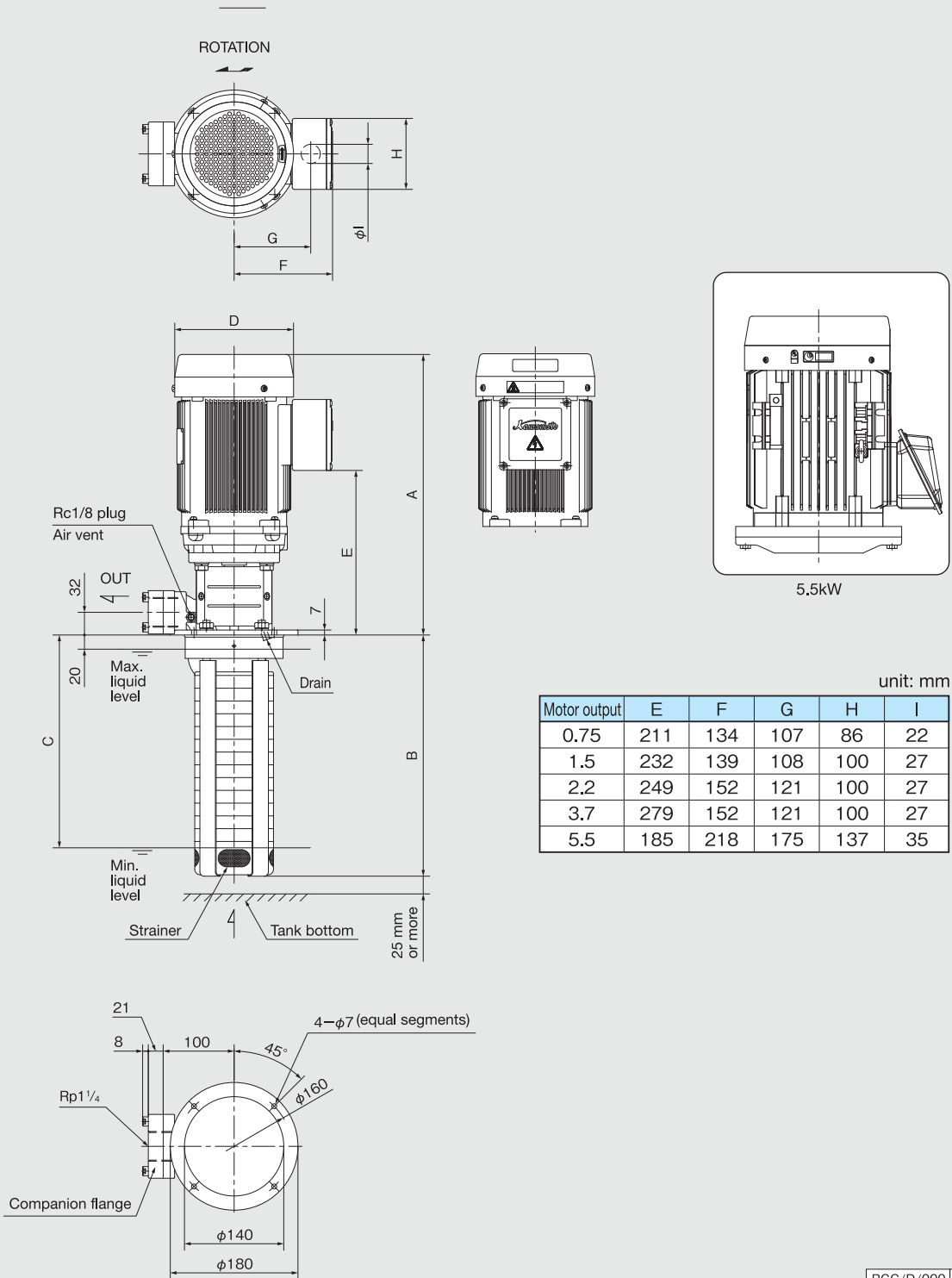


| No. | Name | Material | No. | Name | Material |
|-----|---------------------|----------|-----|-------------------|----------|
| 1 | Fan cover | SPCC | 16 | Liner ring | PTFE |
| 2 | Fan | PA | 17 | Impeller | SUS304 |
| 3 | Oil seal | NBR | 18 | Sleeve | SUS304 |
| 4 | Wave washer | SK-85M | 19 | Band | SUS304 |
| 5 | Ball bearing | — | 20 | Suction casing | SUS304 |
| 6 | Solderless terminal | SWRM | 21 | Strainer | SUS304 |
| 7 | Earth screw | C2700 | 22 | Support screw | SUS304 |
| 8 | Ball bearing | — | 23 | Shaft | SUS431 |
| 9 | Oil seal | NBR | 24 | Submerged bearing | SiC |
| 10 | Coupling | FC0205 | 25 | Sleeve | SiC |
| 11 | Coupling cover | SUS304 | 26 | Cover | SUS304 |
| 12 | Deflector | FKM | 27 | O ring | FKM |
| 13 | Deflector | SUS304 | 28 | Flange | FC200 |
| 14 | Bush | FCD450 | 29 | Plug | SWCH10K |
| 15 | Stage casing | SUS304 | 30 | Discharge casing | FC200 |

RCC/HC/000 E

Dimensional drawings

Please inquire specification sheets and drawings in case of actual work plans.



RCC/D/000 E

Specification table

■RCC1 [50Hz]

unit: mm

| Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg | Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg |
|-------------|-------------|-------------------|-----------------|-----|-----|---|------|------------|-------------|-------------|-------------------|-----------------|-----|-----|-----|------|------------|
| | | | | | | | | | | | | | | | | | |
| RCC1-15/13 | | | 15 | 394 | 354 | | | 25 | RCC1-25/22F | | | 25 | | 574 | 534 | | 28 |
| RCC1-17/13 | | | 17 | 430 | 390 | | | 26 | RCC1-30/22F | | | 30 | | 664 | 624 | | 29 |
| RCC1-21/13 | | | 21 | 502 | 462 | | | 26 | RCC1-33/22F | | | 33 | | 718 | 678 | | 29 |
| RCC1-25/13 | | | 25 | 574 | 534 | | | 27 | RCC1-23/23F | 0.75 | | 23 | 367 | 538 | 498 | | 28 |
| RCC1-14/14 | | | 14 | 376 | 336 | | | 25 | RCC1-25/23F | | | 25 | | 574 | 534 | | 28 |
| RCC1-15/14 | | | 15 | 394 | 354 | | | 25 | RCC1-30/23F | | | 30 | | 664 | 624 | | 29 |
| RCC1-17/14 | | | 17 | 430 | 390 | | | 26 | RCC1-33/23F | | | 33 | | 718 | 678 | | 29 |
| RCC1-21/14 | | | 21 | 502 | 462 | | | 26 | RCC1-36/23F | | | 36 | | 772 | 732 | | 30 |
| RCC1-25/14 | | | 25 | 574 | 534 | | | 27 | RCC1-24/24F | | | 24 | | 556 | 516 | | 33 |
| RCC1-15/15 | | | 15 | 394 | 354 | | | 26 | RCC1-25/24F | | | 25 | | 574 | 534 | | 33 |
| RCC1-17/15 | | | 17 | 430 | 390 | | | 26 | RCC1-30/24F | | | 30 | | 664 | 624 | | 34 |
| RCC1-21/15 | | | 21 | 502 | 462 | | | 26 | RCC1-33/24F | | | 33 | | 718 | 678 | | 34 |
| RCC1-25/15 | | | 25 | 574 | 534 | | | 27 | RCC1-36/24F | | | 36 | | 772 | 732 | | 35 |
| RCC1-16/16F | 0.75 | | 16 | 412 | 372 | | φ168 | 26 | RCC1-27/27F | | | 27 | | 610 | 570 | φ168 | 34 |
| RCC1-17/16F | | | 17 | 430 | 390 | | | 26 | RCC1-33/27F | | | 33 | | 718 | 678 | | 35 |
| RCC1-21/16F | | | 21 | 502 | 462 | | | 27 | RCC1-36/27F | | | 36 | | 772 | 732 | | 35 |
| RCC1-25/16F | | | 25 | 574 | 534 | | | 27 | RCC1-29/29F | | | 29 | | 646 | 606 | | 34 |
| RCC1-17/17F | | | 17 | 430 | 390 | | | 26 | RCC1-33/29F | 1.5 | | 33 | 396 | 718 | 678 | | 35 |
| RCC1-21/17F | | | 21 | 502 | 462 | | | 27 | RCC1-36/29F | | | 36 | | 772 | 732 | | 35 |
| RCC1-25/17F | | | 25 | 574 | 534 | | | 27 | RCC1-30/30F | | | 30 | | 664 | 624 | | 34 |
| RCC1-30/17F | | | 30 | 664 | 624 | | | 28 | RCC1-33/30F | | | 33 | | 718 | 678 | | 35 |
| RCC1-18/18F | | | 18 | 448 | 408 | | | 26 | RCC1-36/30F | | | 36 | | 772 | 732 | | 35 |
| RCC1-21/18F | | | 21 | 502 | 462 | | | 27 | RCC1-32/32F | | | 32 | | 700 | 660 | | 35 |
| RCC1-25/18F | | | 25 | 574 | 534 | | | 27 | RCC1-33/32F | | | 33 | | 718 | 678 | | 35 |
| RCC1-30/18F | | | 30 | 664 | 624 | | | 28 | RCC1-36/32F | | | 36 | | 772 | 732 | | 36 |
| RCC1-21/21F | | | 21 | 502 | 462 | | | 27 | RCC1-33/33F | | | 33 | | 718 | 678 | | 35 |
| RCC1-25/21F | | | 25 | 574 | 534 | | | 28 | RCC1-36/33F | | | 36 | | 772 | 732 | | 36 |
| RCC1-30/21F | | | 30 | 664 | 624 | | | 29 | RCC1-36/36F | | | 36 | | 772 | 732 | | 41 |
| RCC1-33/21F | | | 33 | 718 | 678 | | | 29 | RCC1-38/38F | 2.2 | | 38 | 413 | 808 | 768 | φ194 | 41 |

※Model name without F at the end are shared with 60 Hz

RCC1/d/500 E

■RCC1 [50/60Hz]

unit: mm

| Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg | Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg |
|------------|-------------|-------------------|-----------------|-----|-----|---|------|------------|------------|-------------|-------------------|-----------------|-----|-----|-----|------|------------|
| | | | | | | | | | | | | | | | | | |
| RCC1-15/13 | | | 15 | 394 | 354 | | | 25 | RCC1-25/21 | | | 25 | | 574 | 534 | | 33 |
| RCC1-17/13 | | | 17 | 430 | 390 | | | 26 | RCC1-30/21 | 1.5 | | 30 | 396 | 664 | 624 | φ168 | 33 |
| RCC1-21/13 | | | 21 | 502 | 462 | | | 26 | RCC1-33/21 | | | 33 | | 718 | 678 | | 34 |
| RCC1-25/13 | | | 25 | 574 | 534 | | | 27 | RCC1-36/21 | | | 36 | | 772 | 732 | | 34 |
| RCC1-14/14 | | | 14 | 376 | 336 | | | 25 | RCC1-23/23 | | | 23 | | 538 | 498 | | 37 |
| RCC1-15/14 | 0.75 | | 15 | 394 | 354 | | | 25 | RCC1-27/23 | | | 27 | | 610 | 570 | | 37 |
| RCC1-17/14 | | | 17 | 430 | 390 | | | 26 | RCC1-30/23 | | | 30 | | 664 | 624 | | 38 |
| RCC1-21/14 | | | 21 | 502 | 462 | | | 26 | RCC1-33/23 | | | 33 | | 718 | 678 | | 38 |
| RCC1-25/14 | | | 25 | 574 | 534 | | | 27 | RCC1-36/23 | | | 36 | | 772 | 732 | | 39 |
| RCC1-15/15 | | | 15 | 394 | 354 | | | 26 | RCC1-25/25 | | | 25 | | 574 | 534 | | 37 |
| RCC1-17/15 | | | 17 | 430 | 390 | | | 26 | RCC1-27/25 | | | 27 | | 610 | 570 | | 37 |
| RCC1-21/15 | | | 21 | 502 | 462 | | | 26 | RCC1-30/25 | 2.2 | | 30 | 413 | 664 | 624 | | 38 |
| RCC1-25/15 | | | 25 | 574 | 534 | | | 27 | RCC1-33/25 | | | 33 | | 718 | 678 | φ194 | 38 |
| RCC1-30/15 | | | 30 | 664 | 624 | | | 28 | RCC1-36/25 | | | 36 | | 772 | 732 | | 39 |
| RCC1-16/16 | | | 16 | 412 | 372 | | φ168 | 31 | RCC1-27/27 | | | 27 | | 610 | 570 | | 38 |
| RCC1-17/16 | | | 17 | 430 | 390 | | | 31 | RCC1-30/27 | | | 30 | | 664 | 624 | | 38 |
| RCC1-21/16 | | | 21 | 502 | 462 | | | 32 | RCC1-33/27 | | | 33 | | 718 | 678 | | 39 |
| RCC1-25/16 | | | 25 | 574 | 534 | | | 32 | RCC1-36/27 | | | 36 | | 772 | 732 | | 39 |
| RCC1-30/16 | | | 30 | 664 | 624 | | | 33 | RCC1-29/29 | | | 29 | | 646 | 606 | | 43 |
| RCC1-17/17 | | | 17 | 430 | 390 | | | 31 | RCC1-33/29 | 3.7 | | 33 | 443 | 718 | 678 | | 44 |
| RCC1-21/17 | | | 21 | 502 | 462 | | | 32 | RCC1-36/29 | | | 36 | | 772 | 732 | | 44 |
| RCC1-25/17 | 1.5 | | 25 | 574 | 534 | | | 32 | | | | | | | | | |
| RCC1-30/17 | | | 30 | 664 | 624 | | | 33 | | | | | | | | | |
| RCC1-33/17 | | | 33 | 718 | 678 | | | 34 | | | | | | | | | |
| RCC1-18/18 | | | 18 | 448 | 408 | | | 31 | | | | | | | | | |
| RCC1-21/18 | | | 21 | 502 | 462 | | | 32 | | | | | | | | | |
| RCC1-25/18 | | | 25 | 574 | 534 | | | 32 | | | | | | | | | |
| RCC1-30/18 | | | 30 | 664 | 624 | | | 33 | | | | | | | | | |
| RCC1-33/18 | | | 33 | 718 | 678 | | | 34 | | | | | | | | | |

RCC1/d/000 E

Specification table

■ RCC2 [50Hz]

unit: mm

| Model | Motor | Impeller | Casing | A | B | C | D | Mass | Model | Motor | Impeller | Casing | A | B | C | D | Mass | | |
|-------------|-------|----------|--------|-----|-----|-----|------|--|-------------|-------------|----------|--------|-----|------|-----|------|------|----|----|
| | kW | stage | stage | | | | | | | kW | stage | stage | | | | | | kg | kg |
| RCC2-11/11 | 1.5 | 11 | 11 | 396 | 322 | 282 | φ168 | 27 | RCC2-16/16F | 1.5 | 16 | 16 | 396 | 412 | 372 | φ168 | 29 | | |
| RCC2-13/11 | | | 13 | | 358 | 318 | | 28 | RCC2-18/16F | | | 18 | | 448 | 408 | | 29 | | |
| RCC2-15/11 | | | 15 | | 394 | 354 | | 28 | RCC2-22/16F | | | 22 | | 520 | 480 | | 30 | | |
| RCC2-18/11 | | | 18 | | 448 | 408 | | 29 | RCC2-26/16F | | | 26 | | 592 | 552 | | 30 | | |
| RCC2-22/11 | | | 22 | | 520 | 480 | | 29 | RCC2-17/17F | | | 17 | | 430 | 390 | | 29 | | |
| RCC2-26/11 | | | 26 | | 592 | 552 | | 30 | RCC2-18/17F | | | 18 | | 448 | 408 | | 29 | | |
| RCC2-12/12 | | 12 | 12 | 12 | 340 | 300 | 28 | RCC2-22/17F | 22 | 520 | 480 | 30 | | | | | | | |
| RCC2-13/12 | | | | 13 | 358 | 318 | 28 | RCC2-26/17F | 26 | 592 | 552 | 31 | | | | | | | |
| RCC2-15/12 | | | | 15 | 394 | 354 | 28 | RCC2-18/18F | 18 | 448 | 408 | 29 | | | | | | | |
| RCC2-18/12 | | | | 18 | 448 | 408 | 29 | RCC2-22/18F | 22 | 520 | 480 | 30 | | | | | | | |
| RCC2-22/12 | | | | 22 | 520 | 480 | 29 | RCC2-26/18F | 26 | 592 | 552 | 31 | | | | | | | |
| RCC2-26/12 | | | | 26 | 592 | 552 | 30 | RCC2-19/19F | 19 | 466 | 426 | 30 | | | | | | | |
| RCC2-13/13 | | 13 | 13 | 13 | 358 | 318 | 28 | RCC2-22/19F | 22 | 520 | 480 | 30 | | | | | | | |
| RCC2-15/13 | | | | 15 | 394 | 354 | 28 | RCC2-26/19F | 26 | 592 | 552 | 31 | | | | | | | |
| RCC2-18/13 | | | | 18 | 448 | 408 | 29 | RCC2-22/22F | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-22/13 | | | | 22 | 520 | 480 | 29 | RCC2-26/22F | 26 | 592 | 552 | 37 | | | | | | | |
| RCC2-26/13 | | | | 26 | 592 | 552 | 30 | RCC2-23/23F | 23 | 538 | 498 | 36 | | | | | | | |
| RCC2-14/14 | | | | 14 | 14 | 14 | 376 | 336 | 28 | RCC2-26/23F | 26 | 592 | 552 | φ194 | 37 | | | | |
| RCC2-15/14 | | 15 | 394 | | | 354 | 28 | RCC2-26/26F | 26 | 592 | 552 | 37 | | | | | | | |
| RCC2-18/14 | | 18 | 448 | | | 408 | 29 | RCC2-29/29F | 29 | 29 | 646 | 606 | 38 | | | | | | |
| RCC2-22/14 | | 22 | 520 | | | 480 | 30 | ※Model name without F at the end are shared with 60 Hz | | | | | | | | | | | |
| RCC2-26/14 | | 26 | 592 | | | 552 | 30 | | | | | | | | | | | | |
| RCC2-15/15F | | 15 | 15 | | | 15 | 394 | 354 | 29 | | | | | | | | | | |
| RCC2-18/15F | | | | 18 | 448 | 408 | 29 | | | | | | | | | | | | |
| RCC2-22/15F | | | | 22 | 520 | 480 | 30 | | | | | | | | | | | | |
| RCC2-26/15F | | | | 26 | 592 | 552 | 30 | | | | | | | | | | | | |

■ RCC2 [50/60Hz]

unit: mm

| Model | Motor | Impeller | Casing | A | B | C | D | Mass | Model | Motor | Impeller | Casing | A | B | C | D | Mass | | |
|------------|-------|----------|--------|-----|-----|------------|------|------------|------------|-------|----------|--------|-----|-----|-----|------|------|----|----|
| | kW | stage | stage | | | | | | | kW | stage | stage | | | | | | kg | kg |
| RCC2-9/9 | 1.5 | 9 | 9 | 396 | 286 | 246 | φ168 | 27 | RCC2-14/14 | 1.5 | 14 | 14 | 396 | 376 | 336 | φ168 | 28 | | |
| RCC2-11/9 | | | 11 | | 322 | 282 | | 27 | RCC2-15/14 | | | 15 | | 394 | 354 | | 28 | | |
| RCC2-13/9 | | | 13 | | 358 | 318 | | 28 | RCC2-18/14 | | | 18 | | 448 | 408 | | 29 | | |
| RCC2-15/9 | | | 15 | | 394 | 354 | | 28 | RCC2-22/14 | | | 22 | | 520 | 480 | | 30 | | |
| RCC2-18/9 | | | 18 | | 448 | 408 | | 28 | RCC2-26/14 | | | 26 | | 592 | 552 | | 30 | | |
| RCC2-22/9 | | | 22 | | 520 | 480 | | 29 | RCC2-15/15 | | | 15 | | 394 | 354 | | 34 | | |
| RCC2-26/9 | | 26 | 592 | 552 | 30 | RCC2-18/15 | 18 | 448 | 408 | 35 | | | | | | | | | |
| RCC2-10/10 | | 10 | 10 | 10 | 304 | 264 | 27 | RCC2-22/15 | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-13/10 | | | | 13 | 358 | 318 | 28 | RCC2-26/15 | 26 | 592 | 552 | 36 | | | | | | | |
| RCC2-15/10 | | | | 15 | 394 | 354 | 28 | RCC2-16/16 | 16 | 412 | 372 | 35 | | | | | | | |
| RCC2-18/10 | | | | 18 | 448 | 408 | 28 | RCC2-18/16 | 18 | 448 | 408 | 35 | | | | | | | |
| RCC2-22/10 | | | | 22 | 520 | 480 | 29 | RCC2-22/16 | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-26/10 | | | | 26 | 592 | 552 | 30 | RCC2-26/16 | 26 | 592 | 552 | 36 | | | | | | | |
| RCC2-11/11 | | 11 | 11 | 11 | 322 | 282 | 27 | RCC2-17/17 | 17 | 430 | 390 | 35 | | | | | | | |
| RCC2-13/11 | | | | 13 | 358 | 318 | 28 | RCC2-18/17 | 18 | 448 | 408 | φ194 | 35 | | | | | | |
| RCC2-15/11 | | | | 15 | 394 | 354 | 28 | RCC2-22/17 | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-18/11 | | | | 18 | 448 | 408 | 29 | RCC2-26/17 | 26 | 592 | 552 | 36 | | | | | | | |
| RCC2-22/11 | | | | 22 | 520 | 480 | 29 | RCC2-18/18 | 18 | 448 | 408 | 35 | | | | | | | |
| RCC2-26/11 | | | | 26 | 592 | 552 | 30 | RCC2-22/18 | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-12/12 | | 12 | 12 | 12 | 340 | 300 | 28 | RCC2-26/18 | 26 | 592 | 552 | 37 | | | | | | | |
| RCC2-13/12 | | | | 13 | 358 | 318 | 28 | RCC2-19/19 | 19 | 466 | 426 | 36 | | | | | | | |
| RCC2-15/12 | | | | 15 | 394 | 354 | 28 | RCC2-22/19 | 22 | 520 | 480 | 36 | | | | | | | |
| RCC2-18/12 | | | | 18 | 448 | 408 | 29 | RCC2-26/19 | 26 | 592 | 552 | 37 | | | | | | | |
| RCC2-22/12 | | | | 22 | 520 | 480 | 29 | RCC2/d/000 | | | | | | | | | | | |
| RCC2-26/12 | | | | 26 | 592 | 552 | 30 | | | | | | | | | | | | |
| RCC2-13/13 | | 13 | 13 | 13 | 358 | 318 | 28 | | | | | | | | | | | | |
| RCC2-15/13 | | | | 15 | 394 | 354 | 28 | | | | | | | | | | | | |
| RCC2-18/13 | | | | 18 | 448 | 408 | 29 | | | | | | | | | | | | |
| RCC2-22/13 | | | | 22 | 520 | 480 | 29 | | | | | | | | | | | | |
| RCC2-26/13 | | | | 26 | 592 | 552 | 30 | | | | | | | | | | | | |



Specification table

■RCC3 [50Hz]

unit: mm

| Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg | Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg |
|------------|-------------|-------------------|-----------------|-----|-------------|----|-------------|------------|-------|-------------|-------------------|-----------------|---|---|---|---|------------|
| | | | | | | | | | | | | | | | | | |
| RCC3-15/12 | 15 | 394 | 354 | 30 | RCC3-23/20F | 23 | 538 | 498 | 32 | | | | | | | | |
| RCC3-19/12 | 19 | 466 | 426 | 31 | RCC3-26/20F | 26 | 592 | 552 | 33 | | | | | | | | |
| RCC3-23/12 | 15 | 15 | 23 | 538 | 498 | 31 | RCC3-30/20F | 30 | 664 | 624 | 33 | | | | | | |
| RCC3-15/15 | | | 15 | 394 | 354 | 31 | RCC3-25/25F | 25 | 574 | 534 | 33 | | | | | | |
| RCC3-19/15 | | | 19 | 466 | 426 | 31 | RCC3-30/25F | 30 | 664 | 624 | 34 | | | | | | |
| RCC3-23/15 | 17 | 23 | 23 | 538 | 498 | 32 | RCC3-36/25F | 36 | 772 | 732 | 35 | | | | | | |
| RCC3-17/17 | | | 17 | 430 | 390 | 31 | RCC3-26/26F | 26 | 592 | 552 | 33 | | | | | | |
| RCC3-23/17 | | | 23 | 538 | 498 | 32 | RCC3-30/26F | 30 | 664 | 624 | 34 | | | | | | |
| RCC3-26/17 | 18 | 26 | 26 | 592 | 552 | 32 | RCC3-36/26F | 36 | 772 | 732 | 35 | | | | | | |
| RCC3-18/18 | | | 18 | 448 | 408 | 31 | RCC3-30/30F | 30 | 664 | 624 | 34 | | | | | | |
| RCC3-23/18 | | | 23 | 538 | 498 | 32 | RCC3-36/30F | 36 | 772 | 732 | 35 | | | | | | |
| RCC3-26/18 | 19 | 26 | 26 | 592 | 552 | 33 | RCC3-31/31F | 31 | 682 | 642 | 37 | | | | | | |
| RCC3-19/19 | | | 19 | 466 | 426 | 32 | RCC3-36/31F | 36 | 772 | 732 | 38 | | | | | | |
| RCC3-23/19 | | | 23 | 538 | 498 | 32 | RCC3-36/36F | 36 | 772 | 732 | 38 | | | | | | |
| RCC3-26/19 | 19 | 26 | 26 | 592 | 552 | 33 | RCC3-38/38F | 38 | 808 | 768 | 39 | | | | | | |
| RCC3-30/19 | | | 30 | 664 | 624 | 33 | | | | | | | | | | | |

※Model name without F at the end are shared with 60 Hz RCC3/d/500 E

■RCC3 [50/60Hz]

unit: mm

| Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg | Model | Motor kW | Impeller stage | Casing stage | A | B | C | D | Mass kg |
|------------|-------------|-------------------|-----------------|-----|------------|-----|------------|------------|------------|-------------|-------------------|-----------------|----|---|---|---|------------|
| | | | | | | | | | | | | | | | | | |
| RCC3-12/10 | 12 | 340 | 300 | 30 | RCC3-23/18 | 23 | 538 | 498 | 32 | | | | | | | | |
| RCC3-15/10 | 15 | 394 | 354 | 30 | RCC3-26/18 | 26 | 592 | 552 | 33 | | | | | | | | |
| RCC3-19/10 | 19 | 466 | 426 | 31 | RCC3-30/18 | 30 | 664 | 624 | 33 | | | | | | | | |
| RCC3-23/10 | 23 | 538 | 498 | 31 | RCC3-19/19 | 19 | 466 | 426 | 32 | | | | | | | | |
| RCC3-11/11 | 11 | 11 | 11 | 322 | 282 | 29 | RCC3-23/19 | 23 | 538 | 498 | 32 | | | | | | |
| RCC3-15/11 | | | 15 | 394 | 354 | 30 | RCC3-26/19 | 26 | 592 | 552 | 33 | | | | | | |
| RCC3-19/11 | | | 19 | 466 | 426 | 31 | RCC3-30/19 | 30 | 664 | 624 | 33 | | | | | | |
| RCC3-23/11 | | | 23 | 538 | 498 | 31 | RCC3-36/19 | 36 | 772 | 732 | 34 | | | | | | |
| RCC3-12/12 | | | 12 | 12 | 12 | 340 | 300 | 30 | RCC3-21/21 | 21 | 502 | 462 | 35 | | | | |
| RCC3-15/12 | | | | | 15 | 394 | 354 | 30 | RCC3-23/21 | 23 | 538 | 498 | 36 | | | | |
| RCC3-19/12 | 19 | 466 | | | 426 | 31 | RCC3-26/21 | 26 | 592 | 552 | 36 | | | | | | |
| RCC3-23/12 | 23 | 538 | | | 498 | 31 | RCC3-30/21 | 30 | 664 | 624 | 37 | | | | | | |
| RCC3-13/13 | 13 | 13 | | | 13 | 358 | 318 | 30 | RCC3-36/21 | 36 | 772 | 732 | 38 | | | | |
| RCC3-15/13 | | | | | 15 | 394 | 354 | 30 | RCC3-23/23 | 23 | 538 | 498 | 36 | | | | |
| RCC3-19/13 | | | 19 | 466 | 426 | 31 | RCC3-26/23 | 26 | 592 | 552 | 36 | | | | | | |
| RCC3-23/13 | | | 23 | 538 | 498 | 32 | RCC3-30/23 | 30 | 664 | 624 | 37 | | | | | | |
| RCC3-15/15 | | | 15 | 15 | 15 | 394 | 354 | 31 | RCC3-36/23 | 36 | 772 | 732 | 38 | | | | |
| RCC3-19/15 | | | | | 19 | 466 | 426 | 31 | RCC3-25/25 | 25 | 574 | 534 | 37 | | | | |
| RCC3-23/15 | 23 | 538 | | | 498 | 32 | RCC3-30/25 | 30 | 664 | 624 | 37 | | | | | | |
| RCC3-26/15 | 26 | 592 | | | 552 | 32 | RCC3-36/25 | 36 | 772 | 732 | 38 | | | | | | |
| RCC3-16/16 | 16 | 16 | | | 16 | 412 | 372 | 31 | RCC3-26/26 | 26 | 592 | 552 | 42 | | | | |
| RCC3-19/16 | | | | | 19 | 466 | 426 | 31 | RCC3-30/26 | 30 | 664 | 624 | 43 | | | | |
| RCC3-23/16 | | | 23 | 538 | 498 | 32 | RCC3-36/26 | 36 | 772 | 732 | 44 | | | | | | |
| RCC3-26/16 | | | 26 | 592 | 552 | 32 | RCC3-28/28 | 28 | 628 | 588 | 43 | | | | | | |
| RCC3-17/17 | | | 17 | 17 | 17 | 430 | 390 | 31 | RCC3-30/28 | 30 | 664 | 624 | 43 | | | | |
| RCC3-23/17 | | | | | 23 | 538 | 498 | 32 | RCC3-36/28 | 36 | 772 | 732 | 44 | | | | |
| RCC3-26/17 | 26 | 592 | | | 552 | 32 | | | | | | | | | | | |
| RCC3-30/17 | 30 | 664 | | | 624 | 33 | | | | | | | | | | | |

RCC3/d/000 E