



HEY-WEL MECHANICAL CO.,LTD.



<http://www.heywel.com>

## 3-LOBE ROOTS BLOWER

**Hey-wel** Mechanical Co., Ltd. is the first professional manufacturer for 3-lobe roots blower in Taiwan, with our diligence, faith and honor for developing roots blower, we have the high pressure water cooled blowers, the submersible blowers, EV-Series high efficiency blowers, the high pressure roots vacuum pump with air injection, booster and vertical blower.

### FEATURES :

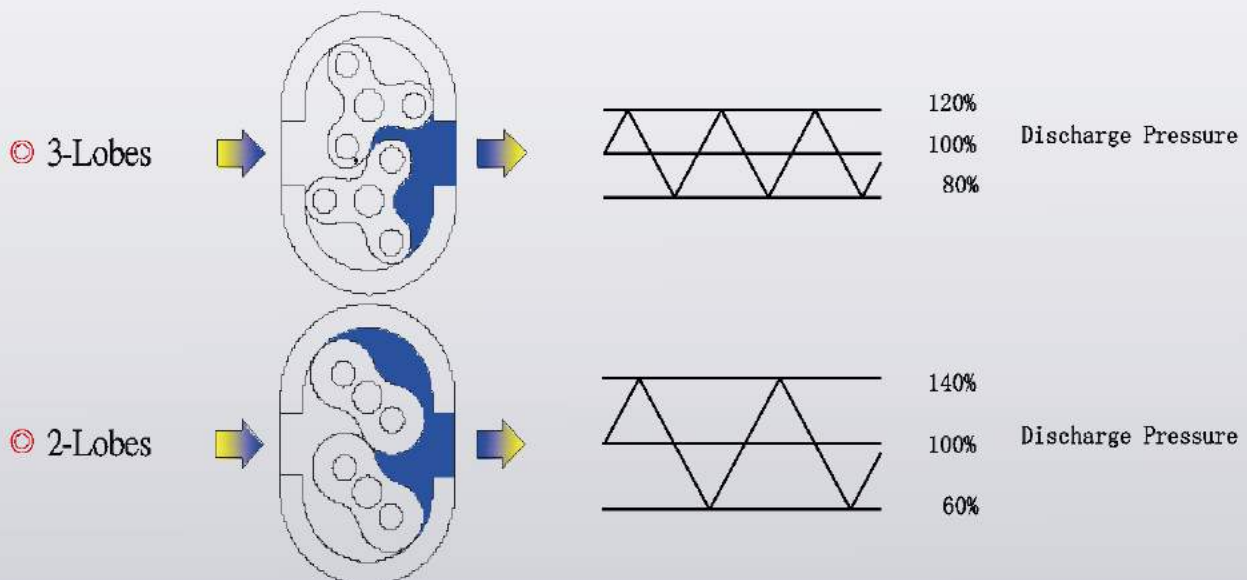
1. Wide range of capacity, pressure, vacuum  
Bore size : 32 mm ~ 400 mm (1-1/4" ~ 16")  
Capacity : 0.3 ~ 278 m<sup>3</sup>/min (8 ~ 9800 CFM)  
Pressure :  
RSS up to 8000 mmAq (0.8 Kg/cm<sup>2</sup>)  
RSW up to 10000 mmAq (1 Kg/cm<sup>2</sup>)  
TRS(2 stage type) up to 20000 mmAq (2 Kg/cm<sup>2</sup>)  
Vacuum :  
1 stage up to -500 mmHg  
2 stage up to -600 mmHg  
high pressure roots up to -700 mmHg
2. Blowed air without oil
3. Computerized balance to lower noise level and vibration
4. Steady blow, steady capacity
5. Rotor of special design, high efficiency, low consumption
6. Solid construction, no defect
7. First degree gear, high precision, low consumption
8. Standardized processing system
9. One step process for rotor
10. Piston ring installed

### The difference between roots blowers of 2 lobes and 3 lobes

Traditional 2 lobes roots blower has high vibration and noise level, this causes short life of parts.

### THE ADVANTAGE OF 3-LOBE ROOTS BLOWER :

1. Low revers pressure, steady capacity, low vibration, low noise level
2. Low fluctuation of outlet pressure, make long life of bearing, gear
3. In the same RPM, 3-lobe roots blower has low noise level, low vibration, longer life





## APPLICATION :

1. Waste water
2. Dust collecting after burning
3. Equipment of dust collection
4. Vacuum dehydration for dying, paper industry
5. Ventilation, desolates
6. Environment caring
7. Air exhaust, air dry
8. Air transportation
9. Gas, bulk conveyance
10. Aquarium
11. Conveyance by air
12. Liquid agitation

## UNIT CONVERSION :

### PRESSURE

| PRESSURE              | mbar                   | Pa                    | atm                    | lbf/in <sup>2</sup>   | Kgf/cm <sup>2</sup>   | in Hg                  | mmAq                  |
|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|
| 1 mbar                | 1                      | 10 <sup>2</sup>       | 9.869x10 <sup>-4</sup> | 1.45x10 <sup>-2</sup> | 1.02x10 <sup>-3</sup> | 2.953x10 <sup>-2</sup> | 10.197                |
| 1 Pa                  | 0.01                   | 1                     | 9.87x10 <sup>-6</sup>  | 1.45x10 <sup>-4</sup> | 1.02x10 <sup>-5</sup> | 2.953x10 <sup>-4</sup> | 0.102                 |
| 1 atm                 | 1.013x10 <sup>3</sup>  | 1.013x10 <sup>5</sup> | 1                      | 14.7                  | 1.033                 | 29.92                  | 1.033x10 <sup>4</sup> |
| 1 lbf/in <sup>2</sup> | 68.95                  | 6.895x10 <sup>2</sup> | 6.805x10 <sup>-2</sup> | 1                     | 7.03x10 <sup>-2</sup> | 2.036                  | 7.03x10 <sup>2</sup>  |
| 1 kgf/cm <sup>2</sup> | 9.807x10 <sup>2</sup>  | 9.807x10 <sup>4</sup> | 0.968                  | 14.22                 | 1                     | 28.96                  | 10 <sup>4</sup>       |
| 1 in Hg               | 33.86                  | 3.386x10 <sup>3</sup> | 3.342x10 <sup>-2</sup> | 0.491                 | 3.45x10 <sup>-2</sup> | 1                      | 3.45x10 <sup>2</sup>  |
| 1 mmAq                | 9.807x10 <sup>-2</sup> | 9.807                 | 9.667x10 <sup>-5</sup> | 1.42x10 <sup>-3</sup> | 10 <sup>-4</sup>      | 2.896x10 <sup>-3</sup> | 1                     |

### Pressure Conversion Formula

- 1 Pa = 0.102 mmAq  
 1 mbar = 10.197 mmAq  
 1 mmHg = 13.6 mmAq  
 1 psi = 703 mmAq  
 1 Torr = 133.3 Pa  
 1 Torr = 1.333 mbar

### CAPACITY

| CAPACITY                    | m <sup>3</sup> /min | m <sup>3</sup> /h | ℓ/min | ft <sup>3</sup> /min(cfm) |
|-----------------------------|---------------------|-------------------|-------|---------------------------|
| 1 m <sup>3</sup> /min       | 1                   | 60                | 1000  | 35.31                     |
| 1 m <sup>3</sup> /h         | 0.017               | 1                 | 16.67 | 0.589                     |
| 1 ℓ/min                     | 0.001               | 0.06              | 1     | 0.035                     |
| 1 ft <sup>3</sup> /min(cfm) | 0.028               | 1.699             | 28.32 | 1                         |

### POWER

| POWER      | kg-m/sec | kw    | HP    | PS    |
|------------|----------|-------|-------|-------|
| 1 kg-m/sec | 1        | 0.01  | 0.013 | 0.013 |
| 1 kw       | 101.97   | 1     | 1.341 | 1.360 |
| 1 HP       | 76.038   | 0.746 | 1     | 1.014 |
| 1 PS       | 75       | 0.736 | 0.986 | 1     |

## ENQUIRY INFORMATION :

### 1. Application and conditions :

Describe the purpose of use, continuous or intermittent operation.

### 2. Capacity :

Describe whether the flow rate is at standard condition or normal condition (unless specified, the flow rate will be calculated as a flow rate under suction condition, and it is not handled as discharge flow rate i.e. at 760 mmHg, 20°C, 65% RH or standard condition.)

### 3. Pressure :

Describe whether pressure is constant or variable, if variable, specify the range and the relationship between air flow rate and pressure. Describe whether pressure shows static pressure of the discharge or difference between suction and discharge pressure. State whether suction pressure is atmospheric pressure. Otherwise, specify suction and discharge pressure respectively.

### 4. Type of Gas and Specific Gravity :

Specify the following points: Type of gas and its components, content of impurities and their sizes, specific gravity, chemical properties, suggestions for materials, explosive and/or toxic nature (regarded as normal-temperature, normal-pressure air unless specified).

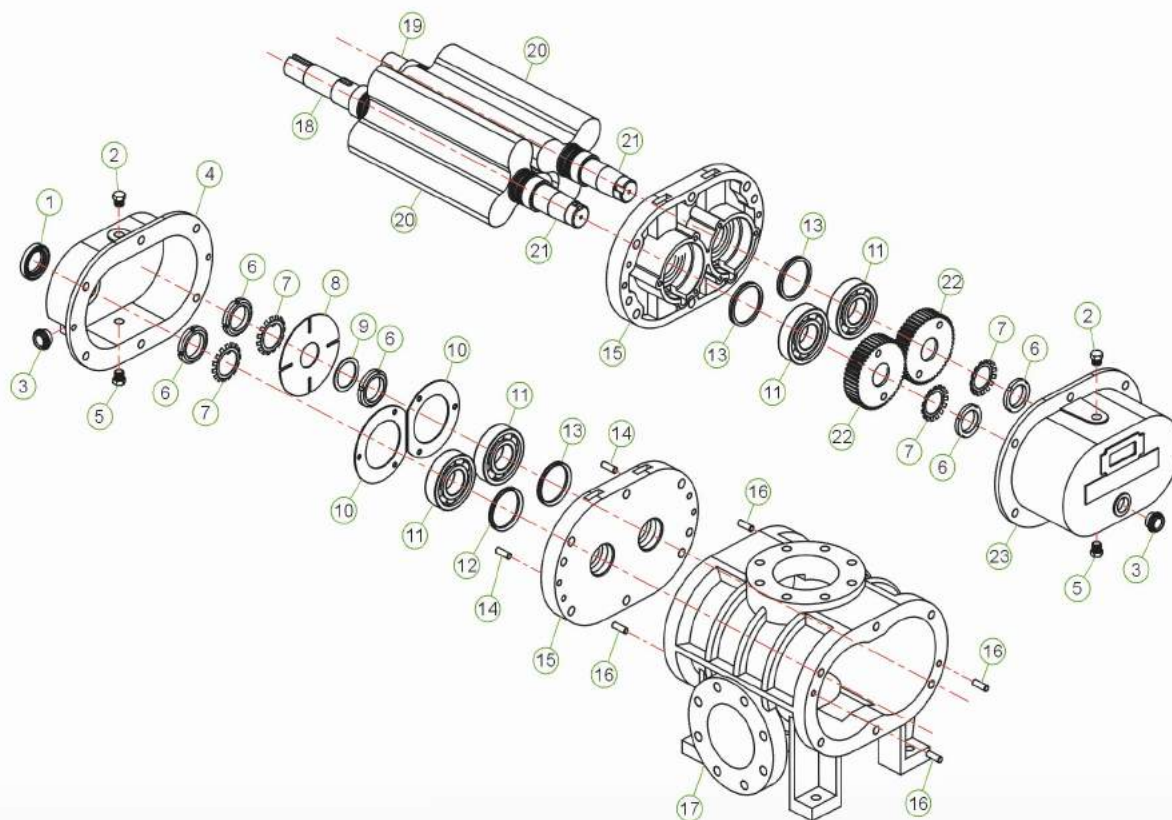
### 5. Gas Temperature

HEY-WEL's Roots Blowers are normally used for normal temperature at suction. If suction temperature is higher than normal temperature, please inform HEY-WEL CO.

### 6. Type of Prime Mover

When a motor is used as the prime mover, Specify the voltage, frequency and power supply condition etc.

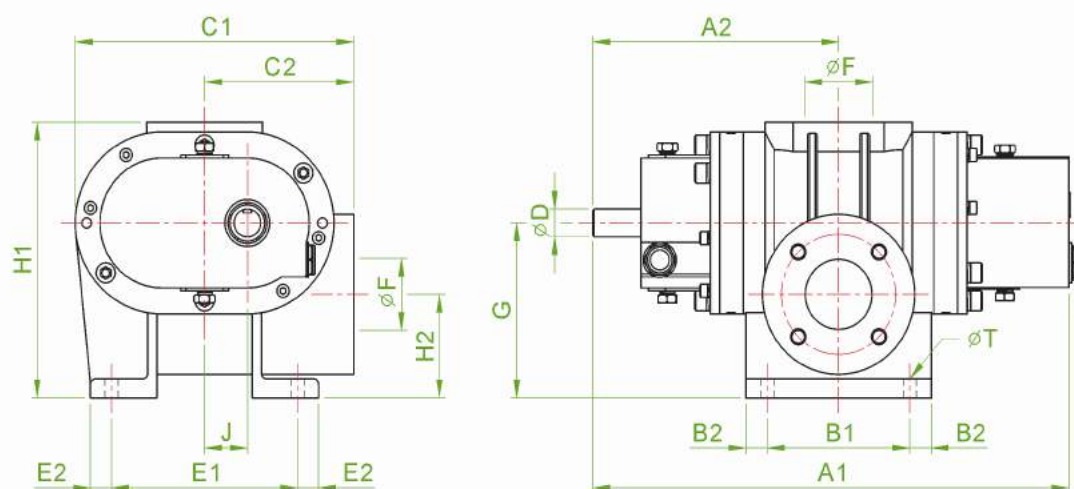
## RSS PARTS LIST



| NO. | NAME               | MATERIAL | Q'TY | NO. | NAME             | MATERIAL | Q'TY |
|-----|--------------------|----------|------|-----|------------------|----------|------|
| 1   | TC Oil seal        | NBR      | 1    | 16  | Positioning pins | S45C     | 4    |
| 2   | Lubricant plug     | ABS      | 2    | 17  | Blower casing    | FC250    | 1    |
| 3   | Oil sight window   | Glass    | 2    | 18  | Drive shaft      | SCM440   | 1    |
| 4   | Oil reservoir      | FC250    | 1    | 19  | Driven shaft     | SCM440   | 1    |
| 5   | Purge plug         | S45C     | 2    | 20  | Rotors           | FC250    | 2    |
| 6   | Locking nuts       | S45C     | 5    | 21  | Gear Shaft       | SCM440   | 2    |
| 7   | Lock washer        | S45C     | 4    | 22  | Timing gears     | SNCM220  | 2    |
| 8   | Oil thrower        | SS400    | 1    | 23  | Oil reservoir    | FC250    | 1    |
| 9   | Oil thrower washer | SS400    | 1    |     |                  |          |      |
| 10  | Bearing fixtures   | SS400    | 2    |     |                  |          |      |
| 11  | Bearings           | SUJ2     | 4    |     |                  |          |      |
| 12  | TC Oil seal        | NBR      | 1    |     |                  |          |      |
| 13  | V-ring             | Viton    | 3    |     |                  |          |      |
| 14  | Positioning pins   | S45C     | 2    |     |                  |          |      |
| 15  | Bearing case       | FC250    | 2    |     |                  |          |      |

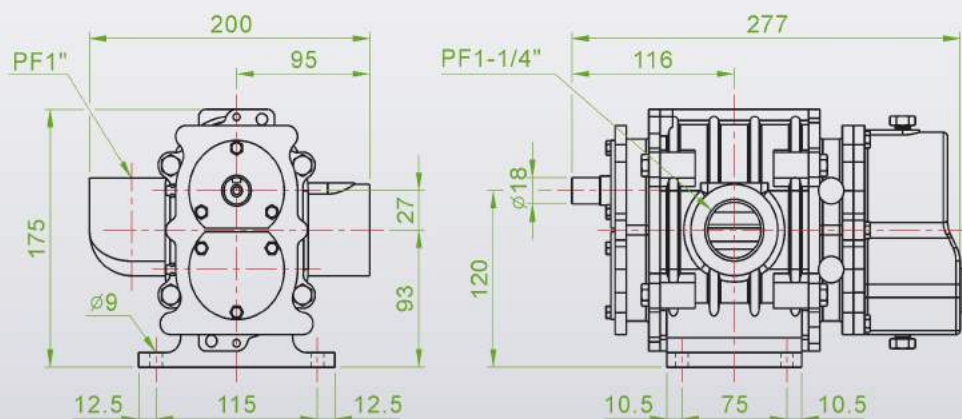


## RSS MAIN-BODY DIMENSION



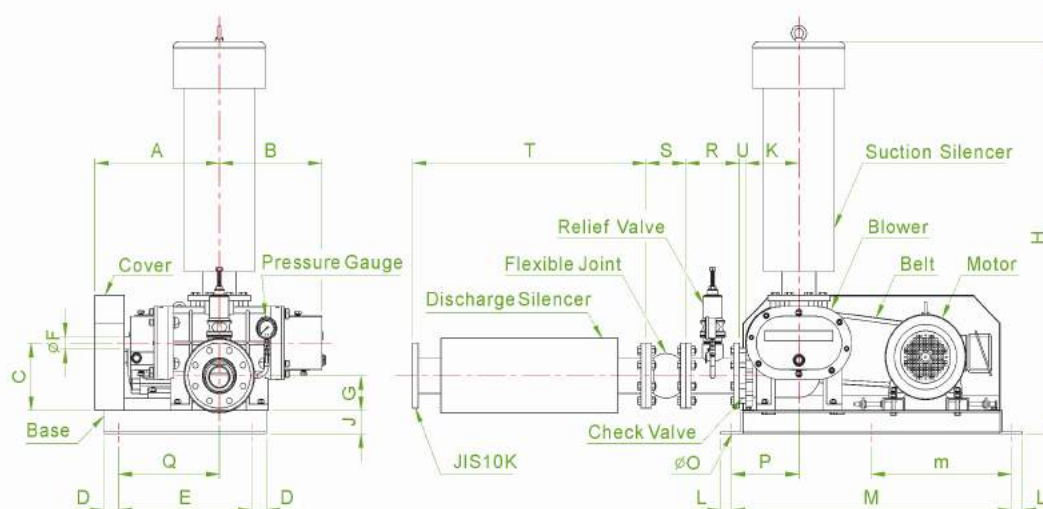
| Model    | A1   | A2  | B1  | B2   | C1   | C2  | $\phi D$ | $\phi T$ | E1  | E2   | $\phi F$            | G   | H1  | H2  | J   | Wt.(kg) |
|----------|------|-----|-----|------|------|-----|----------|----------|-----|------|---------------------|-----|-----|-----|-----|---------|
| RSS-40   | 421  | 219 | 80  | 15   | 276  | 140 | 28       | 14       | 196 | 22   | JIS 5K 1½" / 10K 2" | 180 | 285 | 104 | 45  | 55      |
| RSS-50   | 501  | 259 | 150 | 22.5 | 276  | 140 | 28       | 14       | 196 | 22   | JIS 10K 2"          | 191 | 292 | 104 | 45  | 70      |
| RSS-65   | 561  | 289 | 196 | 27   | 288  | 152 | 28       | 14       | 196 | 27   | JIS 10K 2.5"        | 194 | 295 | 104 | 45  | 72      |
| RSS-80   | 640  | 343 | 196 | 22   | 358  | 180 | 38       | 14       | 196 | 22   | JIS 10K 3"          | 212 | 341 | 107 | 60  | 136     |
| RSS-100  | 740  | 393 | 282 | 24   | 358  | 180 | 38       | 14       | 232 | 29   | JIS 10K 4"          | 217 | 352 | 112 | 60  | 148     |
| RSS-125A | 770  | 400 | 210 | 20   | 483  | 250 | 48       | 19       | 346 | 27   | JIS 10K 5"          | 262 | 430 | 135 | 80  | 248     |
| RSS-125  | 890  | 460 | 310 | 30   | 483  | 250 | 48       | 19       | 355 | 22.5 | JIS 10K 5"          | 262 | 430 | 163 | 80  | 274     |
| RSS-150  | 1000 | 515 | 428 | 26   | 483  | 250 | 48       | 19       | 355 | 22.5 | JIS 10K 6"          | 289 | 453 | 163 | 80  | 308     |
| RSS-200A | 993  | 495 | 239 | 45.5 | 700  | 360 | 65       | 23       | 555 | 42.5 | JIS 10K 8"          | 402 | 630 | 198 | 120 | 640     |
| RSS-200  | 1093 | 545 | 400 | 38   | 690  | 350 | 65       | 23       | 550 | 35   | JIS 10K 8"          | 402 | 630 | 198 | 120 | 732     |
| RSS-250  | 1243 | 620 | 520 | 25   | 700  | 360 | 65       | 23       | 550 | 35   | JIS 10K 10"         | 435 | 660 | 218 | 120 | 929     |
| RSS-300A | 1479 | 756 | 680 | 45   | 700  | 360 | 75       | 23       | 540 | 40   | JIS 10K 12"         | 435 | 675 | 255 | 120 | 1071    |
| RSS-300  | 1306 | 699 | 420 | 55   | 1010 | 510 | 95       | 33       | 780 | 35   | JIS 10K 12"         | 550 | 880 | 300 | 180 | 1700    |
| RSS-350  | 1626 | 859 | 740 | 55   | 1010 | 510 | 95       | 33       | 780 | 35   | JIS 10K 14"         | 550 | 880 | 300 | 180 | 2250    |
| RSS-400  | 1766 | 929 | 880 | 55   | 1010 | 510 | 95       | 33       | 780 | 35   | JIS 10K 16"         | 550 | 880 | 300 | 180 | 2500    |

### ▽ RSS-32



| Model  | A1  | A2  | B1 | B2   | C1  | C2 | $\phi D$ | $\phi T$ | E1  | E2   | $\phi F$     | G   | H1  | H2 | J  | Wt.(kg) |
|--------|-----|-----|----|------|-----|----|----------|----------|-----|------|--------------|-----|-----|----|----|---------|
| RSS-32 | 277 | 116 | 75 | 10.5 | 200 | 95 | 18       | 9        | 115 | 12.5 | 1"PF / 1¼"PF | 120 | 175 | 93 | 27 | 17      |

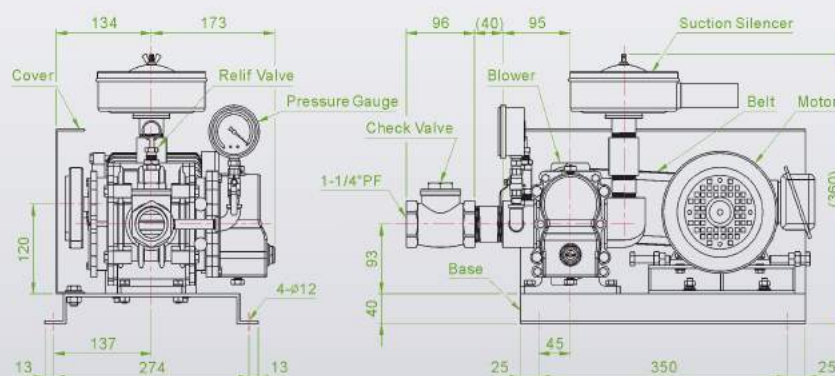
## RSS OVERALL DIMENSION



※Wt. without motor

| Model    | A    | B   | C   | D    | E    | $\phi F$ | G   | H    | J   | K   | L    | M    | m    | $\phi O$ | P   | Q   | R   | U  | S   | T    | Wt.(kg) |
|----------|------|-----|-----|------|------|----------|-----|------|-----|-----|------|------|------|----------|-----|-----|-----|----|-----|------|---------|
| RSS-40   | 235  | 202 | 180 | 20   | 350  | 28       | 104 | 731  | 46  | 140 | 50   | 500  | -    | 14       | 98  | 255 | 150 | 20 | 105 | 589  | 85      |
| RSS-50   | 274  | 242 | 191 | 50   | 350  | 28       | 104 | 933  | 75  | 140 | 37.5 | 795  | -    | 12.7     | 208 | 209 | 150 | 20 | 105 | 589  | 122     |
| RSS-65   | 303  | 272 | 194 | 50   | 350  | 28       | 104 | 936  | 75  | 152 | 37.5 | 795  | -    | 12.7     | 208 | 238 | 150 | 24 | 115 | 589  | 132     |
| RSS-80   | 371  | 297 | 212 | 50   | 450  | 38       | 107 | 1251 | 75  | 180 | 37.5 | 945  | -    | 12.7     | 228 | 291 | 180 | 24 | 136 | 789  | 233     |
| RSS-100  | 421  | 347 | 217 | 50   | 450  | 38       | 112 | 1262 | 75  | 180 | 37.5 | 945  | -    | 12.7     | 228 | 341 | 180 | 22 | 136 | 789  | 247     |
| RSS-125A | 435  | 371 | 262 | 25   | 550  | 48       | 135 | 1851 | 100 | 250 | 100  | 900  | -    | 19       | 133 | 240 | 250 | 24 | 174 | 1260 | 408     |
| RSS-125  | 495  | 431 | 262 | 25   | 550  | 48       | 163 | 1851 | 100 | 250 | 100  | 900  | -    | 19       | 138 | 300 | 250 | 24 | 174 | 1260 | 434     |
| RSS-150  | 536  | 486 | 289 | 25   | 550  | 48       | 163 | 1874 | 100 | 250 | 100  | 900  | -    | 19       | 138 | 341 | 250 | 26 | 180 | 1260 | 485     |
| RSS-200A | 560  | 498 | 402 | 32.5 | 935  | 65       | 198 | 2263 | 125 | 360 | 100  | 1300 | 650  | 20       | 313 | 352 | 250 | 27 | 205 | 1640 | 990     |
| RSS-200  | 610  | 548 | 402 | 32.5 | 935  | 65       | 198 | 2263 | 125 | 350 | 100  | 1300 | 650  | 20       | 313 | 403 | 250 | 27 | 205 | 1640 | 1080    |
| RSS-250  | 685  | 623 | 435 | 32.5 | 935  | 65       | 218 | 2500 | 125 | 360 | 100  | 1300 | 650  | 20       | 313 | 478 | 250 | 28 | 240 | 1760 | 1350    |
| RSS-300A | 800  | 723 | 435 | 37.5 | 925  | 75       | 255 | 2682 | 150 | 360 | 235  | 1530 | 765  | 24       | 273 | 523 | 300 | 32 | 260 | 1750 | 1660    |
| RSS-300  | 780  | 607 | 550 | 45   | 1010 | 95       | 300 | 3097 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 400 | 300 | 32 | 260 | 1850 | 2500    |
| RSS-350  | 940  | 767 | 550 | 45   | 1110 | 95       | 300 | 3367 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 560 | 350 | 35 | 265 | 2500 | 3380    |
| RSS-400  | 1020 | 837 | 550 | 45   | 1110 | 95       | 300 | 3663 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 670 | 350 | 40 | 265 | 2700 | 3850    |

### ▽ RSS-32



| Model  | A   | B   | C   | D  | E   | $\phi F$ | G  | H   | J  | K  | L  | M   | m | $\phi O$ | P  | Q   | R  | U  | S | T | Wt.(kg) |
|--------|-----|-----|-----|----|-----|----------|----|-----|----|----|----|-----|---|----------|----|-----|----|----|---|---|---------|
| RSS-32 | 134 | 173 | 120 | 13 | 274 | 18       | 93 | 360 | 40 | 95 | 25 | 350 | - | 12       | 45 | 137 | 40 | 96 | - | - | 28      |



# RSS PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = m^3/min$

| NOTE: * inlet flow rate = Qs-in/min |      |                         |      |          |      |          |      |          |      |          |      |          |      |          |    |          |    |
|-------------------------------------|------|-------------------------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|----|----------|----|
| Model                               | RPM  | Type RSS-32 performance |      |          |      |          |      |          |      |          |      |          |      |          |    |          |    |
|                                     |      | 1000mmAq                |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |      | 5000mmAq |      | 6000mmAq |      | 7000mmAq |    | 8000mmAq |    |
|                                     |      | Qs                      | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw | Qs       | kw |
| RSS-32                              | 1500 | 0.50                    | 0.26 | 0.46     | 0.34 | 0.42     | 0.42 | 0.38     | 0.50 | 0.34     | 0.58 | 0.30     | 0.66 |          |    |          |    |
|                                     | 1750 | 0.58                    | 0.31 | 0.54     | 0.40 | 0.49     | 0.49 | 0.45     | 0.58 | 0.41     | 0.67 | 0.37     | 0.76 |          |    |          |    |
|                                     | 2000 | 0.66                    | 0.35 | 0.61     | 0.46 | 0.56     | 0.56 | 0.51     | 0.66 | 0.46     | 0.77 | 0.41     | 0.87 |          |    |          |    |
|                                     | 2300 | 0.76                    | 0.40 | 0.70     | 0.52 | 0.64     | 0.64 | 0.58     | 0.76 | 0.52     | 0.88 | 0.46     | 1.00 |          |    |          |    |
|                                     | 2600 | 0.88                    | 0.64 | 0.82     | 0.76 | 0.76     | 0.88 | 0.70     | 1.00 | 0.64     | 1.12 | 0.58     | 1.24 |          |    |          |    |
|                                     | 3000 | 1.02                    | 0.92 | 0.96     | 1.04 | 0.90     | 1.16 | 0.84     | 1.28 | 0.78     | 1.40 | 0.72     | 1.52 |          |    |          |    |

| Model  | RPM  | Type RSS-40 performance |      |          |      |          |      |          |      |          |      |          |      |          |      |          |      |
|--------|------|-------------------------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
|        |      | 1000mmAq                |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |      | 5000mmAq |      | 6000mmAq |      | 7000mmAq |      | 8000mmAq |      |
|        |      | Qs                      | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   |
| RSS-40 | 850  | 1.02                    | 0.23 | 0.85     | 0.47 | 0.67     | 0.70 | 0.46     | 0.94 | 0.23     | 1.17 |          |      |          |      |          |      |
|        | 950  | 1.18                    | 0.26 | 1.01     | 0.53 | 0.83     | 0.79 | 0.64     | 1.05 | 0.44     | 1.31 |          |      |          |      |          |      |
|        | 1050 | 1.33                    | 0.29 | 1.16     | 0.58 | 0.99     | 0.87 | 0.81     | 1.16 | 0.62     | 1.45 |          |      |          |      |          |      |
|        | 1150 | 1.49                    | 0.32 | 1.32     | 0.64 | 1.14     | 0.95 | 0.95     | 1.27 | 0.76     | 1.59 |          |      |          |      |          |      |
|        | 1250 | 1.64                    | 0.35 | 1.47     | 0.69 | 1.30     | 1.04 | 1.14     | 1.38 | 0.98     | 1.73 | 0.82     | 2.07 | 0.67     | 2.42 | 0.52     | 2.76 |
|        | 1350 | 1.80                    | 0.37 | 1.62     | 0.75 | 1.46     | 1.12 | 1.31     | 1.49 | 1.17     | 1.87 | 1.04     | 2.24 | 0.93     | 2.61 | 0.82     | 2.99 |
|        | 1450 | 1.96                    | 0.40 | 1.78     | 0.80 | 1.61     | 1.20 | 1.47     | 1.60 | 1.35     | 2.00 | 1.26     | 2.40 | 1.17     | 2.81 | 1.11     | 3.21 |
|        | 1550 | 2.11                    | 0.43 | 1.93     | 0.86 | 1.77     | 1.29 | 1.63     | 1.71 | 1.51     | 2.14 | 1.41     | 2.57 | 1.33     | 3.00 | 1.26     | 3.43 |
|        | 1650 | 2.27                    | 0.46 | 2.08     | 0.91 | 1.92     | 1.37 | 1.78     | 1.82 | 1.66     | 2.28 | 1.57     | 2.74 | 1.48     | 3.19 | 1.42     | 3.65 |
|        | 1750 | 2.42                    | 0.48 | 2.24     | 0.97 | 2.08     | 1.45 | 1.94     | 1.93 | 1.82     | 2.42 | 1.72     | 2.90 | 1.64     | 3.39 | 1.57     | 3.87 |
|        | 1850 | 2.58                    | 0.51 | 2.39     | 1.02 | 2.23     | 1.53 | 2.09     | 2.05 | 1.97     | 2.56 | 1.88     | 3.07 | 1.79     | 3.58 | 1.73     | 4.09 |
|        | 1950 | 2.73                    | 0.54 | 2.55     | 1.08 | 2.39     | 1.62 | 2.25     | 2.16 | 2.13     | 2.70 | 2.03     | 3.23 | 1.95     | 3.77 | 1.88     | 4.31 |

| Model  | RPM  | Type RSS-50 performance |      |          |      |          |      |          |      |          |      |          |      |          |      |          |      |
|--------|------|-------------------------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
|        |      | 1000mmAq                |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |      | 5000mmAq |      | 6000mmAq |      | 7000mmAq |      | 8000mmAq |      |
|        |      | Qs                      | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   |
| RSS-50 | 850  | 1.60                    | 0.44 | 1.37     | 0.87 | 1.18     | 1.29 | 1.02     | 1.70 | 0.88     | 2.09 | 0.76     | 2.48 | 0.67     | 2.86 | 0.60     | 3.06 |
|        | 950  | 1.87                    | 0.50 | 1.64     | 0.98 | 1.45     | 1.44 | 1.29     | 1.90 | 1.15     | 2.34 | 1.03     | 2.78 | 0.94     | 3.19 | 0.87     | 3.61 |
|        | 1050 | 2.13                    | 0.55 | 1.90     | 1.08 | 1.71     | 1.60 | 1.55     | 2.10 | 1.41     | 2.59 | 1.29     | 3.06 | 1.20     | 3.53 | 1.13     | 3.99 |
|        | 1150 | 2.40                    | 0.60 | 2.17     | 1.19 | 1.98     | 1.75 | 1.82     | 2.30 | 1.68     | 2.84 | 1.56     | 3.36 | 1.47     | 3.87 | 1.40     | 4.37 |
|        | 1250 | 2.67                    | 0.66 | 2.44     | 1.29 | 2.25     | 1.90 | 2.09     | 2.50 | 1.95     | 3.08 | 1.83     | 3.65 | 1.74     | 4.21 | 1.67     | 4.75 |
|        | 1350 | 2.93                    | 0.71 | 2.70     | 1.39 | 2.51     | 2.06 | 2.35     | 2.70 | 2.21     | 3.33 | 2.09     | 3.94 | 2.00     | 4.54 | 1.93     | 5.13 |
|        | 1450 | 3.20                    | 0.76 | 2.97     | 1.50 | 2.78     | 2.21 | 2.62     | 2.90 | 2.48     | 3.57 | 2.36     | 4.23 | 2.27     | 4.88 | 2.20     | 5.51 |
|        | 1550 | 3.47                    | 0.81 | 3.24     | 1.60 | 3.05     | 2.36 | 2.89     | 3.10 | 2.75     | 3.82 | 2.63     | 4.52 | 2.54     | 5.22 | 2.47     | 5.89 |
|        | 1650 | 3.74                    | 0.86 | 3.51     | 1.70 | 3.32     | 2.51 | 3.16     | 3.30 | 3.02     | 4.07 | 2.90     | 4.82 | 2.81     | 5.55 | 2.74     | 6.27 |
|        | 1750 | 4.01                    | 0.91 | 3.78     | 1.80 | 3.59     | 2.66 | 3.43     | 3.50 | 3.29     | 4.31 | 3.17     | 5.11 | 3.08     | 5.89 | 3.01     | 6.65 |
|        | 1850 | 4.28                    | 0.97 | 4.05     | 1.91 | 3.86     | 2.82 | 3.70     | 3.70 | 3.56     | 4.56 | 3.44     | 5.40 | 3.35     | 6.23 | 3.28     | 7.03 |
|        | 1950 | 4.55                    | 1.02 | 4.32     | 2.01 | 4.13     | 2.97 | 3.97     | 3.90 | 3.83     | 4.80 | 3.71     | 5.69 | 3.62     | 6.56 | 3.55     | 7.41 |

| Model  | RPM  | Type RSS-65 performance |      |          |      |          |      |          |      |          |      |          |      |          |      |          |      |
|--------|------|-------------------------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
|        |      | 1000mmAq                |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |      | 5000mmAq |      | 6000mmAq |      | 7000mmAq |      | 8000mmAq |      |
|        |      | Qs                      | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   |
| RSS-65 | 850  | 2.17                    | 0.61 | 1.99     | 1.20 | 1.80     | 1.76 | 1.63     | 2.30 | 1.49     | 2.81 | 1.36     | 3.31 | 1.25     | 3.79 | 1.15     | 4.26 |
|        | 950  | 2.53                    | 0.69 | 2.35     | 1.35 | 2.16     | 1.96 | 1.99     | 2.57 | 1.85     | 3.14 | 1.72     | 3.70 | 1.60     | 4.24 | 1.51     | 4.76 |
|        | 1050 | 2.88                    | 0.75 | 2.70     | 1.48 | 2.51     | 2.17 | 2.34     | 2.84 | 2.20     | 3.47 | 2.07     | 4.09 | 1.96     | 4.69 | 1.86     | 5.27 |
|        | 1150 | 3.24                    | 0.83 | 3.06     | 1.62 | 2.87     | 2.37 | 2.70     | 3.10 | 2.56     | 3.80 | 2.43     | 4.48 | 2.32     | 5.14 | 2.22     | 5.77 |
|        | 1250 | 3.60                    | 0.90 | 3.42     | 1.77 | 3.23     | 2.58 | 3.06     | 3.38 | 2.92     | 4.13 | 2.79     | 4.87 | 2.68     | 5.58 | 2.58     | 6.27 |
|        | 1350 | 3.96                    | 0.97 | 3.78     | 1.91 | 3.59     | 2.79 | 3.42     | 3.65 | 3.28     | 4.46 | 3.15     | 5.26 | 3.04     | 6.03 | 2.94     | 6.77 |
|        | 1450 | 4.32                    | 1.05 | 4.14     | 2.04 | 3.95     | 3.00 | 3.78     | 3.92 | 3.64     | 4.79 | 3.51     | 5.65 | 3.40     | 6.47 | 3.30     | 7.27 |
|        | 1550 | 4.68                    | 1.12 | 4.50     | 2.19 | 4.31     | 3.21 | 4.14     | 4.19 | 4.00     | 5.12 | 3.87     | 6.04 | 3.76     | 6.92 | 3.66     | 7.77 |
|        | 1650 | 5.04                    | 1.19 | 4.86     | 2.33 | 4.67     | 3.41 | 4.50     | 4.46 | 4.36     | 5.46 | 4.23     | 6.43 | 4.12     | 7.37 | 4.02     | 8.27 |
|        | 1750 | 5.40                    | 1.26 | 5.22     | 2.47 | 5.03     | 3.62 | 4.86     | 4.73 | 4.72     | 5.79 | 4.59     | 6.82 | 4.48     | 7.82 | 4.38     | 8.77 |
|        | 1850 | 5.76                    | 1.34 | 5.58     | 2.61 | 5.39     | 3.83 | 5.22     | 5.00 | 5.08     | 6.12 | 4.95     | 7.21 | 4.84     | 8.26 | 4.74     | 9.28 |
|        | 1950 | 6.12                    | 1.41 | 5.94     | 2.76 | 5.75     | 4.04 | 5.58     | 5.27 | 5.44     | 6.45 | 5.31     | 7.60 | 5.20     | 8.71 | 5.10     | 9.79 |

| Model  | RPM  | Type RSS-80 performance |      |          |      |          |      |          |      |          |       |          |       |          |       |          |       |
|--------|------|-------------------------|------|----------|------|----------|------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|
|        |      | 1000mmAq                |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |      | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|        |      | Qs                      | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-80 | 800  | 3.83                    | 1.09 | 3.38     | 2.08 | 2.98     | 2.99 | 2.62     | 3.82 | 2.31     | 4.59  | 2.03     | 5.31  | 1.79     | 5.97  | 1.57     | 6.70  |
|        | 900  | 4.43                    | 1.22 | 3.98     | 2.34 | 3.58     | 3.36 | 3.22     | 4.30 | 2.91     | 5.17  | 2.63     | 5.97  | 2.39     | 6.72  | 2.17     | 7.52  |
|        | 1000 | 5.03                    | 1.36 | 4.58     | 2.60 | 4.19     | 3.73 | 3.82     | 4.77 | 3.51     | 5.74  | 3.23     | 6.63  | 2.99     | 7.47  | 2.77     | 8.35  |
|        | 1100 | 5.63                    | 1.49 | 5.18     | 2.85 | 4.79     | 4.11 | 4.43     | 5.25 | 4.12     | 6.32  | 3.83     | 7.30  | 3.59     | 8.21  | 3.37     | 9.17  |
|        | 1200 | 6.23                    | 1.63 | 5.78     | 3.11 | 5.39     | 4.48 | 5.03     | 5.73 | 4.72     | 6.89  | 4.43     | 7.96  | 4.19     | 8.96  | 3.97     | 9.99  |
|        | 1300 | 6.83                    | 1.76 | 6.38     | 3.37 | 5.99     | 4.85 | 5.63     | 6.21 | 5.32     | 7.47  | 5.03     | 8.62  | 4.79     | 9.70  | 4.57     | 10.82 |
|        | 1400 | 7.43                    | 1.90 | 6.98     | 3.63 | 6.59     | 5.23 | 6.23     | 6.69 | 5.92     | 8.04  | 5.64     | 9.29  | 5.39     | 10.45 | 5.17     | 11.64 |
|        | 1500 | 8.03                    | 2.03 | 7.58     | 3.89 | 7.19     | 5.60 | 6.83     | 7.17 | 6.52     | 8.61  | 6.24     | 9.95  | 5.99     | 11.20 | 5.77     | 12.46 |
|        | 1600 | 8.63                    | 2.17 | 8.18     | 4.15 | 7.79     | 5.97 | 7.43     | 7.64 | 7.12     | 9.19  | 6.84     | 10.61 | 6.59     | 11.94 | 6.37     | 13.29 |
|        | 1650 | 8.93                    | 2.24 | 8.48     | 4.28 | 8.09     | 6.16 | 7.73     | 7.88 | 7.42     | 9.47  | 7.14     | 10.95 | 6.89     | 12.32 | 6.67     | 13.70 |
|        | 1750 | 9.53                    | 2.38 | 9.09     | 4.54 | 8.69     | 6.53 | 8.33     | 8.36 | 8.02     | 10.04 | 7.74     | 11.61 | 7.49     | 13.06 | 7.27     | 14.52 |
|        | 1850 | 10.13                   | 2.52 | 9.69     | 4.80 | 9.29     | 6.90 | 8.93     | 8.83 | 8.62     | 10.62 | 8.34     | 12.28 | 8.09     | 13.81 | 7.87     | 15.34 |
|        | 1950 | 10.73                   | 2.65 | 10.29    | 5.06 | 9.89     | 7.28 | 9.53     | 9.31 | 9.22     | 11.19 | 8.94     | 12.94 | 8.69     | 14.56 | 8.47     | 16.16 |



# RSS PERFORMANCE TABLE

NOTE : inlet flow rate Qs=m<sup>3</sup>/min

| Model   | RPM  | Type RSS-100 performance |      |          |      |          |      |          |       |          |       |          |       |          |       |          |       |
|---------|------|--------------------------|------|----------|------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|         |      | 1000mmAq                 |      | 2000mmAq |      | 3000mmAq |      | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|         |      | Qs                       | kw   | Qs       | kw   | Qs       | kw   | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-100 | 800  | 5.40                     | 1.40 | 4.80     | 2.75 | 4.26     | 3.89 | 3.78     | 5.05  | 3.36     | 6.05  | 2.99     | 6.96  | 2.66     | 7.89  | 2.38     | 8.92  |
|         | 900  | 6.25                     | 1.59 | 5.64     | 3.09 | 5.11     | 4.40 | 4.62     | 5.67  | 4.21     | 6.81  | 3.83     | 7.87  | 3.51     | 8.92  | 3.22     | 10.01 |
|         | 1000 | 7.09                     | 1.78 | 6.49     | 3.42 | 5.95     | 4.90 | 5.47     | 6.30  | 5.05     | 7.56  | 4.68     | 8.79  | 4.35     | 9.95  | 4.07     | 11.11 |
|         | 1100 | 7.94                     | 1.97 | 7.33     | 3.76 | 6.80     | 5.40 | 6.31     | 6.93  | 5.90     | 8.35  | 5.52     | 9.70  | 5.20     | 10.98 | 4.91     | 12.21 |
|         | 1200 | 8.78                     | 2.16 | 8.18     | 4.10 | 7.64     | 5.91 | 7.16     | 7.56  | 6.74     | 9.13  | 6.37     | 10.61 | 6.04     | 12.02 | 5.76     | 13.32 |
|         | 1300 | 9.63                     | 2.35 | 9.02     | 4.44 | 8.49     | 6.41 | 8.00     | 8.19  | 7.59     | 9.92  | 7.21     | 11.53 | 6.89     | 13.05 | 6.60     | 14.42 |
|         | 1400 | 10.47                    | 2.52 | 9.87     | 4.77 | 9.33     | 6.87 | 8.85     | 8.81  | 8.43     | 10.66 | 8.06     | 12.40 | 7.73     | 14.01 | 7.45     | 15.54 |
|         | 1500 | 11.32                    | 2.69 | 10.71    | 5.10 | 10.18    | 7.34 | 9.69     | 9.44  | 9.28     | 11.41 | 8.90     | 13.27 | 8.58     | 14.97 | 8.29     | 16.66 |
|         | 1600 | 12.16                    | 2.86 | 11.56    | 5.44 | 11.02    | 7.81 | 10.54    | 10.06 | 10.12    | 12.16 | 9.75     | 14.15 | 9.42     | 15.93 | 9.14     | 17.79 |
|         | 1650 | 12.59                    | 2.95 | 11.98    | 5.61 | 11.45    | 8.05 | 10.96    | 10.37 | 10.55    | 12.55 | 10.17    | 14.57 | 9.85     | 16.43 | 9.56     | 18.37 |
|         | 1750 | 13.43                    | 3.13 | 12.83    | 5.96 | 12.29    | 8.55 | 11.81    | 11.01 | 11.39    | 13.32 | 11.02    | 15.41 | 10.69    | 17.44 | 10.41    | 19.52 |
|         | 1850 | 14.28                    | 3.30 | 13.67    | 6.30 | 13.14    | 9.04 | 12.65    | 11.65 | 12.24    | 14.08 | 11.86    | 16.24 | 11.54    | 18.45 | 11.25    | 20.67 |
|         | 1950 | 15.12                    | 3.48 | 14.52    | 6.65 | 13.98    | 9.53 | 13.50    | 12.28 | 13.08    | 14.85 | 12.71    | 17.08 | 12.38    | 19.45 | 12.10    | 21.85 |

| Model    | RPM  | Type RSS-125A performance |      |          |      |          |       |          |       |          |       |          |       |          |       |          |       |
|----------|------|---------------------------|------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|          |      | 1000mmAq                  |      | 2000mmAq |      | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|          |      | Qs                        | kw   | Qs       | kw   | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-125A | 780  | 7.96                      | 1.93 | 7.30     | 3.71 | 6.68     | 5.35  | 6.11     | 6.84  | 5.65     | 8.24  | 5.19     | 9.52  | 4.76     | 10.71 | 4.39     | 11.83 |
|          | 830  | 8.55                      | 2.06 | 7.88     | 3.95 | 7.27     | 5.69  | 6.69     | 7.28  | 6.23     | 8.76  | 5.77     | 10.13 | 5.34     | 11.40 | 4.97     | 12.59 |
|          | 880  | 9.13                      | 2.18 | 8.46     | 4.19 | 7.85     | 6.03  | 7.28     | 7.72  | 6.81     | 9.29  | 6.35     | 10.74 | 5.92     | 12.09 | 5.56     | 13.35 |
|          | 930  | 9.71                      | 2.31 | 9.04     | 4.43 | 8.43     | 6.38  | 7.86     | 8.17  | 7.40     | 9.82  | 6.94     | 11.35 | 6.51     | 12.78 | 6.14     | 14.11 |
|          | 990  | 10.41                     | 2.46 | 9.74     | 4.72 | 9.13     | 6.79  | 8.56     | 8.69  | 8.10     | 10.46 | 7.64     | 12.08 | 7.21     | 13.61 | 6.84     | 15.02 |
|          | 1050 | 11.11                     | 2.61 | 10.44    | 5.00 | 9.83     | 7.20  | 9.26     | 9.22  | 8.79     | 11.09 | 8.33     | 12.82 | 7.91     | 14.43 | 7.54     | 15.93 |
|          | 1110 | 11.81                     | 2.76 | 11.14    | 5.29 | 10.53    | 7.62  | 9.96     | 9.75  | 9.49     | 11.72 | 9.03     | 13.55 | 8.61     | 15.26 | 8.24     | 16.84 |
|          | 1180 | 12.63                     | 2.93 | 11.96    | 5.62 | 11.35    | 8.10  | 10.78    | 10.37 | 10.31    | 12.47 | 9.85     | 14.41 | 9.43     | 16.22 | 9.06     | 17.90 |
|          | 1250 | 13.45                     | 3.10 | 12.78    | 5.96 | 12.16    | 8.58  | 11.60    | 10.98 | 11.13    | 13.21 | 10.67    | 15.26 | 10.24    | 17.18 | 9.88     | 18.97 |
|          | 1320 | 14.27                     | 3.28 | 13.59    | 6.29 | 12.98    | 9.06  | 12.41    | 11.60 | 11.95    | 13.95 | 11.48    | 16.12 | 11.06    | 18.15 | 10.69    | 20.03 |
|          | 1390 | 15.08                     | 3.45 | 14.41    | 6.63 | 13.79    | 9.54  | 13.23    | 12.22 | 12.76    | 14.69 | 12.30    | 16.98 | 11.88    | 19.11 | 11.51    | 21.09 |
|          | 1470 | 16.02                     | 3.65 | 15.34    | 7.01 | 14.73    | 10.09 | 14.16    | 12.92 | 13.70    | 15.54 | 13.24    | 17.96 | 12.81    | 20.21 | 12.44    | 22.31 |
|          | 1560 | 17.07                     | 3.88 | 16.39    | 7.44 | 15.78    | 10.71 | 15.21    | 13.71 | 14.75    | 16.49 | 14.29    | 19.06 | 13.86    | 21.45 | 13.49    | 23.67 |
|          | 1650 | 18.12                     | 4.11 | 17.44    | 7.87 | 16.83    | 11.33 | 16.27    | 14.51 | 15.80    | 17.44 | 15.34    | 20.16 | 14.91    | 22.69 | 14.54    | 25.04 |
|          | 1750 | 19.28                     | 4.36 | 18.61    | 8.35 | 18.00    | 12.02 | 17.43    | 15.39 | 16.96    | 18.50 | 16.50    | 21.38 | 16.08    | 24.07 | 15.71    | 26.56 |
|          | 1850 | 20.45                     | 4.61 | 19.78    | 8.82 | 19.16    | 12.70 | 18.60    | 16.27 | 18.13    | 19.56 | 17.67    | 22.60 | 17.25    | 25.45 | 16.87    | 28.08 |

| Model   | RPM  | Type RSS-125 performance |      |          |       |          |       |          |       |          |       |          |       |          |       |          |       |
|---------|------|--------------------------|------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|         |      | 1000mmAq                 |      | 2000mmAq |       | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|         |      | Qs                       | kw   | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-125 | 780  | 11.44                    | 2.85 | 10.43    | 5.42  | 9.56     | 7.78  | 8.81     | 9.97  | 8.19     | 12.06 | 7.68     | 14.12 | 7.30     | 16.31 | 6.99     | 18.48 |
|         | 830  | 12.31                    | 3.04 | 11.31    | 5.79  | 10.44    | 8.30  | 9.70     | 10.66 | 9.07     | 12.88 | 8.56     | 15.07 | 8.16     | 17.31 | 7.87     | 19.60 |
|         | 880  | 13.19                    | 3.23 | 12.19    | 6.16  | 11.32    | 8.83  | 10.57    | 11.33 | 9.95     | 13.70 | 9.44     | 16.00 | 9.04     | 18.36 | 8.75     | 20.73 |
|         | 930  | 14.07                    | 3.42 | 13.07    | 6.52  | 12.20    | 9.36  | 11.45    | 12.01 | 10.82    | 14.50 | 10.33    | 16.96 | 9.92     | 19.40 | 9.62     | 21.83 |
|         | 990  | 15.11                    | 3.65 | 14.11    | 6.95  | 13.24    | 9.98  | 12.49    | 12.80 | 11.87    | 15.46 | 11.36    | 18.04 | 10.96    | 20.63 | 10.67    | 23.19 |
|         | 1050 | 16.17                    | 3.88 | 15.16    | 7.38  | 14.29    | 10.60 | 13.55    | 13.61 | 12.92    | 16.42 | 12.41    | 19.15 | 12.01    | 21.86 | 11.72    | 24.54 |
|         | 1110 | 17.22                    | 4.10 | 16.21    | 7.82  | 15.35    | 11.23 | 14.60    | 14.42 | 13.97    | 17.39 | 13.46    | 20.27 | 13.07    | 23.13 | 12.77    | 25.89 |
|         | 1180 | 18.45                    | 4.37 | 17.44    | 8.32  | 16.58    | 11.97 | 15.82    | 15.35 | 15.20    | 18.52 | 14.69    | 21.57 | 14.29    | 24.57 | 13.99    | 27.47 |
|         | 1250 | 19.67                    | 4.63 | 18.66    | 8.82  | 17.79    | 12.69 | 17.04    | 16.27 | 16.42    | 19.64 | 15.91    | 22.86 | 15.51    | 26.01 | 15.22    | 29.07 |
|         | 1320 | 20.89                    | 4.89 | 19.89    | 9.34  | 19.02    | 13.43 | 18.27    | 17.21 | 17.65    | 20.77 | 17.13    | 24.15 | 16.74    | 27.43 | 16.45    | 30.67 |
|         | 1390 | 22.12                    | 5.16 | 21.12    | 9.84  | 20.25    | 14.16 | 19.50    | 18.15 | 18.88    | 21.89 | 18.36    | 25.45 | 17.96    | 28.92 | 17.68    | 32.27 |
|         | 1470 | 23.52                    | 5.46 | 22.51    | 10.42 | 21.65    | 14.99 | 20.89    | 19.21 | 20.27    | 23.17 | 19.75    | 26.92 | 19.36    | 30.58 | 19.07    | 34.08 |
|         | 1560 | 25.10                    | 5.80 | 24.09    | 11.07 | 23.22    | 15.92 | 22.47    | 20.40 | 21.85    | 24.61 | 21.34    | 28.60 | 20.94    | 32.44 | 20.64    | 36.13 |
|         | 1650 | 26.67                    | 6.14 | 25.66    | 11.71 | 24.79    | 16.85 | 24.04    | 21.60 | 23.42    | 26.04 | 22.91    | 30.25 | 22.51    | 34.30 | 22.22    | 38.19 |
|         | 1750 | 28.42                    | 6.52 | 27.42    | 12.44 | 26.55    | 17.89 | 25.80    | 22.93 | 25.17    | 27.65 | 24.67    | 32.10 | 24.27    | 36.39 | 23.98    | 40.49 |
|         | 1850 | 30.17                    | 6.90 | 29.16    | 13.15 | 28.29    | 18.92 | 27.54    | 24.26 | 26.92    | 29.24 | 26.41    | 33.93 | 26.01    | 38.45 | 25.72    | 42.76 |

| Model   | RPM   | Type RSS-150 performance |       |          |       |          |       |          |       |          |       |          |       |          |       |          |       |
|---------|-------|--------------------------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|         |       | 1000mmAq                 |       | 2000mmAq |       | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|         |       | Qs                       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-150 | 780   | 14.90                    | 3.69  | 14.14    | 7.05  | 13.44    | 10.14 | 12.81    | 12.99 | 12.24    | 15.62 | 11.71    | 18.06 | 11.29    | 20.33 | 10.86    | 22.41 |
|         | 830   | 16.00                    | 3.93  | 15.25    | 7.50  | 14.55    | 10.79 | 13.93    | 13.82 | 13.35    | 16.62 | 12.83    | 19.22 | 12.40    | 21.64 | 11.97    | 23.89 |
|         | 880   | 17.11                    | 4.17  | 16.36    | 7.97  | 15.66    | 11.45 | 15.04    | 14.67 | 14.45    | 17.64 | 13.94    | 20.39 | 13.51    | 22.97 | 13.08    | 25.35 |
|         | 930   | 18.22                    | 4.40  | 17.46    | 8.42  | 16.77    | 12.10 | 16.15    | 15.50 | 15.56    | 18.64 | 15.05    | 21.55 | 14.62    | 24.27 | 14.19    | 26.78 |
|         | 990   | 19.55                    | 4.69  | 18.79    | 8.95  | 18.10    | 12.88 | 17.48    | 16.49 | 16.89    | 19.85 | 16.38    | 22.94 | 15.95    | 25.84 | 15.52    | 28.51 |
|         | 1050  | 20.88                    | 4.97  | 20.12    | 9.50  | 19.43    | 13.66 | 18.81    | 17.49 | 18.22    | 21.04 | 17.71    | 24.33 | 17.28    | 27.40 | 16.85    | 30.24 |
|         | 1110  | 22.21                    | 5.25  | 21.45    | 10.04 | 20.76    | 14.44 | 20.14    | 18.49 | 19.55    | 22.24 | 19.04    | 25.72 | 18.61    | 28.97 | 18.18    | 31.94 |
|         | 1180  | 23.76                    | 5.59  | 23.00    | 10.67 | 22.31    | 15.36 | 21.69    | 19.66 | 21.10    | 23.65 | 20.59    | 27.36 | 20.16    | 30.81 | 19.73    | 33.98 |
|         | 1250  | 25.31                    | 5.92  | 24.55    | 11.31 | 23.86    | 16.27 | 23.24    | 20.83 | 22.65    | 25.06 | 22.14    | 28.99 | 21.71    | 32.61 | 21.28    | 36.00 |
|         | 1320  | 26.86                    | 6.26  | 26.10    | 11.94 | 25.41    | 17.18 | 24.78    | 22.00 | 24.20    | 26.47 | 23.68    | 30.62 | 23.26    | 34.33 | 22.83    | 38.02 |
|         | 1390  | 28.41                    | 6.59  | 27.65    | 12.58 | 26.96    | 18.09 | 26.33    | 23.16 | 25.75    | 27.87 | 25.23    | 32.21 | 24.81    | 36.26 | 24.38    | 40.04 |
|         | 1470  | 30.18                    | 6.96  | 29.42    | 13.30 | 28.73    | 19.13 | 28.10    | 24.49 | 27.52    | 29.47 | 27.00    | 34.06 | 26.57    | 38.35 | 26.15    | 42.34 |
|         | 1560  | 32.17                    | 7.38  | 31.41    | 14.12 | 30.72    | 20.30 | 30.09    | 26.00 | 29.51    | 31.28 | 28.99    | 36.15 | 28.56    | 40.71 | 28.14    | 44.93 |
|         | 1650  | 34.16                    | 7.81  | 33.40    | 14.94 | 32.71    | 21.46 | 32.08    | 27.51 | 31.50    | 33.06 | 30.98    | 38.25 | 30.55    | 43.07 | 30.12    | 47.53 |
|         | 1750  | 36.37                    | 8.28  | 35.61    | 15.84 | 34.92    | 22.77 | 34.29    | 29.18 | 33.71    | 35.07 | 33.19    | 40.57 | 32.76    | 45.68 | 32.33    | 50.41 |
| 1850    | 38.58 | 8.76                     | 37.82 | 16.75    | 37.12 | 24.07    | 36.49 | 30.85    | 35.92 | 37.09    | 35.39 | 42.90    | 34.97 | 48.30    | 34.54 | 53.28    |       |



# RSS PERFORMANCE TABLE

NOTE : inlet flow rate Qs=m<sup>3</sup>/min

| Model    | RPM  | Type RSS-200A performance |       |          |       |          |       |          |       |          |       |          |       |          |       |          |       |
|----------|------|---------------------------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|          |      | 1000mmAq                  |       | 2000mmAq |       | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|          |      | Qs                        | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-200A | 620  | 17.89                     | 4.94  | 16.82    | 9.52  | 15.89    | 13.73 | 15.05    | 17.59 | 14.36    | 21.19 | 13.75    | 24.56 | 13.21    | 27.67 | 12.79    | 30.55 |
|          | 660  | 19.42                     | 5.27  | 18.35    | 10.14 | 17.42    | 14.62 | 16.58    | 18.73 | 15.89    | 22.56 | 15.28    | 26.15 | 14.74    | 29.47 | 14.32    | 32.55 |
|          | 700  | 20.95                     | 5.59  | 19.87    | 10.76 | 18.94    | 15.50 | 18.10    | 19.88 | 17.41    | 23.93 | 16.80    | 27.74 | 16.26    | 31.26 | 15.84    | 34.53 |
|          | 740  | 22.47                     | 5.91  | 21.40    | 11.37 | 20.47    | 16.39 | 19.63    | 21.02 | 18.94    | 25.30 | 18.33    | 29.33 | 17.79    | 33.06 | 17.37    | 36.52 |
|          | 780  | 24.00                     | 6.23  | 22.93    | 11.99 | 22.00    | 17.28 | 21.16    | 22.17 | 20.47    | 26.67 | 19.86    | 30.92 | 19.32    | 34.86 | 18.90    | 38.52 |
|          | 830  | 25.91                     | 6.63  | 24.84    | 12.76 | 23.91    | 18.39 | 23.07    | 23.60 | 22.38    | 28.38 | 21.77    | 32.91 | 21.23    | 37.10 | 20.81    | 41.01 |
|          | 880  | 27.82                     | 7.04  | 26.75    | 13.54 | 25.82    | 19.50 | 24.98    | 25.03 | 24.29    | 30.09 | 23.68    | 34.89 | 23.14    | 39.33 | 22.72    | 43.49 |
|          | 930  | 29.73                     | 7.44  | 28.66    | 14.31 | 27.73    | 20.61 | 26.89    | 26.46 | 26.20    | 31.81 | 25.59    | 36.88 | 25.05    | 41.58 | 24.63    | 45.98 |
|          | 990  | 32.02                     | 7.92  | 30.95    | 15.24 | 30.02    | 21.95 | 29.18    | 28.18 | 28.49    | 33.86 | 27.88    | 39.26 | 27.34    | 44.27 | 26.92    | 48.95 |
|          | 1050 | 34.31                     | 8.41  | 33.24    | 16.16 | 32.31    | 23.28 | 31.47    | 29.89 | 30.78    | 35.91 | 30.17    | 41.64 | 29.63    | 46.96 | 29.21    | 51.93 |
|          | 1110 | 36.60                     | 8.90  | 35.52    | 17.10 | 34.59    | 24.62 | 33.75    | 31.62 | 33.06    | 38.02 | 32.44    | 44.07 | 31.90    | 49.70 | 31.47    | 54.85 |
|          | 1180 | 39.27                     | 9.49  | 38.19    | 18.20 | 37.26    | 26.19 | 36.42    | 33.64 | 35.73    | 40.47 | 35.11    | 46.91 | 34.57    | 52.85 | 34.14    | 58.32 |
|          | 1250 | 41.95                     | 10.07 | 40.87    | 19.30 | 39.94    | 27.76 | 39.10    | 35.65 | 38.41    | 42.93 | 37.79    | 49.74 | 37.25    | 56.00 | 36.82    | 61.81 |
|          | 1320 | 44.62                     | 10.65 | 43.54    | 20.40 | 42.61    | 29.33 | 41.77    | 37.67 | 41.08    | 45.38 | 40.46    | 52.57 | 39.92    | 59.15 | 39.49    | 65.27 |
|          | 1390 | 47.29                     | 11.23 | 46.21    | 21.50 | 45.28    | 30.90 | 44.44    | 39.68 | 43.75    | 47.83 | 43.13    | 55.36 | 42.59    | 62.29 | 42.16    | 68.74 |
|          | 1470 | 50.34                     | 11.90 | 49.26    | 22.75 | 48.33    | 32.70 | 47.49    | 41.99 | 46.80    | 50.63 | 46.18    | 58.55 | 45.64    | 65.88 | 45.21    | 72.70 |

| Model   | RPM  | Type RSS-200 performance |       |          |       |          |       |          |       |          |       |          |       |          |       |          |       |
|---------|------|--------------------------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|         |      | 1000mmAq                 |       | 2000mmAq |       | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |       | 8000mmAq |       |
|         |      | Qs                       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    |
| RSS-200 | 620  | 23.36                    | 6.36  | 21.97    | 12.26 | 20.75    | 17.67 | 19.66    | 22.64 | 18.75    | 27.27 | 17.96    | 31.62 | 17.25    | 35.69 | 16.70    | 39.59 |
|         | 660  | 25.35                    | 6.79  | 23.95    | 13.05 | 22.74    | 18.82 | 21.64    | 24.11 | 20.74    | 29.03 | 19.94    | 33.66 | 19.24    | 38.00 | 18.69    | 42.18 |
|         | 700  | 27.33                    | 7.20  | 25.92    | 13.85 | 24.70    | 19.96 | 23.61    | 25.59 | 22.71    | 30.80 | 21.91    | 35.71 | 21.21    | 40.31 | 20.66    | 44.75 |
|         | 740  | 29.29                    | 7.62  | 27.89    | 14.65 | 26.68    | 21.11 | 25.59    | 27.07 | 24.69    | 32.57 | 23.89    | 37.76 | 23.19    | 42.63 | 22.64    | 47.34 |
|         | 780  | 31.26                    | 8.04  | 29.87    | 15.45 | 28.66    | 22.25 | 27.56    | 28.54 | 26.66    | 34.34 | 25.87    | 39.81 | 25.17    | 44.94 | 24.62    | 49.92 |
|         | 830  | 33.72                    | 8.56  | 32.33    | 16.45 | 31.12    | 23.69 | 30.03    | 30.39 | 29.13    | 36.54 | 28.34    | 42.36 | 27.63    | 47.82 | 27.09    | 53.14 |
|         | 880  | 36.18                    | 9.09  | 34.79    | 17.45 | 33.58    | 25.13 | 32.49    | 32.23 | 31.59    | 38.75 | 30.80    | 44.92 | 30.09    | 50.70 | 29.55    | 56.37 |
|         | 930  | 38.63                    | 9.61  | 37.24    | 18.47 | 36.03    | 26.56 | 34.94    | 34.08 | 34.05    | 40.96 | 33.25    | 47.48 | 32.55    | 53.60 | 32.01    | 59.59 |
|         | 990  | 41.57                    | 10.24 | 40.18    | 19.64 | 38.97    | 28.27 | 37.88    | 36.29 | 36.99    | 43.60 | 36.19    | 50.55 | 35.49    | 57.06 | 34.95    | 63.46 |
|         | 1050 | 44.50                    | 10.86 | 43.11    | 20.84 | 41.90    | 30.00 | 40.82    | 38.50 | 39.92    | 46.25 | 39.13    | 53.61 | 38.43    | 60.52 | 37.88    | 67.33 |
|         | 1110 | 47.42                    | 11.51 | 46.02    | 22.06 | 44.82    | 31.73 | 43.73    | 40.73 | 42.84    | 48.96 | 42.03    | 56.74 | 41.33    | 64.06 | 40.78    | 71.08 |
|         | 1180 | 50.82                    | 12.26 | 49.43    | 23.47 | 48.22    | 33.75 | 47.14    | 43.33 | 46.24    | 52.12 | 45.44    | 60.39 | 44.74    | 68.17 | 44.18    | 75.49 |
|         | 1250 | 54.23                    | 13.01 | 52.83    | 24.89 | 51.63    | 35.78 | 50.55    | 45.92 | 49.65    | 55.28 | 48.85    | 64.04 | 48.16    | 72.28 | 47.60    | 79.90 |
|         | 1320 | 57.62                    | 13.76 | 56.22    | 26.31 | 55.02    | 37.80 | 53.94    | 48.52 | 53.05    | 58.43 | 52.25    | 67.69 | 51.55    | 76.38 | 50.99    | 84.28 |
|         | 1390 | 61.00                    | 14.52 | 59.60    | 27.73 | 58.40    | 39.82 | 57.32    | 51.12 | 56.43    | 61.59 | 55.63    | 71.33 | 54.93    | 80.35 | 54.38    | 88.67 |
|         | 1470 | 64.84                    | 15.37 | 63.45    | 29.34 | 62.26    | 42.13 | 61.17    | 54.08 | 60.28    | 64.95 | 59.49    | 75.41 | 58.79    | 84.86 | 58.24    | 93.65 |

| Model   | RPM  | Type RSS-250 performance |       |          |       |          |       |          |       |          |       |          |       |          |        |          |        |
|---------|------|--------------------------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|--------|
|         |      | 1000mmAq                 |       | 2000mmAq |       | 3000mmAq |       | 4000mmAq |       | 5000mmAq |       | 6000mmAq |       | 7000mmAq |        | 8000mmAq |        |
|         |      | Qs                       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw    | Qs       | kw     | Qs       | kw     |
| RSS-250 | 620  | 32.49                    | 8.21  | 30.56    | 15.92 | 28.86    | 23.01 | 27.35    | 29.49 | 26.08    | 35.58 | 24.98    | 41.09 | 23.99    | 46.18  | 23.23    | 51.11  |
|         | 660  | 35.24                    | 8.78  | 33.29    | 16.97 | 31.61    | 24.52 | 30.08    | 31.45 | 28.83    | 37.91 | 27.72    | 44.07 | 26.74    | 49.56  | 25.98    | 54.85  |
|         | 700  | 37.96                    | 9.33  | 36.00    | 18.03 | 34.31    | 26.03 | 32.79    | 33.41 | 31.54    | 40.24 | 30.43    | 46.79 | 29.46    | 52.86  | 28.70    | 58.50  |
|         | 740  | 40.65                    | 9.89  | 38.71    | 19.08 | 37.03    | 27.55 | 35.52    | 35.36 | 34.27    | 42.57 | 33.16    | 49.49 | 32.19    | 56.04  | 31.42    | 62.14  |
|         | 780  | 43.36                    | 10.45 | 41.43    | 20.14 | 39.75    | 29.05 | 38.23    | 37.32 | 36.98    | 44.90 | 35.88    | 52.20 | 34.91    | 59.10  | 34.15    | 65.77  |
|         | 830  | 46.74                    | 11.15 | 44.81    | 21.46 | 43.13    | 30.94 | 41.62    | 39.75 | 40.37    | 47.79 | 39.28    | 55.58 | 38.30    | 62.91  | 37.55    | 70.27  |
|         | 880  | 50.11                    | 11.84 | 48.18    | 22.77 | 46.51    | 32.82 | 45.00    | 42.19 | 43.75    | 50.70 | 42.66    | 58.95 | 41.67    | 66.72  | 40.93    | 74.70  |
|         | 930  | 53.46                    | 12.53 | 51.54    | 24.09 | 49.87    | 34.71 | 48.36    | 44.63 | 47.13    | 53.61 | 46.02    | 62.32 | 45.05    | 70.55  | 44.30    | 79.02  |
|         | 990  | 57.49                    | 13.36 | 55.57    | 25.66 | 53.90    | 36.96 | 52.39    | 47.56 | 51.16    | 57.08 | 50.05    | 66.37 | 49.08    | 75.13  | 48.34    | 84.19  |
|         | 1050 | 61.50                    | 14.18 | 59.58    | 27.24 | 57.91    | 39.23 | 56.41    | 50.49 | 55.17    | 60.57 | 54.08    | 70.41 | 53.11    | 79.71  | 52.35    | 89.37  |
|         | 1110 | 65.49                    | 15.07 | 63.55    | 28.86 | 61.90    | 41.53 | 60.39    | 53.46 | 59.16    | 64.22 | 58.04    | 74.62 | 57.08    | 84.47  | 56.32    | 94.56  |
|         | 1180 | 70.13                    | 16.10 | 68.21    | 30.77 | 66.54    | 44.21 | 65.05    | 56.91 | 63.81    | 68.46 | 62.71    | 79.53 | 61.74    | 90.01  | 60.97    | 100.60 |
|         | 1250 | 74.78                    | 17.12 | 72.85    | 32.66 | 71.20    | 46.90 | 69.71    | 60.37 | 68.47    | 72.72 | 67.36    | 84.43 | 66.41    | 95.56  | 65.64    | 106.66 |
|         | 1320 | 79.40                    | 18.15 | 77.47    | 34.57 | 75.82    | 49.60 | 74.33    | 63.83 | 73.10    | 76.98 | 72.00    | 89.33 | 71.04    | 101.12 | 70.26    | 112.73 |
|         | 1390 | 84.00                    | 19.18 | 82.07    | 36.48 | 80.42    | 52.29 | 78.93    | 67.28 | 77.70    | 81.23 | 76.60    | 94.25 | 75.64    | 106.68 | 74.88    | 118.79 |
|         | 1470 | 89.22                    | 20.35 | 87.31    | 38.65 | 85.67    | 55.36 | 84.17    | 71.24 | 82.95    | 85.42 | 81.86    | 99.86 | 80.90    | 113.03 | 80.14    | 125.72 |

| Model    | RPM    | Type RSS-300A performance |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |
|----------|--------|---------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|          |        | 1000mmAq                  |        | 2000mmAq |        | 3000mmAq |        | 4000mmAq |        | 5000mmAq |        | 6000mmAq |        | 7000mmAq |        | 8000mmAq |        |
|          |        | Qs                        | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |
| RSS-300A | 620    | 44.38                     | 11.65  | 41.65    | 22.23  | 39.45    | 31.81  | 37.63    | 40.75  | 35.97    | 49.00  | 34.49    | 56.66  | 33.18    | 63.77  | 32.04    | 70.38  |
|          | 660    | 48.01                     | 12.40  | 45.36    | 23.75  | 43.12    | 33.99  | 41.29    | 43.54  | 39.54    | 52.25  | 38.15    | 60.56  | 36.84    | 68.17  | 35.71    | 75.27  |
|          | 700    | 51.70                     | 13.16  | 49.03    | 25.20  | 46.81    | 36.19  | 44.99    | 46.37  | 43.33    | 55.78  | 41.85    | 64.50  | 40.54    | 72.62  | 39.40    | 80.17  |
|          | 740    | 55.34                     | 13.91  | 52.70    | 26.63  | 50.50    | 38.30  | 48.67    | 49.05  | 47.01    | 58.98  | 45.53    | 68.21  | 44.22    | 76.87  | 43.09    | 84.83  |
|          | 780    | 59.01                     | 14.67  | 56.39    | 28.08  | 54.19    | 40.37  | 52.36    | 51.71  | 50.70    | 62.17  | 49.22    | 71.89  | 47.91    | 81.02  | 46.78    | 89.41  |
|          | 830    | 63.58                     | 15.60  | 60.96    | 29.88  | 58.75    | 42.96  | 56.91    | 55.02  | 55.26    | 66.16  | 53.78    | 76.50  | 52.47    | 86.22  | 51.34    | 95.15  |
|          | 880    | 68.14                     | 16.54  | 65.51    | 31.67  | 63.31    | 45.55  | 61.47    | 58.35  | 59.82    | 70.14  | 58.33    | 81.11  | 57.03    | 91.41  | 55.90    | 100.89 |
|          | 930    | 72.66                     | 17.49  | 70.05    | 33.48  | 67.85    | 48.14  | 66.01    | 61.66  | 64.36    | 74.13  | 62.87    | 85.72  | 61.57    | 96.51  | 60.44    | 106.63 |
|          | 990    | 78.09                     | 18.61  | 75.48    | 35.63  | 73.24    | 51.24  | 71.40    | 65.64  | 69.75    | 78.92  | 68.26    | 91.25  | 66.96    | 102.84 | 65.83    | 113.52 |
|          | 1050   | 83.49                     | 19.74  | 80.89    | 37.79  | 78.62    | 54.35  | 76.79    | 69.63  | 75.13    | 83.70  | 73.65    | 96.79  | 72.33    | 109.07 | 71.20    | 120.40 |
|          | 1110   | 88.86                     | 20.88  | 86.23    | 39.95  | 83.99    | 57.46  | 82.13    | 73.60  | 80.47    | 88.50  | 79.00    | 102.33 | 77.68    | 115.31 | 76.55    | 127.30 |
|          | 1180   | 95.10                     | 22.20  | 92.49    | 42.48  | 90.21    | 61.09  | 88.33    | 78.26  | 86.67    | 94.10  | 85.19    | 108.80 | 83.88    | 122.60 | 82.75    | 135.36 |
|          | 1250   | 101.34                    | 23.52  | 98.72    | 45.01  | 96.41    | 64.72  | 94.53    | 82.90  | 92.87    | 99.70  | 91.39    | 115.28 | 90.08    | 129.89 | 88.95    | 143.40 |
|          | 1320   | 107.53                    | 24.84  | 104.91   | 47.53  | 102.61   | 68.35  | 100.73   | 87.55  | 99.07    | 105.30 | 97.59    | 121.76 | 96.28    | 137.17 | 95.15    | 151.46 |
|          | 1390   | 113.68                    | 26.17  | 111.07   | 50.06  | 108.80   | 71.98  | 106.88   | 92.20  | 105.26   | 110.89 | 103.78   | 128.23 | 102.37   | 144.45 | 101.34   | 159.51 |
| 1470     | 120.66 | 27.68                     | 118.08 | 52.95    | 115.79 | 76.13    | 113.83 | 97.51    | 112.18 | 117.29   | 110.71 | 135.63   | 109.41 | 152.78   | 108.38 | 168.71   |        |



## RSS PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = m^3/min$

| Model   | RPM  | Type RSS-300 performance |       |          |       |          |        |          |        |          |        |          |        |          |        |          |        |
|---------|------|--------------------------|-------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |      | 1000mmAq                 |       | 2000mmAq |       | 3000mmAq |        | 4000mmAq |        | 5000mmAq |        | 6000mmAq |        | 7000mmAq |        | 8000mmAq |        |
|         |      | Qs                       | kw    | Qs       | kw    | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |
| RSS-300 | 600  | 72.16                    | 16.96 | 69.33    | 30.43 | 67.10    | 43.80  | 64.99    | 57.52  | 63.17    | 70.07  | 61.59    | 84.13  | 60.01    | 95.88  | 58.42    | 109.07 |
|         | 700  | 85.55                    | 19.78 | 82.72    | 35.49 | 80.49    | 51.09  | 78.38    | 67.09  | 76.56    | 81.74  | 74.98    | 98.11  | 73.40    | 111.82 | 71.81    | 127.38 |
|         | 800  | 98.94                    | 22.60 | 96.11    | 40.56 | 93.88    | 58.38  | 91.77    | 76.69  | 89.95    | 94.00  | 88.37    | 112.10 | 86.79    | 127.76 | 85.20    | 144.79 |
|         | 900  | 112.33                   | 25.42 | 109.50   | 45.62 | 107.27   | 65.65  | 105.16   | 86.22  | 103.34   | 105.50 | 101.76   | 126.08 | 100.18   | 143.70 | 98.59    | 163.73 |
|         | 1000 | 125.72                   | 28.24 | 122.89   | 50.69 | 120.66   | 72.93  | 118.55   | 95.82  | 116.73   | 116.70 | 115.15   | 140.12 | 113.57   | 159.69 | 111.98   | 180.87 |
|         | 1100 | 139.05                   | 31.06 | 136.28   | 55.76 | 134.05   | 80.22  | 131.94   | 105.36 | 130.12   | 128.37 | 128.54   | 153.87 | 126.95   | 175.63 | 125.37   | 198.18 |
|         | 1200 | 152.44                   | 33.89 | 149.67   | 60.83 | 147.44   | 87.51  | 145.32   | 114.96 | 143.51   | 140.04 | 141.93   | 168.08 | 140.34   | 191.57 | 138.76   | 215.37 |
|         | 1300 | 165.82                   | 36.71 | 163.06   | 65.89 | 160.83   | 94.79  | 158.71   | 124.53 | 156.90   | 151.70 | 155.32   | 182.08 | 153.73   | 207.51 | 152.15   | 232.61 |
|         | 1400 | 179.20                   | 39.53 | 176.45   | 70.96 | 174.22   | 102.08 | 172.10   | 134.11 | 170.29   | 163.36 | 168.71   | 196.07 | 167.12   | 223.46 | 165.54   | 250.12 |

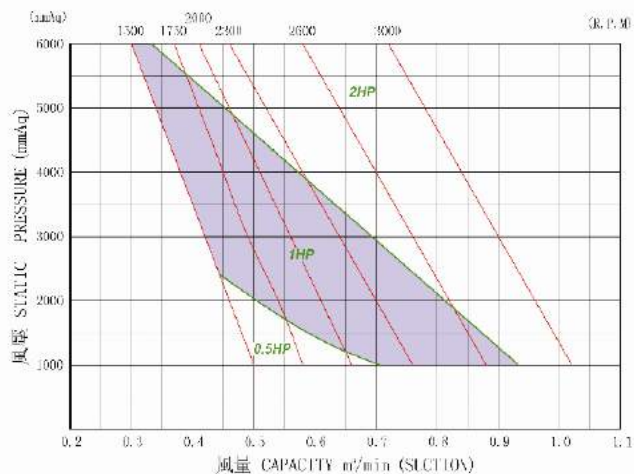
| Model   | RPM  | Type RSS-350 performance |       |          |        |          |        |          |        |          |        |          |        |          |        |          |        |
|---------|------|--------------------------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |      | 1000mmAq                 |       | 2000mmAq |        | 3000mmAq |        | 4000mmAq |        | 5000mmAq |        | 6000mmAq |        | 7000mmAq |        | 8000mmAq |        |
|         |      | Qs                       | kw    | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |
| RSS-350 | 600  | 113.86                   | 26.45 | 109.57   | 47.50  | 106.22   | 67.72  | 103.06   | 89.11  | 100.36   | 109.17 | 98.03    | 130.69 | 95.70    | 149.35 | 93.38    | 173.50 |
|         | 700  | 134.90                   | 30.88 | 130.61   | 55.39  | 127.26   | 79.11  | 124.10   | 104.02 | 121.40   | 127.51 | 119.07   | 152.57 | 116.74   | 174.40 | 114.41   | 202.64 |
|         | 800  | 155.94                   | 35.31 | 151.65   | 63.30  | 148.30   | 91.17  | 145.14   | 118.96 | 142.44   | 145.75 | 140.11   | 174.47 | 137.78   | 199.45 | 135.45   | 232.32 |
|         | 900  | 176.97                   | 39.74 | 172.69   | 73.20  | 169.34   | 102.05 | 166.18   | 133.82 | 163.48   | 164.10 | 161.15   | 196.35 | 158.82   | 224.49 | 156.49   | 260.83 |
|         | 1000 | 198.01                   | 44.17 | 193.73   | 79.10  | 190.38   | 114.04 | 187.22   | 148.76 | 184.52   | 182.44 | 182.19   | 218.28 | 179.86   | 249.62 | 177.53   | 289.96 |
|         | 1100 | 218.96                   | 48.60 | 214.77   | 87.00  | 211.42   | 125.49 | 208.26   | 163.66 | 205.56   | 200.78 | 203.23   | 239.98 | 200.90   | 274.67 | 198.57   | 318.90 |
|         | 1200 | 240.00                   | 53.00 | 235.81   | 94.90  | 232.46   | 136.95 | 229.29   | 178.60 | 226.59   | 219.14 | 224.27   | 262.05 | 221.94   | 299.72 | 219.61   | 347.60 |
|         | 1300 | 261.02                   | 57.40 | 256.85   | 102.80 | 253.50   | 148.39 | 250.33   | 193.47 | 247.63   | 237.44 | 245.31   | 283.95 | 242.98   | 324.77 | 240.65   | 376.30 |
|         | 1400 | 282.05                   | 61.80 | 277.89   | 110.70 | 274.54   | 159.85 | 271.37   | 208.40 | 268.67   | 255.77 | 266.35   | 305.84 | 264.02   | 349.83 | 261.69   | 405.00 |

| Model   | RPM  | Type RSS-400 performance |       |          |        |          |        |          |        |          |        |          |        |          |        |          |        |
|---------|------|--------------------------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |      | 1000mmAq                 |       | 2000mmAq |        | 3000mmAq |        | 4000mmAq |        | 5000mmAq |        | 6000mmAq |        | 7000mmAq |        | 8000mmAq |        |
|         |      | Qs                       | kw    | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |
| RSS-400 | 600  | 132.68                   | 30.77 | 127.69   | 55.24  | 123.78   | 79.50  | 120.09   | 104.41 | 116.95   | 127.18 | 114.23   | 152.71 | 111.52   | 174.03 | 109.13   | 202.14 |
|         | 700  | 157.19                   | 35.90 | 152.20   | 64.44  | 148.30   | 92.76  | 144.61   | 121.80 | 141.46   | 148.40 | 138.75   | 178.12 | 136.04   | 203.00 | 133.64   | 235.85 |
|         | 800  | 181.71                   | 41.03 | 176.72   | 73.65  | 172.82   | 106.00 | 169.13   | 139.25 | 165.98   | 169.51 | 163.27   | 203.54 | 160.56   | 231.97 | 158.16   | 269.45 |
|         | 900  | 206.23                   | 46.16 | 201.24   | 86.09  | 197.33   | 119.22 | 193.64   | 156.58 | 190.50   | 190.72 | 187.79   | 228.95 | 185.07   | 260.94 | 182.68   | 303.15 |
|         | 1000 | 230.75                   | 51.28 | 225.76   | 92.07  | 221.85   | 132.46 | 218.16   | 174.03 | 215.02   | 211.94 | 212.30   | 254.48 | 209.59   | 290.01 | 207.20   | 336.86 |
|         | 1100 | 255.15                   | 56.41 | 250.27   | 101.27 | 246.37   | 145.71 | 242.68   | 191.37 | 239.53   | 233.15 | 236.82   | 279.46 | 234.11   | 318.98 | 231.72   | 370.57 |
|         | 1200 | 279.67                   | 61.55 | 274.79   | 110.49 | 270.88   | 158.95 | 267.20   | 208.81 | 264.05   | 254.37 | 261.34   | 305.31 | 258.63   | 347.95 | 256.24   | 404.28 |

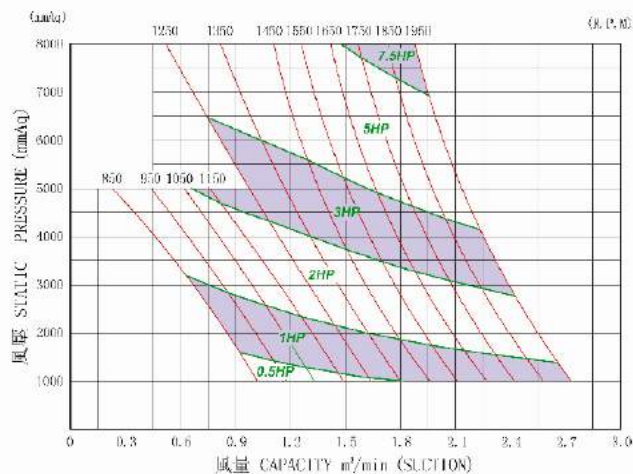


# RSS PERFORMANCE CHART

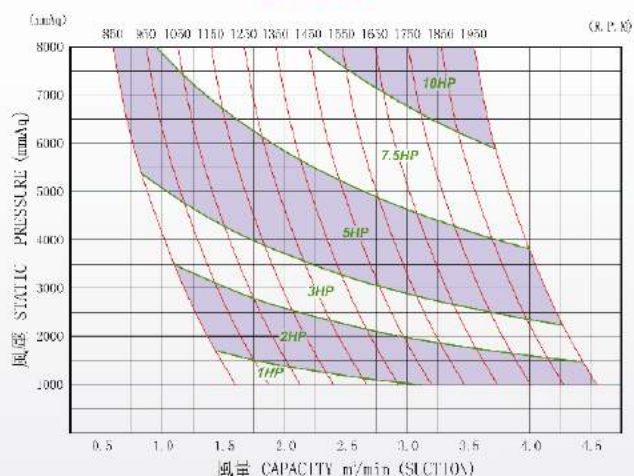
## RSS-32



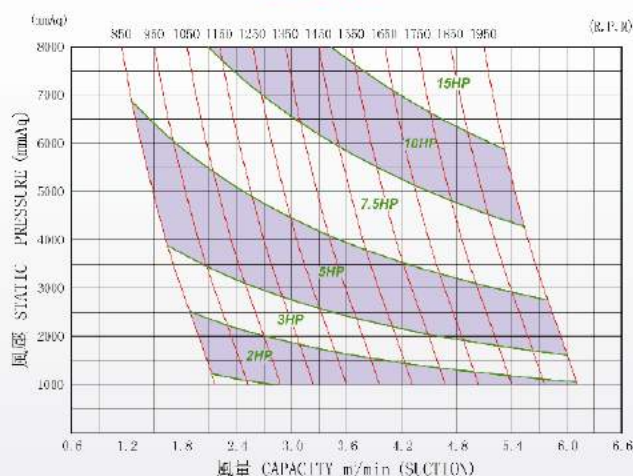
## RSS-40



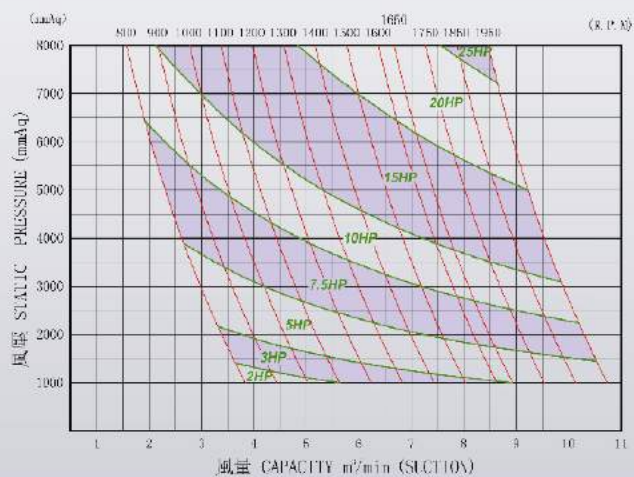
## RSS-50



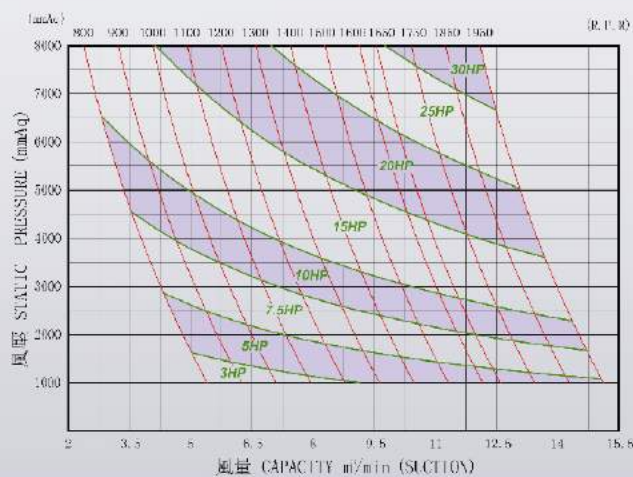
## RSS-65



## RSS-80



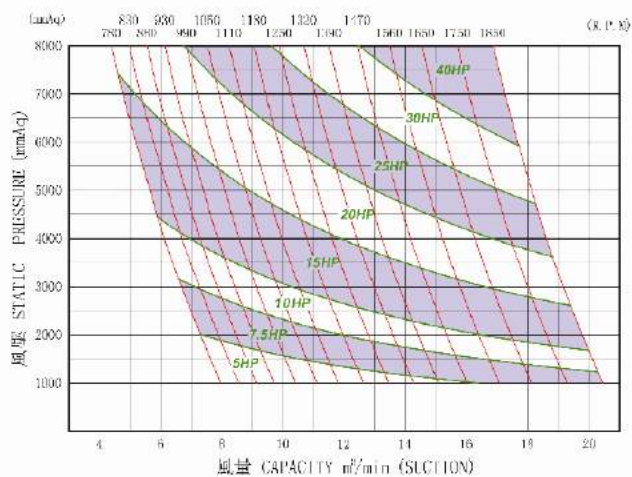
## RSS-100



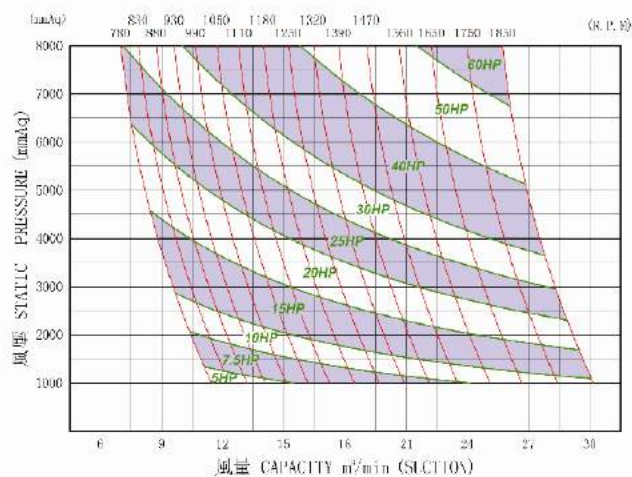


# RSS PERFORMANCE CHART

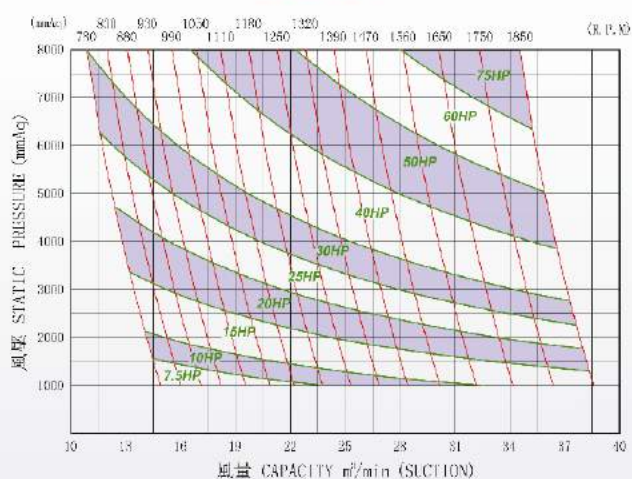
## RSS-125A



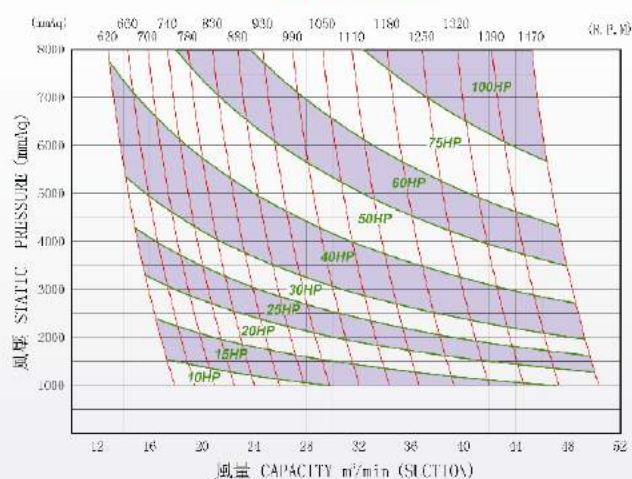
## RSS-125



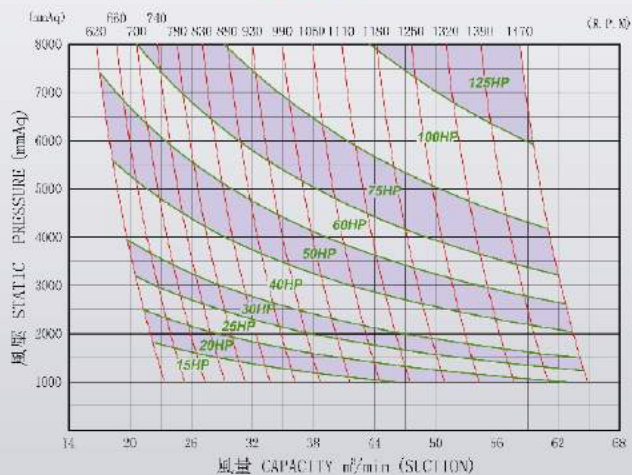
## RSS-150



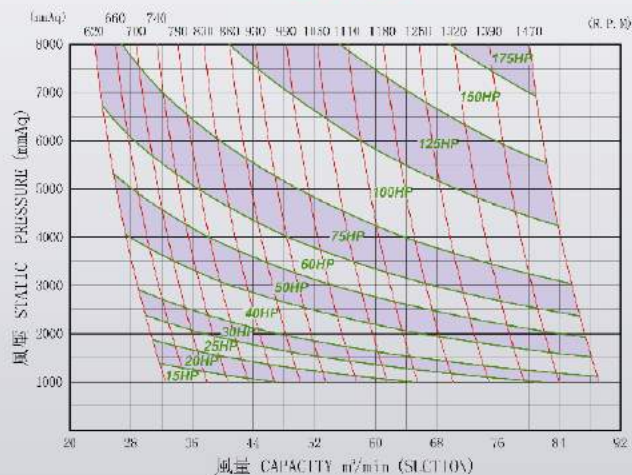
## RSS-200A



## RSS-200



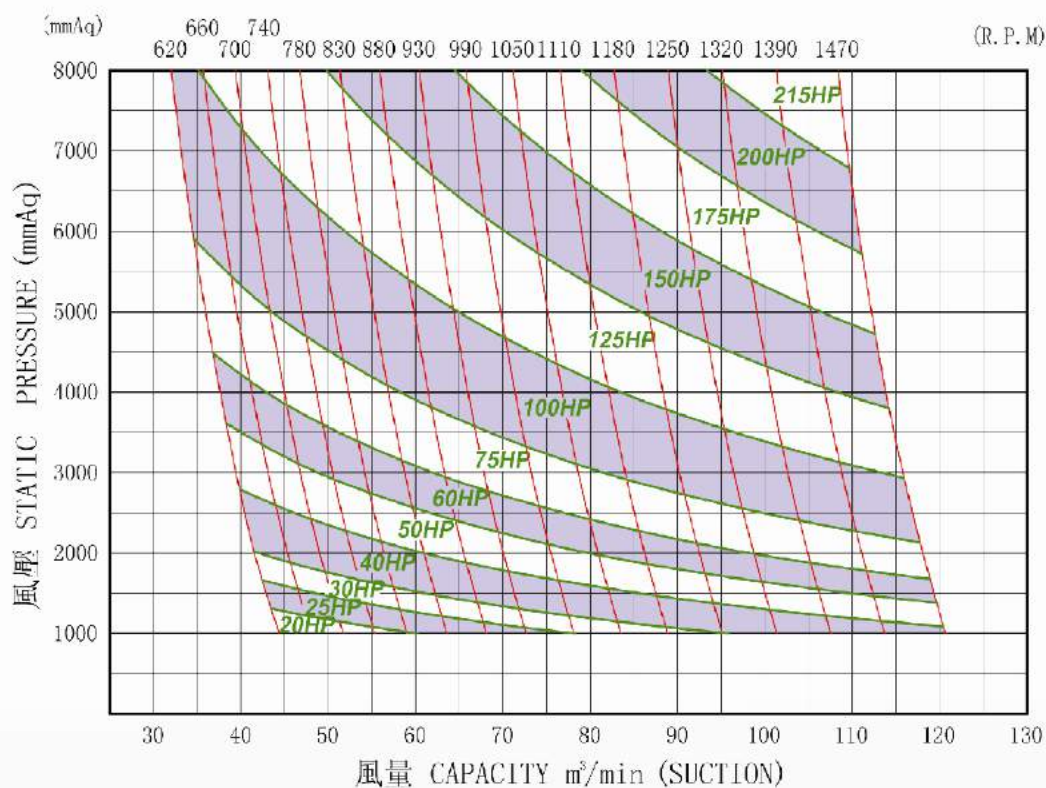
## RSS-250



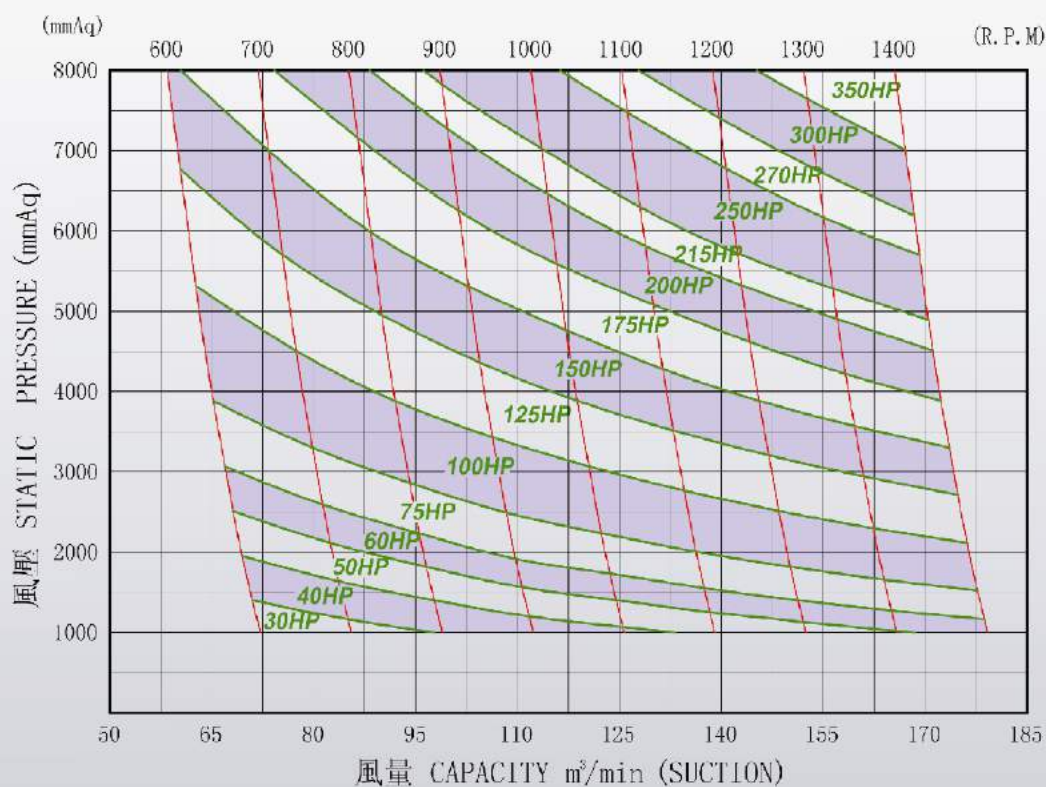


# RSS PERFORMANCE CHART

## RSS-300A



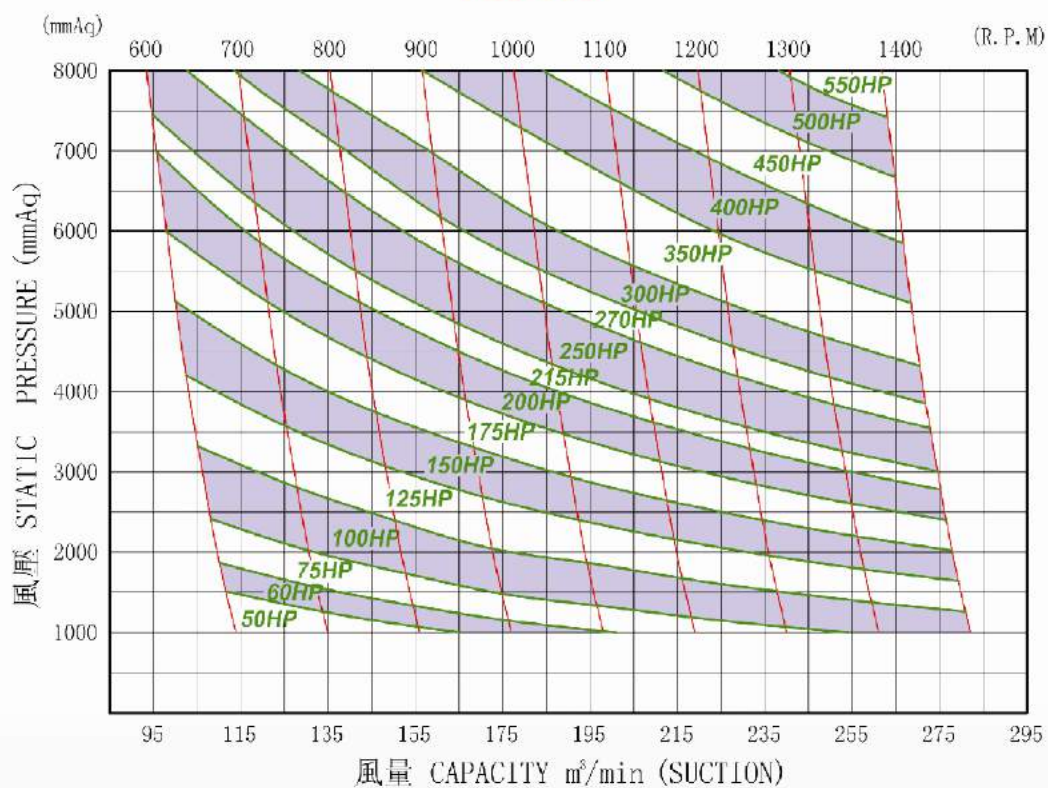
## RSS-300



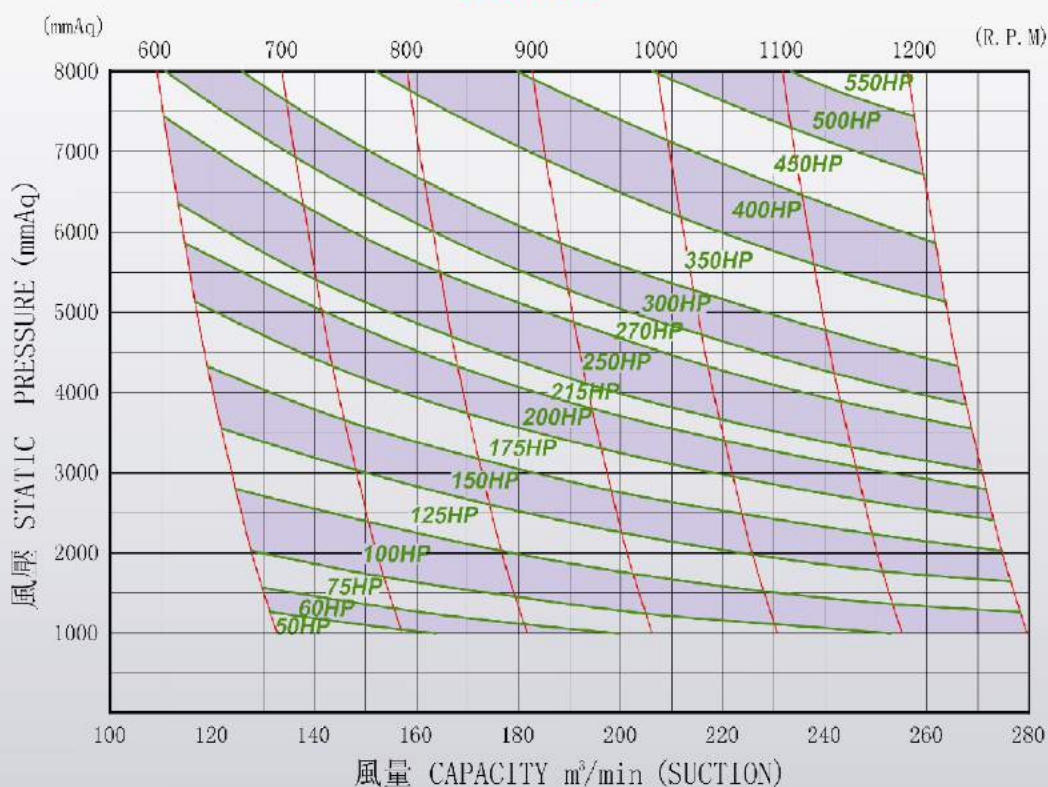


# RSS PERFORMANCE CHART

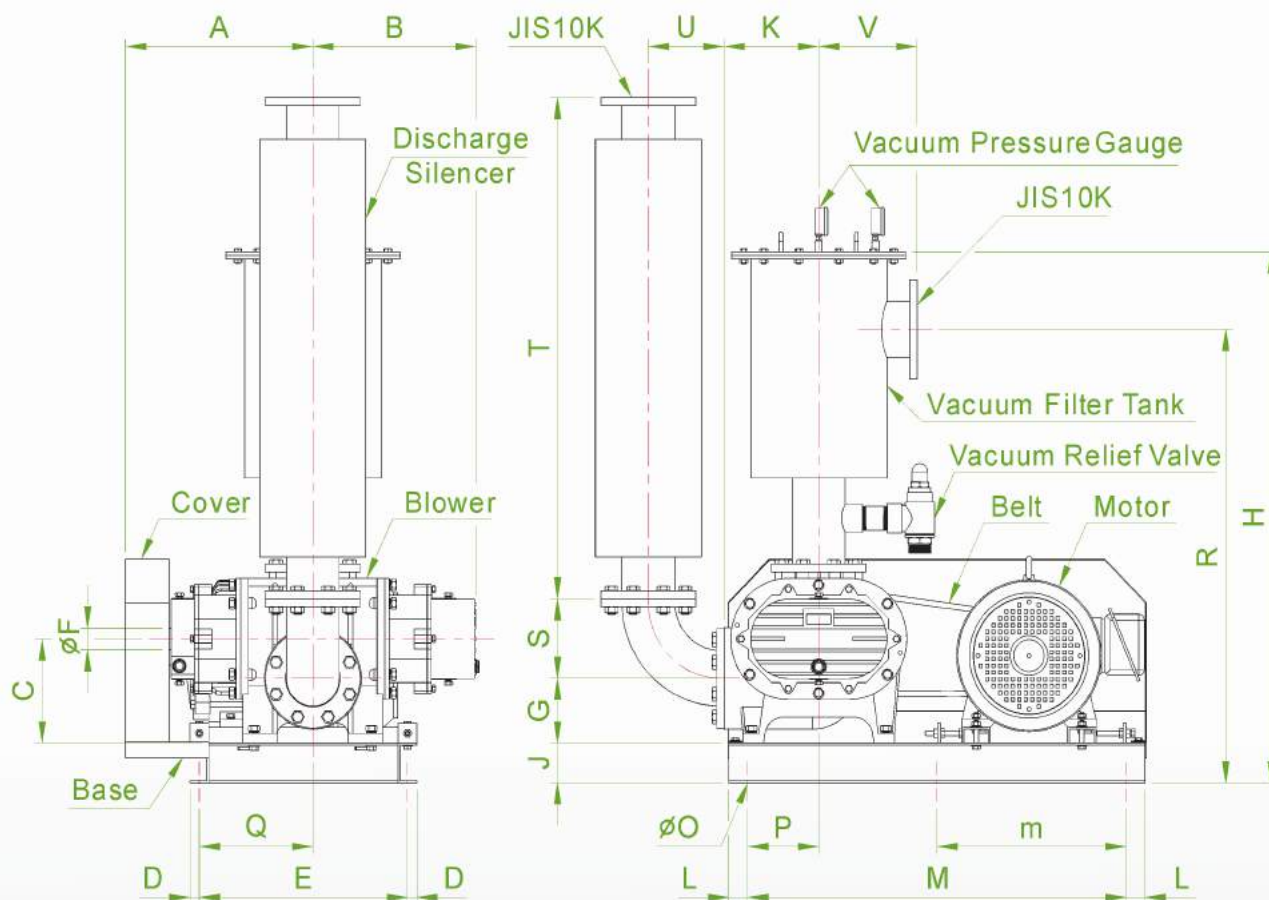
## RSS-350



## RSS 400



## RSV OVERALL DIMENSION



| Model    | A    | B   | C   | D    | E    | $\phi F$ | G   | H    | J   | K   | L    | M    | m    | $\phi O$ | P   | Q   | R    | S   | T    | U   | V   |
|----------|------|-----|-----|------|------|----------|-----|------|-----|-----|------|------|------|----------|-----|-----|------|-----|------|-----|-----|
| RSV-40   | 235  | 202 | 180 | 20   | 350  | 28       | 104 | 988  | 46  | 140 | 50   | 500  | -    | 14       | 98  | 255 | 790  | 82  | 589  | 121 | 202 |
| RSV-50   | 274  | 242 | 191 | 50   | 350  | 28       | 104 | 1024 | 75  | 140 | 37.5 | 795  | -    | 12.7     | 208 | 209 | 826  | 82  | 589  | 121 | 202 |
| RSV-65   | 303  | 272 | 194 | 50   | 350  | 28       | 104 | 1027 | 75  | 152 | 37.5 | 795  | -    | 12.7     | 208 | 238 | 829  | 105 | 589  | 105 | 202 |
| RSV-80   | 371  | 297 | 212 | 50   | 450  | 38       | 107 | 1293 | 75  | 180 | 37.5 | 945  | -    | 12.7     | 228 | 291 | 1029 | 121 | 789  | 121 | 202 |
| RSV-100  | 421  | 347 | 217 | 50   | 450  | 38       | 112 | 1304 | 75  | 180 | 37.5 | 945  | -    | 12.7     | 228 | 341 | 1040 | 162 | 789  | 162 | 202 |
| RSV-125A | 435  | 371 | 262 | 25   | 550  | 48       | 135 | 1335 | 100 | 250 | 100  | 900  | -    | 19       | 133 | 240 | 1140 | 200 | 1260 | 200 | 260 |
| RSV-125  | 495  | 431 | 262 | 25   | 550  | 48       | 163 | 1335 | 100 | 250 | 100  | 900  | -    | 19       | 138 | 300 | 1140 | 200 | 1260 | 200 | 260 |
| RSV-150  | 536  | 486 | 289 | 25   | 550  | 48       | 163 | 1478 | 100 | 250 | 100  | 900  | -    | 19       | 138 | 341 | 1243 | 239 | 1260 | 239 | 260 |
| RSV-200A | 560  | 498 | 402 | 32.5 | 935  | 65       | 198 | 1830 | 125 | 360 | 100  | 1300 | 650  | 20       | 313 | 352 | 1525 | 315 | 1640 | 315 | 310 |
| RSV-200  | 610  | 548 | 402 | 32.5 | 935  | 65       | 198 | 1830 | 125 | 350 | 100  | 1300 | 650  | 20       | 313 | 403 | 1525 | 315 | 1640 | 315 | 310 |
| RSV-250  | 685  | 623 | 435 | 32.5 | 935  | 65       | 218 | 1985 | 125 | 360 | 100  | 1300 | 650  | 20       | 313 | 478 | 1685 | 391 | 1760 | 391 | 310 |
| RSV-300A | 800  | 723 | 435 | 37.5 | 925  | 75       | 255 | 2175 | 150 | 360 | 235  | 1530 | 765  | 24       | 273 | 523 | 1825 | 465 | 1750 | 465 | 405 |
| RSV-300  | 780  | 607 | 550 | 45   | 1010 | 95       | 300 | 2480 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 400 | 2130 | 465 | 1850 | 465 | 405 |
| RSV-350  | 940  | 767 | 550 | 45   | 1110 | 95       | 300 | 2680 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 560 | 2280 | 542 | 2500 | 542 | 455 |
| RSV-400  | 1020 | 837 | 550 | 45   | 1110 | 95       | 300 | 2880 | 250 | 510 | 235  | 2000 | 1000 | 33       | 325 | 670 | 2380 | 620 | 2700 | 620 | 455 |



# RSV PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s=m^3/min$

| Model  | RPM  | Type RSV-40 performance |      |           |      |           |      |           |      |           |      |           |      |
|--------|------|-------------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|        |      | -1000mmAq               |      | -2000mmAq |      | -3000mmAq |      | -4000mmAq |      | -5000mmAq |      | -6000mmAq |      |
|        |      | Qs                      | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   |
| RSV-40 | 1050 | 1.32                    | 0.29 | 1.14      | 0.58 | 0.93      | 0.87 | 0.67      | 1.16 |           |      |           |      |
|        | 1150 | 1.48                    | 0.32 | 1.30      | 0.64 | 1.08      | 0.95 | 0.81      | 1.27 |           |      |           |      |
|        | 1250 | 1.63                    | 0.35 | 1.45      | 0.69 | 1.24      | 1.04 | 1.00      | 1.38 |           |      |           |      |
|        | 1350 | 1.79                    | 0.37 | 1.60      | 0.75 | 1.40      | 1.12 | 1.17      | 1.49 |           |      |           |      |
|        | 1450 | 1.95                    | 0.40 | 1.75      | 0.80 | 1.55      | 1.20 | 1.33      | 1.60 | 1.08      | 2.00 | 0.80      | 2.40 |
|        | 1550 | 2.10                    | 0.43 | 1.91      | 0.86 | 1.71      | 1.29 | 1.49      | 1.71 | 1.24      | 2.14 | 0.95      | 2.57 |
|        | 1650 | 2.26                    | 0.46 | 2.06      | 0.91 | 1.86      | 1.37 | 1.64      | 1.82 | 1.39      | 2.28 | 1.11      | 2.74 |
|        | 1750 | 2.41                    | 0.48 | 2.22      | 0.97 | 2.02      | 1.45 | 1.80      | 1.93 | 1.55      | 2.42 | 1.26      | 2.90 |
|        | 1850 | 2.57                    | 0.51 | 2.37      | 1.02 | 2.17      | 1.53 | 1.95      | 2.05 | 1.70      | 2.56 | 1.42      | 3.07 |
|        | 1950 | 2.72                    | 0.54 | 2.53      | 1.08 | 2.33      | 1.62 | 2.11      | 2.16 | 1.86      | 2.70 | 1.57      | 3.23 |

| Model  | RPM  | Type RSV-50 performance |      |           |      |           |      |           |      |           |      |           |      |
|--------|------|-------------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|        |      | -1000mmAq               |      | -2000mmAq |      | -3000mmAq |      | -4000mmAq |      | -5000mmAq |      | -6000mmAq |      |
|        |      | Qs                      | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   |
| RSV-50 | 1050 | 2.13                    | 0.55 | 1.88      | 1.08 | 1.64      | 1.60 | 1.39      | 2.10 | 1.11      | 2.59 | 0.79      | 3.06 |
|        | 1150 | 2.40                    | 0.60 | 2.15      | 1.19 | 1.91      | 1.75 | 1.66      | 2.30 | 1.38      | 2.84 | 1.06      | 3.36 |
|        | 1250 | 2.67                    | 0.66 | 2.42      | 1.29 | 2.18      | 1.90 | 1.93      | 2.50 | 1.65      | 3.08 | 1.33      | 3.65 |
|        | 1350 | 2.93                    | 0.71 | 2.68      | 1.39 | 2.44      | 2.06 | 2.19      | 2.70 | 1.91      | 3.33 | 1.59      | 3.94 |
|        | 1450 | 3.20                    | 0.76 | 2.95      | 1.50 | 2.71      | 2.21 | 2.46      | 2.90 | 2.18      | 3.57 | 1.86      | 4.23 |
|        | 1550 | 3.47                    | 0.81 | 3.22      | 1.60 | 2.98      | 2.36 | 2.73      | 3.10 | 2.45      | 3.82 | 2.13      | 4.52 |
|        | 1650 | 3.74                    | 0.86 | 3.49      | 1.70 | 3.25      | 2.51 | 3.00      | 3.30 | 2.72      | 4.07 | 2.40      | 4.82 |
|        | 1750 | 4.01                    | 0.91 | 3.76      | 1.80 | 3.52      | 2.66 | 3.27      | 3.50 | 2.99      | 4.31 | 2.67      | 5.11 |
|        | 1850 | 4.28                    | 0.97 | 4.03      | 1.91 | 3.79      | 2.82 | 3.54      | 3.70 | 3.26      | 4.56 | 2.94      | 5.40 |
|        | 1950 | 4.55                    | 1.02 | 4.30      | 2.01 | 4.06      | 2.97 | 3.81      | 3.90 | 3.53      | 4.80 | 3.21      | 5.69 |

| Model  | RPM  | Type RSV-65 performance |      |           |      |           |      |           |      |           |      |           |      |
|--------|------|-------------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|        |      | -1000mmAq               |      | -2000mmAq |      | -3000mmAq |      | -4000mmAq |      | -5000mmAq |      | -6000mmAq |      |
|        |      | Qs                      | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   |
| RSV-65 | 1050 | 2.87                    | 0.75 | 2.67      | 1.48 | 2.42      | 2.17 | 2.14      | 2.84 | 1.83      | 3.47 | 1.46      | 4.09 |
|        | 1150 | 3.23                    | 0.83 | 3.03      | 1.62 | 2.78      | 2.37 | 2.50      | 3.10 | 2.19      | 3.80 | 1.82      | 4.48 |
|        | 1250 | 3.59                    | 0.90 | 3.39      | 1.77 | 3.14      | 2.58 | 2.86      | 3.38 | 2.55      | 4.13 | 2.18      | 4.87 |
|        | 1350 | 3.95                    | 0.97 | 3.75      | 1.91 | 3.50      | 2.79 | 3.22      | 3.65 | 2.91      | 4.46 | 2.54      | 5.26 |
|        | 1450 | 4.31                    | 1.05 | 4.11      | 2.04 | 3.86      | 3.00 | 3.58      | 3.92 | 3.27      | 4.79 | 2.90      | 5.65 |
|        | 1550 | 4.67                    | 1.12 | 4.47      | 2.19 | 4.22      | 3.21 | 3.94      | 4.19 | 3.63      | 5.12 | 3.26      | 6.04 |
|        | 1650 | 5.03                    | 1.19 | 4.83      | 2.33 | 4.58      | 3.41 | 4.30      | 4.46 | 3.99      | 5.46 | 3.62      | 6.43 |
|        | 1750 | 5.39                    | 1.26 | 5.19      | 2.47 | 4.94      | 3.62 | 4.66      | 4.73 | 4.35      | 5.79 | 3.98      | 6.82 |
|        | 1850 | 5.75                    | 1.34 | 5.55      | 2.61 | 5.30      | 3.83 | 5.02      | 5.00 | 4.71      | 6.12 | 4.34      | 7.21 |
|        | 1950 | 6.11                    | 1.41 | 5.91      | 2.76 | 5.66      | 4.04 | 5.38      | 5.27 | 5.07      | 6.45 | 4.70      | 7.60 |

| Model  | RPM  | Type RSV-80 performance |      |           |      |           |      |           |      |           |       |           |       |
|--------|------|-------------------------|------|-----------|------|-----------|------|-----------|------|-----------|-------|-----------|-------|
|        |      | -1000mmAq               |      | -2000mmAq |      | -3000mmAq |      | -4000mmAq |      | -5000mmAq |       | -6000mmAq |       |
|        |      | Qs                      | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw    | Qs        | kw    |
| RSV-80 | 1000 | 5.01                    | 1.36 | 4.53      | 2.60 | 4.01      | 3.73 | 3.40      | 4.77 | 2.73      | 5.74  | 1.96      | 6.63  |
|        | 1100 | 5.61                    | 1.49 | 5.13      | 2.85 | 4.61      | 4.11 | 4.01      | 5.25 | 3.34      | 6.32  | 2.56      | 7.30  |
|        | 1200 | 6.21                    | 1.63 | 5.73      | 3.11 | 5.21      | 4.48 | 4.61      | 5.73 | 3.94      | 6.89  | 3.16      | 7.96  |
|        | 1300 | 6.81                    | 1.76 | 6.33      | 3.37 | 5.81      | 4.85 | 5.21      | 6.21 | 4.54      | 7.47  | 3.76      | 8.62  |
|        | 1400 | 7.41                    | 1.90 | 6.93      | 3.63 | 6.41      | 5.23 | 5.81      | 6.69 | 5.14      | 8.04  | 4.37      | 9.29  |
|        | 1500 | 8.01                    | 2.03 | 7.53      | 3.89 | 7.01      | 5.60 | 6.41      | 7.17 | 5.74      | 8.61  | 4.97      | 9.95  |
|        | 1600 | 8.61                    | 2.17 | 8.13      | 4.15 | 7.61      | 5.97 | 7.01      | 7.64 | 6.34      | 9.19  | 5.57      | 10.61 |
|        | 1650 | 8.91                    | 2.24 | 8.43      | 4.28 | 7.91      | 6.16 | 7.31      | 7.88 | 6.64      | 9.47  | 5.87      | 10.95 |
|        | 1750 | 9.51                    | 2.38 | 9.04      | 4.54 | 8.51      | 6.53 | 7.91      | 8.36 | 7.24      | 10.04 | 6.47      | 11.61 |
|        | 1850 | 10.11                   | 2.52 | 9.64      | 4.80 | 9.11      | 6.90 | 8.51      | 8.83 | 7.84      | 10.62 | 7.07      | 12.28 |
|        | 1950 | 10.71                   | 2.65 | 10.24     | 5.06 | 9.71      | 7.28 | 9.11      | 9.31 | 8.44      | 11.19 | 7.67      | 12.94 |

| Model   | RPM  | Type RSV-100 performance |      |           |      |           |      |           |       |           |       |           |       |
|---------|------|--------------------------|------|-----------|------|-----------|------|-----------|-------|-----------|-------|-----------|-------|
|         |      | -1000mmAq                |      | -2000mmAq |      | -3000mmAq |      | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|         |      | Qs                       | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-100 | 1000 | 7.08                     | 1.78 | 6.45      | 3.42 | 5.74      | 4.90 | 4.94      | 6.30  | 4.04      | 7.56  | 3.02      | 8.79  |
|         | 1100 | 7.93                     | 1.97 | 7.29      | 3.76 | 6.59      | 5.40 | 5.78      | 6.93  | 4.89      | 8.35  | 3.86      | 9.70  |
|         | 1200 | 8.77                     | 2.16 | 8.14      | 4.10 | 7.43      | 5.91 | 6.63      | 7.56  | 5.73      | 9.13  | 4.71      | 10.61 |
|         | 1300 | 9.62                     | 2.35 | 8.98      | 4.44 | 8.28      | 6.41 | 7.47      | 8.19  | 6.58      | 9.92  | 5.55      | 11.53 |
|         | 1400 | 10.46                    | 2.52 | 9.83      | 4.77 | 9.12      | 6.87 | 8.32      | 8.81  | 7.42      | 10.66 | 6.40      | 12.40 |
|         | 1500 | 11.31                    | 2.69 | 10.67     | 5.10 | 9.97      | 7.34 | 9.16      | 9.44  | 8.27      | 11.41 | 7.24      | 13.27 |
|         | 1600 | 12.15                    | 2.86 | 11.52     | 5.44 | 10.81     | 7.81 | 10.01     | 10.06 | 9.11      | 12.16 | 8.09      | 14.15 |
|         | 1650 | 12.58                    | 2.95 | 11.94     | 5.61 | 11.24     | 8.05 | 10.43     | 10.37 | 9.54      | 12.55 | 8.51      | 14.57 |
|         | 1750 | 13.42                    | 3.13 | 12.79     | 5.96 | 12.08     | 8.55 | 11.28     | 11.01 | 10.38     | 13.32 | 9.36      | 15.41 |
|         | 1850 | 14.27                    | 3.30 | 13.63     | 6.30 | 12.93     | 9.04 | 12.12     | 11.65 | 11.23     | 14.08 | 10.20     | 16.24 |
|         | 1950 | 15.11                    | 3.48 | 14.48     | 6.65 | 13.77     | 9.53 | 12.97     | 12.28 | 12.07     | 14.85 | 11.05     | 17.08 |



# RSV PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = \text{m}^3/\text{min}$

| Model    | RPM  | Type RSV-125A performance |      |           |      |           |       |           |       |           |       |           |       |
|----------|------|---------------------------|------|-----------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|          |      | -1000mmAq                 |      | -2000mmAq |      | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|          |      | Qs                        | kw   | Qs        | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-125A | 990  | 10.39                     | 2.46 | 9.66      | 4.72 | 8.82      | 6.79  | 7.84      | 8.69  | 6.78      | 10.46 | 5.52      | 12.08 |
|          | 1050 | 11.09                     | 2.61 | 10.36     | 5.00 | 9.52      | 7.20  | 8.54      | 9.22  | 7.47      | 11.09 | 6.21      | 12.82 |
|          | 1110 | 11.79                     | 2.76 | 11.06     | 5.29 | 10.22     | 7.62  | 9.24      | 9.75  | 8.17      | 11.72 | 6.91      | 13.55 |
|          | 1180 | 12.61                     | 2.93 | 11.88     | 5.62 | 11.04     | 8.10  | 10.06     | 10.37 | 8.99      | 12.47 | 7.73      | 14.41 |
|          | 1250 | 13.43                     | 3.10 | 12.70     | 5.96 | 11.85     | 8.58  | 10.88     | 10.98 | 9.81      | 13.21 | 8.55      | 15.26 |
|          | 1320 | 14.25                     | 3.28 | 13.51     | 6.29 | 12.67     | 9.06  | 11.69     | 11.60 | 10.63     | 13.95 | 9.36      | 16.12 |
|          | 1390 | 15.06                     | 3.45 | 14.33     | 6.63 | 13.48     | 9.54  | 12.51     | 12.22 | 11.44     | 14.69 | 10.18     | 16.98 |
|          | 1470 | 16.00                     | 3.65 | 15.26     | 7.01 | 14.42     | 10.09 | 13.44     | 12.92 | 12.38     | 15.54 | 11.12     | 17.96 |
|          | 1560 | 17.05                     | 3.88 | 16.31     | 7.44 | 15.47     | 10.71 | 14.49     | 13.71 | 13.43     | 16.49 | 12.17     | 19.06 |
|          | 1650 | 18.10                     | 4.11 | 17.36     | 7.87 | 16.52     | 11.33 | 15.55     | 14.51 | 14.48     | 17.44 | 13.22     | 20.16 |
|          | 1750 | 19.26                     | 4.36 | 18.53     | 8.35 | 17.69     | 12.02 | 16.71     | 15.39 | 15.64     | 18.50 | 14.38     | 21.38 |
|          | 1850 | 20.43                     | 4.61 | 19.70     | 8.82 | 18.85     | 12.70 | 17.88     | 16.27 | 16.81     | 19.56 | 15.55     | 22.60 |

| Model   | RPM  | Type RSV-125 performance |      |           |       |           |       |           |       |           |       |           |       |
|---------|------|--------------------------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|         |      | -1000mmAq                |      | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|         |      | Qs                       | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-125 | 990  | 15.07                    | 3.65 | 14.00     | 6.95  | 12.87     | 9.98  | 11.66     | 12.80 | 10.37     | 15.46 | 8.97      | 18.04 |
|         | 1050 | 16.13                    | 3.88 | 15.05     | 7.38  | 13.92     | 10.60 | 12.72     | 13.61 | 11.42     | 16.42 | 10.02     | 19.15 |
|         | 1110 | 17.18                    | 4.10 | 16.10     | 7.82  | 14.98     | 11.23 | 13.77     | 14.42 | 12.47     | 17.39 | 11.07     | 20.27 |
|         | 1180 | 18.41                    | 4.37 | 17.33     | 8.32  | 16.21     | 11.97 | 14.99     | 15.35 | 13.70     | 18.52 | 12.30     | 21.57 |
|         | 1250 | 19.63                    | 4.63 | 18.55     | 8.82  | 17.42     | 12.69 | 16.21     | 16.27 | 14.92     | 19.64 | 13.52     | 22.86 |
|         | 1320 | 20.85                    | 4.89 | 19.78     | 9.34  | 18.65     | 13.43 | 17.44     | 17.21 | 16.15     | 20.77 | 14.74     | 24.15 |
|         | 1390 | 22.08                    | 5.16 | 21.01     | 9.84  | 19.88     | 14.16 | 18.67     | 18.15 | 17.38     | 21.89 | 15.97     | 25.45 |
|         | 1470 | 23.48                    | 5.46 | 22.40     | 10.42 | 21.28     | 14.99 | 20.06     | 19.21 | 18.77     | 23.17 | 17.36     | 26.92 |
|         | 1560 | 25.06                    | 5.80 | 23.98     | 11.07 | 22.85     | 15.92 | 21.64     | 20.40 | 20.35     | 24.61 | 18.95     | 28.60 |
|         | 1650 | 26.63                    | 6.14 | 25.55     | 11.71 | 24.42     | 16.85 | 23.21     | 21.60 | 21.92     | 26.04 | 20.52     | 30.25 |
|         | 1750 | 28.38                    | 6.52 | 27.31     | 12.44 | 26.18     | 17.89 | 24.97     | 22.93 | 23.67     | 27.65 | 22.28     | 32.10 |
|         | 1850 | 30.13                    | 6.90 | 29.05     | 13.15 | 27.92     | 18.92 | 26.71     | 24.26 | 25.42     | 29.24 | 24.02     | 33.93 |

| Model   | RPM  | Type RSV-150 performance |      |           |       |           |       |           |       |           |       |           |       |
|---------|------|--------------------------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|         |      | -1000mmAq                |      | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|         |      | Qs                       | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-150 | 990  | 19.53                    | 4.69 | 18.70     | 8.95  | 17.76     | 12.88 | 16.70     | 16.49 | 15.47     | 19.85 | 14.11     | 22.94 |
|         | 1050 | 20.86                    | 4.97 | 20.03     | 9.50  | 19.09     | 13.66 | 18.03     | 17.49 | 16.80     | 21.04 | 15.44     | 24.33 |
|         | 1110 | 22.19                    | 5.25 | 21.36     | 10.04 | 20.42     | 14.44 | 19.36     | 18.49 | 18.13     | 22.24 | 16.77     | 25.72 |
|         | 1180 | 23.74                    | 5.59 | 22.91     | 10.67 | 21.97     | 15.36 | 20.91     | 19.66 | 19.68     | 23.65 | 18.32     | 27.36 |
|         | 1250 | 25.29                    | 5.92 | 24.46     | 11.31 | 23.52     | 16.27 | 22.46     | 20.83 | 21.23     | 25.06 | 19.87     | 28.99 |
|         | 1320 | 26.84                    | 6.26 | 26.01     | 11.94 | 25.07     | 17.18 | 24.00     | 22.00 | 22.78     | 26.47 | 21.41     | 30.62 |
|         | 1390 | 28.39                    | 6.59 | 27.56     | 12.58 | 26.62     | 18.09 | 25.55     | 23.16 | 24.33     | 27.87 | 22.96     | 32.21 |
|         | 1470 | 30.16                    | 6.96 | 29.33     | 13.30 | 28.39     | 19.13 | 27.32     | 24.49 | 26.10     | 29.47 | 24.73     | 34.06 |
|         | 1560 | 32.15                    | 7.38 | 31.32     | 14.12 | 30.38     | 20.30 | 29.31     | 26.00 | 28.09     | 31.28 | 26.72     | 36.15 |
|         | 1650 | 34.14                    | 7.81 | 33.31     | 14.94 | 32.37     | 21.46 | 31.30     | 27.51 | 30.08     | 33.06 | 28.71     | 38.25 |
|         | 1750 | 36.35                    | 8.28 | 35.52     | 15.84 | 34.58     | 22.77 | 33.51     | 29.18 | 32.29     | 35.07 | 30.92     | 40.57 |
|         | 1850 | 38.56                    | 8.76 | 37.73     | 16.75 | 36.78     | 24.07 | 35.71     | 30.85 | 34.50     | 37.09 | 33.12     | 42.90 |

| Model    | RPM  | Type RSV-200A performance |       |           |       |           |       |           |       |           |       |           |       |
|----------|------|---------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|          |      | -1000mmAq                 |       | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|          |      | Qs                        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-200A | 990  | 32.00                     | 7.92  | 30.86     | 15.24 | 29.65     | 21.95 | 28.31     | 28.18 | 26.89     | 33.86 | 25.31     | 39.26 |
|          | 1050 | 34.29                     | 8.41  | 33.15     | 16.16 | 31.94     | 23.28 | 30.60     | 29.89 | 29.18     | 35.91 | 27.60     | 41.64 |
|          | 1110 | 36.58                     | 8.90  | 35.43     | 17.10 | 34.22     | 24.62 | 32.88     | 31.62 | 31.46     | 38.02 | 29.87     | 44.07 |
|          | 1180 | 39.25                     | 9.49  | 38.10     | 18.20 | 36.89     | 26.19 | 35.55     | 33.64 | 34.13     | 40.47 | 32.54     | 46.91 |
|          | 1250 | 41.93                     | 10.07 | 40.78     | 19.30 | 39.57     | 27.76 | 38.23     | 35.65 | 36.81     | 42.93 | 35.22     | 49.74 |
|          | 1320 | 44.60                     | 10.65 | 43.45     | 20.40 | 42.24     | 29.33 | 40.90     | 37.67 | 39.48     | 45.38 | 37.89     | 52.57 |
|          | 1390 | 47.27                     | 11.23 | 46.12     | 21.50 | 44.91     | 30.90 | 43.57     | 39.68 | 42.15     | 47.83 | 40.56     | 55.36 |
|          | 1470 | 50.32                     | 11.90 | 49.17     | 22.75 | 47.96     | 32.70 | 46.62     | 41.99 | 45.20     | 50.63 | 43.61     | 58.55 |

| Model   | RPM  | Type RSV-200 performance |       |           |       |           |       |           |       |           |       |           |       |
|---------|------|--------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|         |      | -1000mmAq                |       | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|         |      | Qs                       | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-200 | 990  | 41.57                    | 10.24 | 40.07     | 19.64 | 38.48     | 28.27 | 36.73     | 36.29 | 34.89     | 43.60 | 32.84     | 50.55 |
|         | 1050 | 44.50                    | 10.86 | 43.00     | 20.84 | 41.41     | 30.00 | 39.67     | 38.50 | 37.82     | 46.25 | 35.78     | 53.61 |
|         | 1110 | 47.42                    | 11.51 | 45.91     | 22.06 | 44.33     | 31.73 | 42.58     | 40.73 | 40.74     | 48.96 | 38.68     | 56.74 |
|         | 1180 | 50.82                    | 12.26 | 49.32     | 23.47 | 47.73     | 33.75 | 45.99     | 43.33 | 44.14     | 52.12 | 42.09     | 60.39 |
|         | 1250 | 54.23                    | 13.01 | 52.72     | 24.89 | 51.14     | 35.78 | 49.40     | 45.92 | 47.55     | 55.28 | 45.50     | 64.04 |
|         | 1320 | 57.62                    | 13.76 | 56.11     | 26.31 | 54.53     | 37.80 | 52.79     | 48.52 | 50.95     | 58.43 | 48.90     | 67.69 |
|         | 1390 | 61.00                    | 14.52 | 59.49     | 27.73 | 57.91     | 39.82 | 56.17     | 51.12 | 54.33     | 61.59 | 52.28     | 71.33 |
|         | 1470 | 64.84                    | 15.37 | 63.34     | 29.34 | 61.77     | 42.13 | 60.02     | 54.08 | 58.18     | 64.95 | 56.14     | 75.41 |



# RSV PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = \text{m}^3/\text{min}$

| Model   | RPM  | Type RSV-250 performance |       |           |       |           |       |           |       |           |       |           |       |
|---------|------|--------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|         |      | -1000mmAq                |       | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |       | -6000mmAq |       |
|         |      | Qs                       | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |
| RSV-250 | 990  | 57.43                    | 13.36 | 55.39     | 25.66 | 53.22     | 36.96 | 50.82     | 47.56 | 48.30     | 57.08 | 45.49     | 66.37 |
|         | 1050 | 61.44                    | 14.18 | 59.40     | 27.24 | 57.23     | 39.23 | 54.84     | 50.49 | 52.31     | 60.57 | 49.52     | 70.41 |
|         | 1110 | 65.43                    | 15.07 | 63.37     | 28.86 | 61.22     | 41.53 | 58.82     | 53.46 | 56.30     | 64.22 | 53.48     | 74.62 |
|         | 1180 | 70.07                    | 16.10 | 68.03     | 30.77 | 65.86     | 44.21 | 63.48     | 56.91 | 60.95     | 68.46 | 58.15     | 79.53 |
|         | 1250 | 74.72                    | 17.12 | 72.67     | 32.66 | 70.52     | 46.90 | 68.14     | 60.37 | 65.61     | 72.72 | 62.80     | 84.43 |
|         | 1320 | 79.34                    | 18.15 | 77.29     | 34.57 | 75.14     | 49.60 | 72.76     | 63.83 | 70.24     | 76.98 | 67.44     | 89.33 |
|         | 1390 | 83.94                    | 19.18 | 81.89     | 36.48 | 79.74     | 52.29 | 77.36     | 67.28 | 74.84     | 81.23 | 72.04     | 94.25 |
|         | 1470 | 89.16                    | 20.35 | 87.13     | 38.65 | 84.99     | 55.36 | 82.60     | 71.24 | 80.09     | 85.42 | 77.30     | 99.86 |

| Model    | RPM  | Type RSV-300A performance |       |           |       |           |       |           |       |           |        |           |        |
|----------|------|---------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--------|-----------|--------|
|          |      | -1000mmAq                 |       | -2000mmAq |       | -3000mmAq |       | -4000mmAq |       | -5000mmAq |        | -6000mmAq |        |
|          |      | Qs                        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw     | Qs        | kw     |
| RSV-300A | 990  | 77.99                     | 18.61 | 75.23     | 35.63 | 72.30     | 51.24 | 69.22     | 65.64 | 65.77     | 78.92  | 61.91     | 91.25  |
|          | 1050 | 83.39                     | 19.74 | 80.64     | 37.79 | 77.68     | 54.35 | 74.61     | 69.63 | 71.15     | 83.70  | 67.30     | 96.79  |
|          | 1110 | 88.76                     | 20.88 | 85.98     | 39.95 | 83.05     | 57.46 | 79.95     | 73.60 | 76.49     | 88.50  | 72.65     | 102.33 |
|          | 1180 | 95.00                     | 22.20 | 92.24     | 42.48 | 89.27     | 61.09 | 86.15     | 78.26 | 82.69     | 94.10  | 78.84     | 108.80 |
|          | 1250 | 101.24                    | 23.52 | 98.47     | 45.01 | 95.47     | 64.72 | 92.35     | 82.90 | 88.89     | 99.70  | 85.04     | 115.28 |
|          | 1320 | 107.43                    | 24.84 | 104.66    | 47.53 | 101.67    | 68.35 | 98.55     | 87.55 | 95.09     | 105.30 | 91.24     | 121.76 |
|          | 1390 | 113.58                    | 26.17 | 110.82    | 50.06 | 107.86    | 71.98 | 104.70    | 92.20 | 101.28    | 110.89 | 97.43     | 128.23 |
|          | 1470 | 120.56                    | 27.68 | 117.83    | 52.95 | 114.85    | 76.13 | 111.65    | 97.51 | 108.20    | 117.29 | 104.36    | 135.63 |

| Model   | RPM  | Type RSV-300 performance |       |           |       |           |        |           |        |           |        |           |        |
|---------|------|--------------------------|-------|-----------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
|         |      | -1000mmAq                |       | -2000mmAq |       | -3000mmAq |        | -4000mmAq |        | -5000mmAq |        | -6000mmAq |        |
|         |      | Qs                       | kw    | Qs        | kw    | Qs        | kw     | Qs        | kw     | Qs        | kw     | Qs        | kw     |
| RSV-300 | 800  | 98.94                    | 22.60 | 95.93     | 40.56 | 92.85     | 58.38  | 89.21     | 76.69  | 85.17     | 94.00  | 80.67     | 112.10 |
|         | 900  | 112.33                   | 25.42 | 109.32    | 45.62 | 106.24    | 65.65  | 102.60    | 86.22  | 98.56     | 105.50 | 94.06     | 126.08 |
|         | 1000 | 125.72                   | 28.24 | 122.71    | 50.69 | 119.63    | 72.93  | 115.99    | 95.82  | 111.95    | 116.70 | 107.45    | 140.12 |
|         | 1100 | 139.05                   | 31.06 | 136.10    | 55.76 | 133.02    | 80.22  | 129.38    | 105.36 | 125.34    | 128.37 | 120.84    | 153.87 |
|         | 1200 | 152.44                   | 33.89 | 149.49    | 60.83 | 146.41    | 87.51  | 142.76    | 114.96 | 138.73    | 140.04 | 134.23    | 168.08 |
|         | 1300 | 165.82                   | 36.71 | 162.88    | 65.89 | 159.80    | 94.79  | 156.15    | 124.53 | 152.12    | 151.70 | 147.62    | 182.08 |
|         | 1400 | 179.20                   | 39.53 | 176.27    | 70.96 | 173.19    | 102.08 | 169.54    | 134.11 | 165.51    | 163.36 | 161.01    | 196.07 |

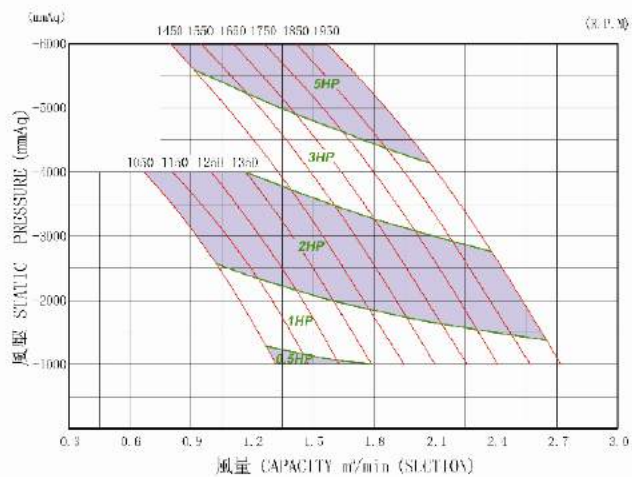
| Model   | RPM  | Type RSV-350 performance |       |           |        |           |        |           |        |           |        |           |        |
|---------|------|--------------------------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
|         |      | -1000mmAq                |       | -2000mmAq |        | -3000mmAq |        | -4000mmAq |        | -5000mmAq |        | -6000mmAq |        |
|         |      | Qs                       | kw    | Qs        | kw     | Qs        | kw     | Qs        | kw     | Qs        | kw     | Qs        | kw     |
| RSV-350 | 800  | 155.92                   | 35.31 | 151.40    | 63.30  | 146.82    | 91.17  | 141.42    | 118.96 | 135.46    | 145.75 | 128.84    | 174.47 |
|         | 900  | 176.95                   | 39.74 | 172.44    | 73.20  | 167.86    | 102.05 | 162.46    | 133.82 | 156.50    | 164.10 | 149.88    | 196.35 |
|         | 1000 | 197.99                   | 44.17 | 193.48    | 79.10  | 188.90    | 114.04 | 183.50    | 148.76 | 177.54    | 182.44 | 170.92    | 218.28 |
|         | 1100 | 218.94                   | 48.60 | 214.52    | 87.00  | 209.94    | 125.49 | 204.54    | 163.66 | 198.58    | 200.78 | 191.96    | 239.98 |
|         | 1200 | 239.98                   | 53.00 | 235.56    | 94.90  | 230.98    | 136.95 | 225.57    | 178.60 | 219.61    | 219.14 | 213.00    | 262.05 |
|         | 1300 | 261.00                   | 57.40 | 256.60    | 102.80 | 252.02    | 148.39 | 246.61    | 193.47 | 240.65    | 237.44 | 234.04    | 283.95 |
|         | 1400 | 282.03                   | 61.80 | 277.64    | 110.70 | 273.06    | 159.85 | 267.65    | 208.40 | 261.69    | 255.77 | 255.08    | 305.84 |

| Model   | RPM  | Type RSV-400 performance |       |           |        |           |        |           |        |           |        |           |        |
|---------|------|--------------------------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
|         |      | -1000mmAq                |       | -2000mmAq |        | -3000mmAq |        | -4000mmAq |        | -5000mmAq |        | -6000mmAq |        |
|         |      | Qs                       | kw    | Qs        | kw     | Qs        | kw     | Qs        | kw     | Qs        | kw     | Qs        | kw     |
| RSV-400 | 800  | 181.61                   | 41.03 | 176.34    | 73.65  | 171.01    | 106.00 | 164.73    | 139.25 | 157.82    | 169.51 | 150.17    | 203.54 |
|         | 900  | 206.13                   | 46.16 | 200.86    | 86.09  | 195.52    | 119.22 | 189.24    | 156.58 | 182.34    | 190.72 | 174.69    | 228.95 |
|         | 1000 | 230.65                   | 51.28 | 225.38    | 92.07  | 220.04    | 132.46 | 213.76    | 174.03 | 206.86    | 211.94 | 199.20    | 254.48 |
|         | 1100 | 255.05                   | 56.41 | 249.89    | 101.27 | 244.56    | 145.71 | 238.28    | 191.37 | 231.37    | 233.15 | 223.72    | 279.46 |
|         | 1200 | 279.57                   | 61.55 | 274.41    | 110.49 | 269.07    | 158.95 | 262.80    | 208.81 | 255.89    | 254.37 | 248.24    | 305.31 |

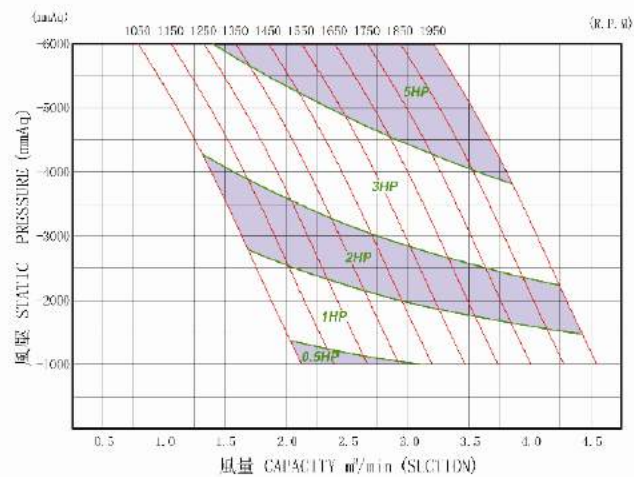


# RSV PERFORMANCE CHART

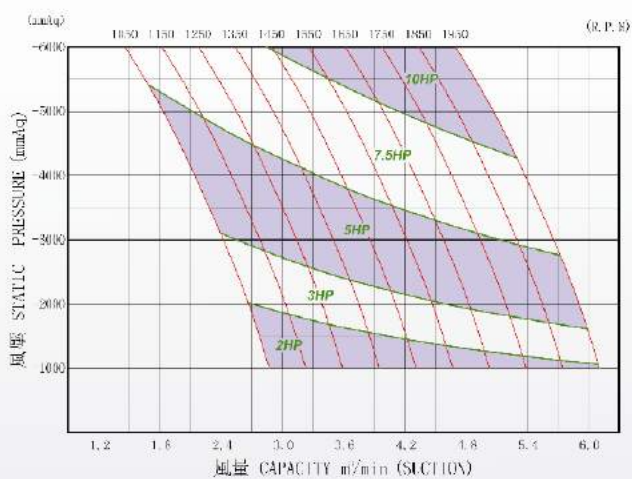
## RSV-40



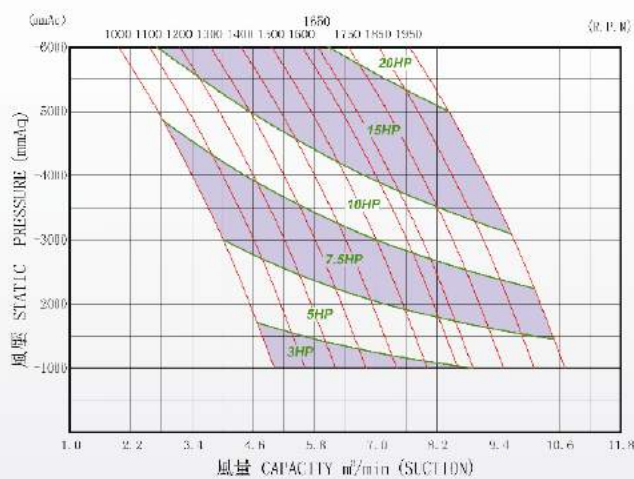
## RSV-50



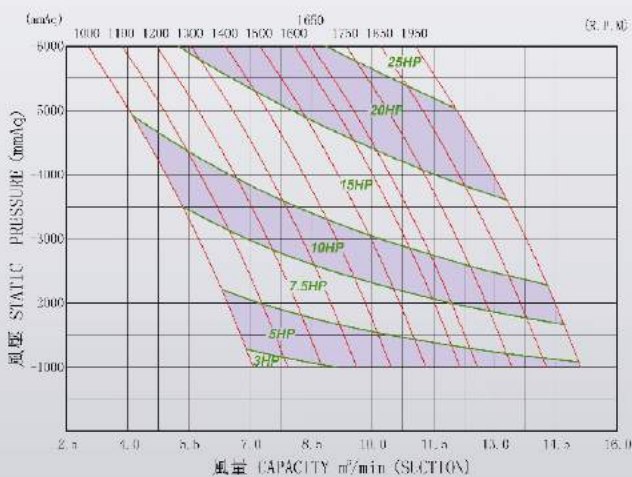
## RSV-65



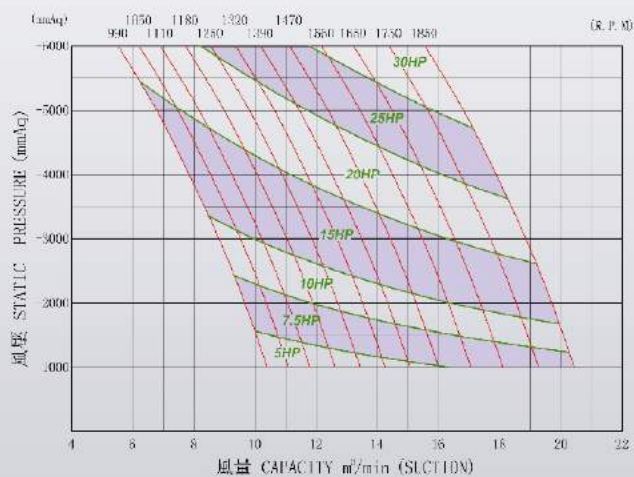
## RSV-80



## RSV-100



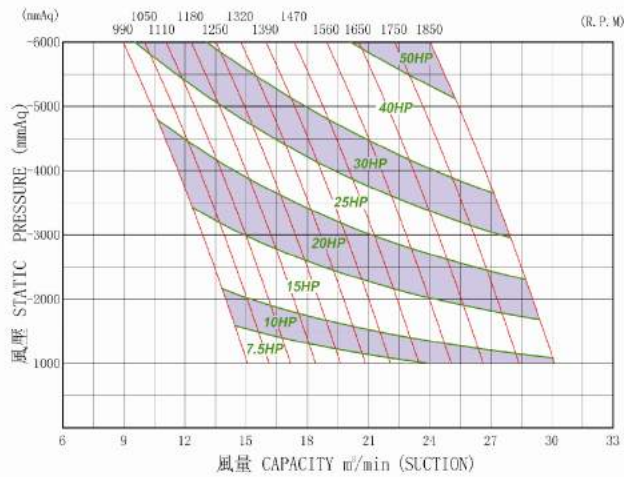
## RSV-125A



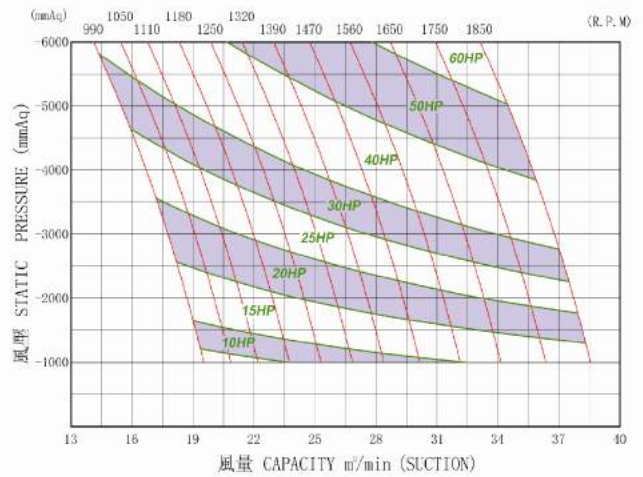


# RSV PERFORMANCE CHART

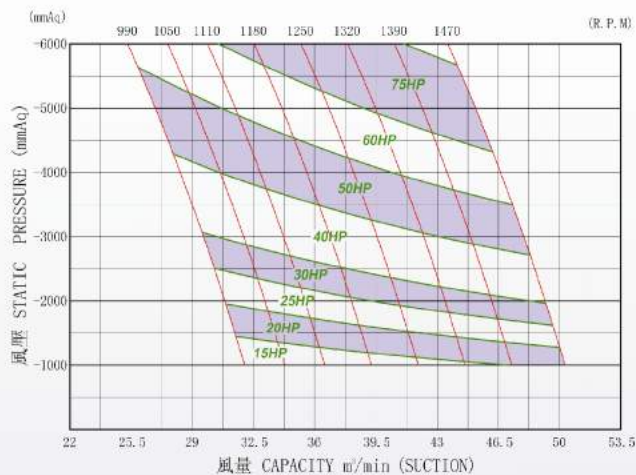
## RSV-125



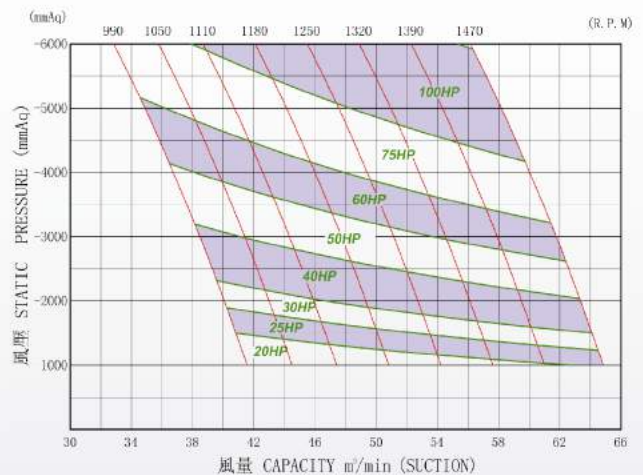
## RSV-150



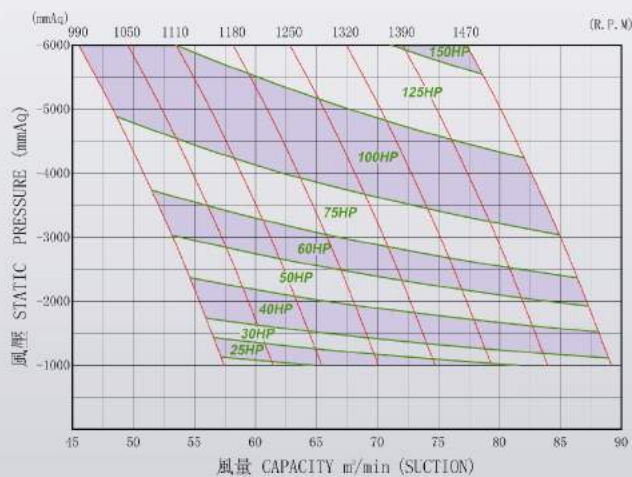
## RSV-200A



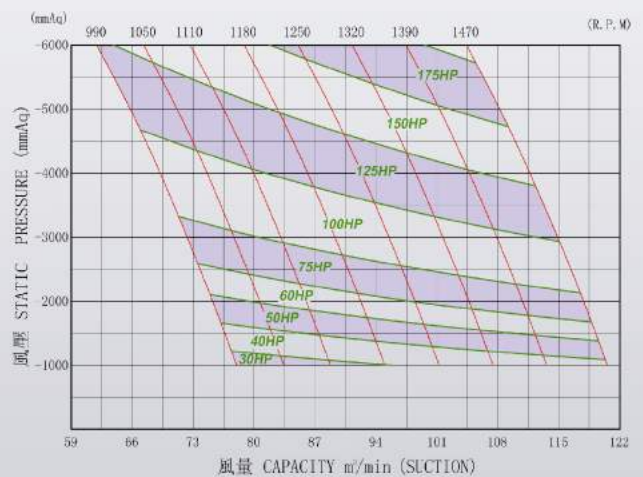
## RSV-200



## RSV-250



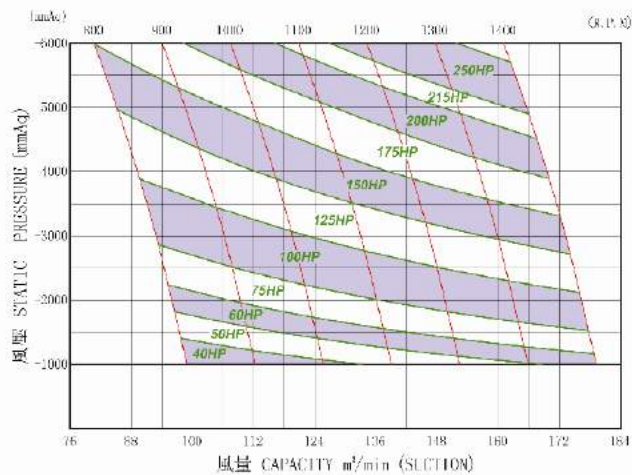
## RSV-300A



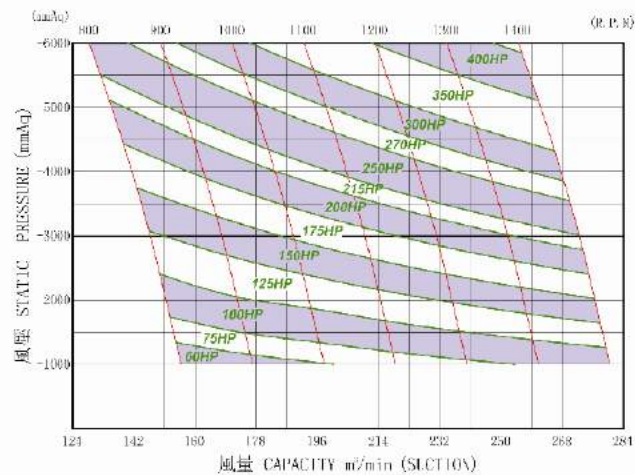


# RSV PERFORMANCE CHART

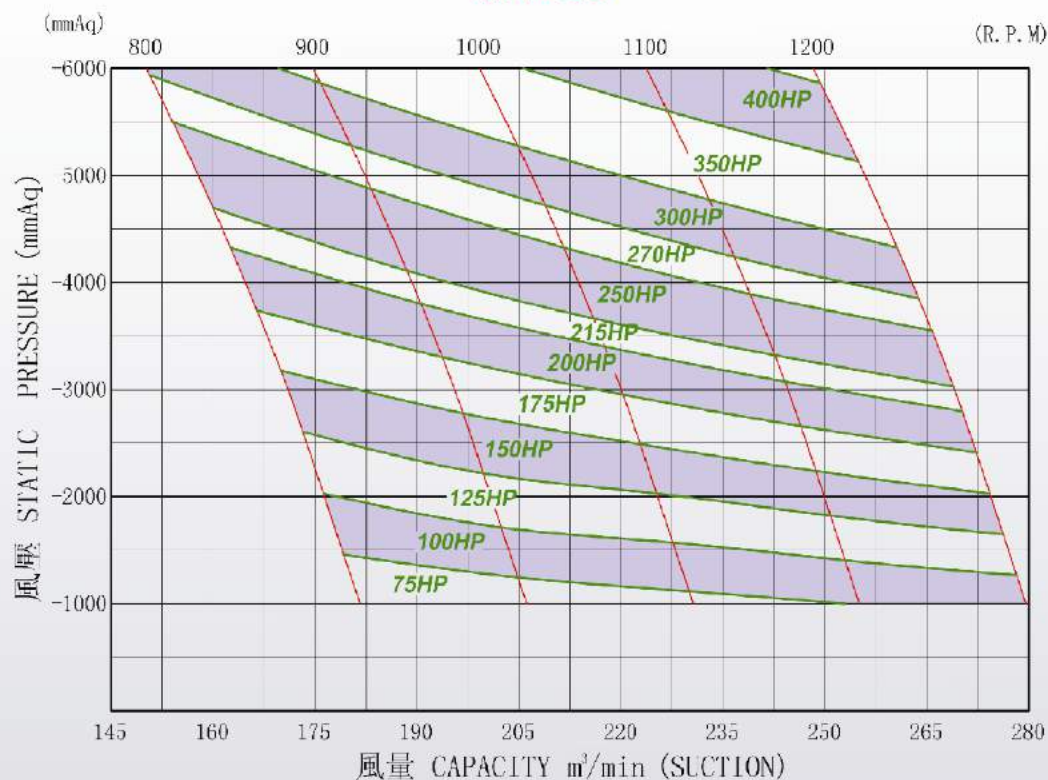
## RSV-300



## RSV-350



## RSV-400



# RSW PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = m^3/min$

| Model    | Bore<br>Inch (mm) | RPM  | 8000mmAq |        | 9000mmAq |        | 10000mmAq |        | Cooling Water<br>Volume(L/min) |
|----------|-------------------|------|----------|--------|----------|--------|-----------|--------|--------------------------------|
|          |                   |      | $Q_s$    | kw     | $Q_s$    | kw     | $Q_s$     | kw     |                                |
| RSW-40   | 1.5 (40)          | 1450 | 0.94     | 3.21   | 0.81     | 3.61   | 0.67      | 4.01   | 4                              |
|          |                   | 1550 | 1.07     | 3.43   | 0.94     | 3.86   | 0.81      | 4.28   |                                |
|          |                   | 1650 | 1.21     | 3.65   | 1.07     | 4.10   | 0.94      | 4.56   |                                |
|          |                   | 1750 | 1.34     | 3.87   | 1.21     | 4.35   | 1.07      | 4.84   |                                |
|          |                   | 1850 | 1.47     | 4.09   | 1.34     | 4.60   | 1.20      | 5.11   |                                |
|          |                   | 1950 | 1.60     | 4.31   | 1.47     | 4.85   | 1.33      | 5.39   |                                |
| RSW-50   | 2 (50)            | 1450 | 1.84     | 5.34   | 1.73     | 6.01   | 1.66      | 6.68   | 4                              |
|          |                   | 1550 | 2.10     | 5.71   | 1.99     | 6.43   | 1.92      | 7.14   |                                |
|          |                   | 1650 | 2.36     | 6.08   | 2.25     | 6.84   | 2.18      | 7.60   |                                |
|          |                   | 1750 | 2.62     | 6.45   | 2.51     | 7.26   | 2.44      | 8.06   |                                |
|          |                   | 1850 | 2.87     | 6.82   | 2.77     | 7.67   | 2.70      | 8.52   |                                |
|          |                   | 1950 | 3.13     | 7.19   | 3.03     | 8.09   | 2.95      | 8.98   |                                |
| RSW-65   | 2 1/2 (65)        | 1350 | 2.82     | 6.47   | 2.69     | 7.28   | 2.58      | 8.09   | 6                              |
|          |                   | 1450 | 3.16     | 6.95   | 3.03     | 7.82   | 2.92      | 8.68   |                                |
|          |                   | 1550 | 3.50     | 7.43   | 3.37     | 8.35   | 3.26      | 9.28   |                                |
|          |                   | 1650 | 3.83     | 7.91   | 3.71     | 8.89   | 3.59      | 9.88   |                                |
| RSW-80   | 3 (80)            | 1300 | 4.13     | 11.06  | 3.78     | 12.44  | 3.44      | 13.82  | 8                              |
|          |                   | 1400 | 4.73     | 11.91  | 4.38     | 13.39  | 4.04      | 14.88  |                                |
|          |                   | 1500 | 5.33     | 12.76  | 4.98     | 14.35  | 4.64      | 15.95  |                                |
|          |                   | 1600 | 5.93     | 13.61  | 5.57     | 15.31  | 5.24      | 17.01  |                                |
|          |                   | 1650 | 6.23     | 14.03  | 5.87     | 15.79  | 5.54      | 17.54  |                                |
|          |                   | 1750 | 6.82     | 14.88  | 6.47     | 16.74  | 6.13      | 18.60  |                                |
|          |                   | 1850 | 7.42     | 15.73  | 7.07     | 17.70  | 6.73      | 19.67  |                                |
|          |                   | 1950 | 8.02     | 16.58  | 7.67     | 18.66  | 7.33      | 20.73  |                                |
| RSW-100  | 4 (100)           | 1200 | 6.69     | 14.29  | 6.43     | 16.07  | 6.20      | 17.86  | 10                             |
|          |                   | 1300 | 7.53     | 15.48  | 7.27     | 17.41  | 7.04      | 19.35  |                                |
|          |                   | 1400 | 8.37     | 16.67  | 8.11     | 18.75  | 7.88      | 20.84  |                                |
|          |                   | 1500 | 9.21     | 17.86  | 8.95     | 20.09  | 8.72      | 22.32  |                                |
| RSW-125A | 5 (125)           | 1180 | 9.15     | 20.59  | 8.52     | 23.16  | 7.78      | 25.73  | 12                             |
|          |                   | 1250 | 10.01    | 21.81  | 9.38     | 24.53  | 8.64      | 27.26  |                                |
|          |                   | 1320 | 10.87    | 23.03  | 10.24    | 25.91  | 9.50      | 28.78  |                                |
|          |                   | 1390 | 11.73    | 24.25  | 11.10    | 27.28  | 10.36     | 30.31  |                                |
|          |                   | 1470 | 12.71    | 25.64  | 12.08    | 28.85  | 11.34     | 32.06  |                                |
|          |                   | 1560 | 13.82    | 27.21  | 13.19    | 30.62  | 12.45     | 34.02  |                                |
|          |                   | 1650 | 14.92    | 28.78  | 14.29    | 32.38  | 13.56     | 35.98  |                                |
|          |                   | 1750 | 16.15    | 30.53  | 15.52    | 34.35  | 14.78     | 38.16  |                                |
| RSW-125  | 5 (125)           | 1850 | 17.38    | 32.27  | 16.75    | 36.31  | 16.01     | 40.34  | 12                             |
|          |                   | 1180 | 14.35    | 30.09  | 13.55    | 33.85  | 12.61     | 37.61  |                                |
|          |                   | 1250 | 15.61    | 31.87  | 14.80    | 35.86  | 13.86     | 39.84  |                                |
|          |                   | 1320 | 16.87    | 33.66  | 16.06    | 37.86  | 15.12     | 42.07  |                                |
|          |                   | 1390 | 18.12    | 35.44  | 17.32    | 39.87  | 16.38     | 44.30  |                                |
|          |                   | 1470 | 19.56    | 37.48  | 18.75    | 42.17  | 17.81     | 46.85  |                                |
|          |                   | 1560 | 21.18    | 39.78  | 20.37    | 44.75  | 19.43     | 49.72  |                                |
|          |                   | 1650 | 22.79    | 42.07  | 21.98    | 47.33  | 21.04     | 52.59  |                                |
| RSW-150  | 6 (150)           | 1750 | 24.59    | 44.62  | 23.78    | 50.20  | 22.84     | 55.77  | 15                             |
|          |                   | 1850 | 26.38    | 47.17  | 25.57    | 53.07  | 24.64     | 58.96  |                                |
|          |                   | 1180 | 18.97    | 38.80  | 17.61    | 43.65  | 16.42     | 48.49  |                                |
|          |                   | 1250 | 20.59    | 41.10  | 19.23    | 46.23  | 18.04     | 51.37  |                                |
|          |                   | 1320 | 22.21    | 43.40  | 20.85    | 48.82  | 19.66     | 54.25  |                                |
|          |                   | 1390 | 23.83    | 45.70  | 22.47    | 51.41  | 21.28     | 57.12  |                                |
| RSW-200A | 8 (200)           | 1470 | 25.69    | 48.33  | 24.32    | 54.37  | 23.13     | 60.41  | 20                             |
|          |                   | 990  | 26.58    | 52.26  | 25.43    | 58.80  | 24.03     | 65.33  |                                |
|          |                   | 1050 | 28.81    | 55.43  | 27.66    | 62.36  | 26.26     | 69.29  |                                |
|          |                   | 1110 | 31.04    | 58.60  | 29.89    | 65.92  | 28.49     | 73.25  |                                |
|          |                   | 1180 | 33.64    | 62.29  | 32.49    | 70.08  | 31.09     | 77.87  |                                |
|          |                   | 1250 | 36.24    | 65.99  | 35.09    | 74.24  | 33.70     | 82.48  |                                |
| RSW-200  | 8 (200)           | 1320 | 38.84    | 69.68  | 37.70    | 78.39  | 36.30     | 87.10  | 25                             |
|          |                   | 1390 | 41.44    | 73.38  | 40.30    | 82.55  | 38.90     | 91.72  |                                |
|          |                   | 990  | 34.38    | 67.19  | 32.65    | 75.59  | 30.84     | 83.99  |                                |
|          |                   | 1050 | 37.25    | 71.27  | 35.51    | 80.18  | 33.71     | 89.08  |                                |
|          |                   | 1110 | 40.12    | 75.34  | 38.38    | 84.76  | 36.58     | 94.17  |                                |
|          |                   | 1180 | 43.46    | 80.09  | 41.73    | 90.10  | 39.92     | 100.11 |                                |
| RSW-250  | 10 (250)          | 1250 | 46.81    | 84.84  | 45.07    | 95.45  | 43.27     | 106.05 | 25                             |
|          |                   | 1320 | 50.15    | 89.59  | 48.42    | 100.79 | 46.61     | 111.99 |                                |
|          |                   | 1390 | 53.50    | 94.34  | 51.76    | 106.14 | 49.96     | 117.93 |                                |
|          |                   | 1050 | 51.94    | 95.02  | 50.36    | 106.90 | 48.32     | 118.78 |                                |
|          |                   | 1110 | 55.76    | 100.45 | 54.18    | 113.01 | 52.15     | 125.57 |                                |
|          |                   | 1180 | 60.22    | 106.79 | 58.64    | 120.14 | 56.61     | 133.48 |                                |
| RSW-300  | 12 (300)          | 1250 | 64.68    | 113.12 | 63.10    | 127.26 | 61.07     | 141.40 | 30                             |
|          |                   | 1320 | 69.14    | 119.46 | 67.56    | 134.39 | 65.53     | 149.32 |                                |
|          |                   | 1390 | 73.60    | 125.79 | 72.02    | 141.52 | 69.99     | 157.24 |                                |
|          |                   | 1480 | 79.33    | 133.94 | 77.76    | 150.68 | 75.72     | 167.42 |                                |
|          |                   | 600  | 55.28    | 111.50 | 52.93    | 125.44 | 50.60     | 139.38 |                                |
|          |                   | 700  | 68.65    | 130.08 | 66.30    | 146.34 | 63.97     | 162.60 |                                |
|          |                   | 800  | 82.02    | 148.67 | 79.67    | 167.25 | 77.34     | 185.83 |                                |
|          |                   | 900  | 95.39    | 167.25 | 93.04    | 188.16 | 90.70     | 209.06 |                                |
|          |                   | 1000 | 108.75   | 185.83 | 106.41   | 209.06 | 104.07    | 232.29 |                                |
|          |                   | 1100 | 122.12   | 204.42 | 119.77   | 229.97 | 117.44    | 255.52 |                                |
|          |                   | 1200 | 135.49   | 223.00 | 133.14   | 250.88 | 130.81    | 278.75 | 30                             |
|          |                   | 1300 | 148.86   | 241.58 | 146.51   | 271.78 | 144.18    | 301.98 |                                |
|          |                   | 1400 | 162.23   | 260.17 | 159.88   | 292.69 | 157.55    | 325.21 |                                |
|          |                   |      |          |        |          |        |           |        |                                |



# TRS PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = m^3/min$

| Model  | RPM  | Type TRS-50 performance ( RSW-50 + RSW-40 ) |      |           |      |           |      |           |      |           |       |           |       |           |       |           |       |           |       |           |       | Cooling Water Volumes(L/min) |       |     |        |
|--------|------|---------------------------------------------|------|-----------|------|-----------|------|-----------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|------------------------------|-------|-----|--------|
|        |      | 10000mmAq                                   |      | 11000mmAq |      | 12000mmAq |      | 13000mmAq |      | 14000mmAq |       | 15000mmAq |       | 16000mmAq |       | 17000mmAq |       | 18000mmAq |       | 19000mmAq |       | 20000mmAq                    |       | Air | Blower |
|        |      | Qs                                          | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs                           | kw    |     |        |
| TRS-50 | 1250 | 1.61                                        | 4.61 | 1.53      | 5.07 | 1.45      | 5.53 | 1.41      | 5.99 | 1.37      | 6.45  | 1.35      | 6.91  | 1.32      | 7.37  | 1.27      | 7.83  | 1.21      | 8.29  | 1.18      | 8.75  | 1.14                         | 9.21  | 160 | 8      |
|        | 1350 | 1.87                                        | 4.98 | 1.82      | 5.48 | 1.77      | 5.97 | 1.72      | 6.47 | 1.66      | 6.96  | 1.62      | 7.47  | 1.58      | 7.97  | 1.53      | 8.46  | 1.47      | 8.96  | 1.44      | 9.45  | 1.40                         | 9.95  |     |        |
|        | 1450 | 2.13                                        | 5.34 | 2.08      | 5.88 | 2.03      | 6.41 | 1.98      | 6.95 | 1.92      | 7.49  | 1.88      | 8.02  | 1.84      | 8.55  | 1.79      | 9.08  | 1.73      | 9.62  | 1.70      | 10.15 | 1.66                         | 10.69 |     |        |
|        | 1550 | 2.39                                        | 5.71 | 2.34      | 6.28 | 2.29      | 6.85 | 2.24      | 7.43 | 2.18      | 8.00  | 2.14      | 8.57  | 2.10      | 9.14  | 2.05      | 9.71  | 1.99      | 10.28 | 1.95      | 10.85 | 1.92                         | 11.42 |     |        |
|        | 1650 | 2.65                                        | 6.08 | 2.60      | 6.69 | 2.55      | 7.30 | 2.50      | 7.91 | 2.44      | 8.51  | 2.40      | 9.12  | 2.36      | 9.73  | 2.31      | 10.34 | 2.25      | 10.95 | 2.21      | 11.55 | 2.18                         | 12.16 |     |        |
|        | 1750 | 2.91                                        | 6.45 | 2.86      | 7.10 | 2.81      | 7.74 | 2.76      | 8.39 | 2.70      | 9.03  | 2.66      | 9.68  | 2.62      | 10.32 | 2.57      | 10.96 | 2.51      | 11.61 | 2.47      | 12.25 | 2.44                         | 12.90 |     |        |
|        | 1850 | 3.17                                        | 6.82 | 3.12      | 7.50 | 3.07      | 8.18 | 3.02      | 8.87 | 2.96      | 9.55  | 2.92      | 10.23 | 2.87      | 10.91 | 2.82      | 11.59 | 2.77      | 12.27 | 2.73      | 12.95 | 2.70                         | 13.64 |     |        |
|        | 1950 | 3.43                                        | 7.19 | 3.38      | 7.91 | 3.32      | 8.62 | 3.27      | 9.34 | 3.22      | 10.06 | 3.18      | 10.78 | 3.13      | 11.50 | 3.08      | 12.22 | 3.03      | 12.94 | 2.99      | 13.65 | 2.95                         | 14.37 |     |        |

| Model  | RPM  | Type TRS-65 performance ( RSW-65 + RSW-50 ) |      |           |      |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       | Cooling Water Volume(L/min) |       |     |        |
|--------|------|---------------------------------------------|------|-----------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------------------------|-------|-----|--------|
|        |      | 10000mmAq                                   |      | 11000mmAq |      | 12000mmAq |       | 13000mmAq |       | 14000mmAq |       | 15000mmAq |       | 16000mmAq |       | 17000mmAq |       | 18000mmAq |       | 19000mmAq |       | 20000mmAq                   |       | Air | Blower |
|        |      | Qs                                          | kw   | Qs        | kw   | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs                          | kw    |     |        |
| TRS-65 | 1250 | 2.84                                        | 6.62 | 2.78      | 7.29 | 2.72      | 7.95  | 2.68      | 8.65  | 2.63      | 9.35  | 2.56      | 9.98  | 2.49      | 10.60 | 2.42      | 11.26 | 2.36      | 11.92 | 2.30      | 12.58 | 2.24                        | 13.24 | 160 | 8      |
|        | 1350 | 3.18                                        | 7.15 | 3.12      | 7.87 | 3.06      | 8.58  | 3.02      | 9.29  | 2.97      | 9.99  | 2.90      | 10.72 | 2.82      | 11.45 | 2.76      | 12.16 | 2.69      | 12.87 | 2.64      | 13.59 | 2.58                        | 14.30 |     |        |
|        | 1450 | 3.52                                        | 7.68 | 3.46      | 8.45 | 3.39      | 9.22  | 3.35      | 9.94  | 3.30      | 10.65 | 3.23      | 11.47 | 3.16      | 12.29 | 3.10      | 13.05 | 3.03      | 13.83 | 2.97      | 14.60 | 2.92                        | 15.36 |     |        |
|        | 1550 | 3.85                                        | 8.21 | 3.79      | 9.03 | 3.73      | 9.85  | 3.69      | 10.57 | 3.64      | 11.29 | 3.57      | 12.22 | 3.50      | 13.14 | 3.43      | 13.96 | 3.37      | 14.78 | 3.31      | 15.60 | 3.26                        | 16.42 |     |        |
|        | 1650 | 4.19                                        | 8.74 | 4.13      | 9.62 | 4.07      | 10.49 | 4.03      | 11.27 | 3.98      | 12.05 | 3.91      | 13.02 | 3.83      | 13.99 | 3.77      | 14.86 | 3.71      | 15.73 | 3.65      | 16.61 | 3.59                        | 17.48 |     |        |

| Model  | RPM  | Type TRS-80 performance ( RSW80 + RSW-80 ) |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       | Cooling Water<br>Volume(L/min) |        |
|--------|------|--------------------------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|--------------------------------|--------|
|        |      | 10000mmAq                                  |       | 11000mmAq |       | 12000mmAq |       | 13000mmAq |       | 14000mmAq |       | 15000mmAq |       | 16000mmAq |       | 17000mmAq |       | 18000mmAq |       | 19000mmAq |       | 20000mmAq |       |                                |        |
|        |      | Qs                                         | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Air                            | Blower |
| TRS-80 | 1200 | 4.66                                       | 12.76 | 4.51      | 14.03 | 4.36      | 15.30 | 4.16      | 16.58 | 3.95      | 17.86 | 3.74      | 19.14 | 3.53      | 20.42 | 3.35      | 21.69 | 3.18      | 22.96 | 3.01      | 24.24 | 2.84      | 25.51 | 160                            | 16     |
|        | 1300 | 5.26                                       | 13.82 | 5.11      | 15.20 | 4.96      | 16.58 | 4.76      | 17.96 | 4.55      | 19.34 | 4.34      | 20.73 | 4.13      | 22.12 | 3.95      | 23.50 | 3.78      | 24.88 | 3.61      | 26.26 | 3.44      | 27.64 |                                |        |
|        | 1400 | 5.86                                       | 14.88 | 5.71      | 16.37 | 5.56      | 17.86 | 5.36      | 19.35 | 5.15      | 20.84 | 4.94      | 22.33 | 4.73      | 23.82 | 4.55      | 25.30 | 4.38      | 26.79 | 4.21      | 28.28 | 4.04      | 29.77 |                                |        |
|        | 1500 | 6.45                                       | 15.94 | 6.31      | 17.54 | 6.16      | 19.14 | 5.96      | 20.73 | 5.75      | 22.32 | 5.54      | 23.92 | 5.33      | 25.52 | 5.15      | 27.11 | 4.98      | 28.70 | 4.81      | 30.30 | 4.64      | 31.89 |                                |        |
|        | 1600 | 7.05                                       | 17.00 | 6.91      | 18.71 | 6.76      | 20.42 | 6.55      | 22.12 | 6.34      | 23.82 | 6.14      | 25.52 | 5.93      | 27.22 | 5.75      | 28.92 | 5.57      | 30.62 | 5.41      | 32.32 | 5.24      | 34.02 |                                |        |
|        | 1650 | 7.35                                       | 17.54 | 7.21      | 19.29 | 7.06      | 21.04 | 6.85      | 22.80 | 6.64      | 24.56 | 6.44      | 26.31 | 6.23      | 28.06 | 6.05      | 29.82 | 5.87      | 31.57 | 5.70      | 33.33 | 5.54      | 35.08 |                                |        |
|        | 1750 | 7.95                                       | 18.60 | 7.81      | 20.46 | 7.66      | 22.32 | 7.45      | 24.18 | 7.24      | 26.04 | 7.03      | 27.90 | 6.82      | 29.76 | 6.65      | 31.62 | 6.47      | 33.49 | 6.30      | 35.35 | 6.13      | 37.21 |                                |        |
|        | 1850 | 8.55                                       | 19.66 | 8.41      | 21.63 | 8.26      | 23.60 | 8.05      | 25.57 | 7.84      | 27.54 | 7.63      | 29.50 | 7.42      | 31.46 | 7.25      | 33.43 | 7.07      | 35.40 | 6.90      | 37.37 | 6.73      | 39.33 |                                |        |
| 1950   | 9.15 | 20.72                                      | 9.00  | 22.80     | 8.85  | 24.88     | 8.65  | 26.95     | 8.44  | 29.02     | 8.23  | 31.09     | 8.02  | 33.16     | 7.84  | 35.24     | 7.67  | 37.31     | 7.50  | 39.39     | 7.33  | 41.46     |       |                                |        |

| Model   | RPM  | Type TRS-100 performance ( RSW-100 + RSW-80 ) |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       | Cooling Water Volume(L/min) |        |
|---------|------|-----------------------------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------------------------|--------|
|         |      | 10000mmAq                                     |       | 11000mmAq |       | 12000mmAq |       | 13000mmAq |       | 14000mmAq |       | 15000mmAq |       | 16000mmAq |       | 17000mmAq |       | 18000mmAq |       | 19000mmAq |       | 20000mmAq |       | Air                         | Blower |
|         |      | Qs                                            | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    |           |       |                             |        |
| TRS-100 | 1200 | 7.31                                          | 15.31 | 7.24      | 16.84 | 7.17      | 18.37 | 7.00      | 19.90 | 6.83      | 21.43 | 6.76      | 22.96 | 6.69      | 24.49 | 6.56      | 26.02 | 6.43      | 27.55 | 6.32      | 29.09 | 6.20      | 30.62 | 160                         | 18     |
|         | 1300 | 8.15                                          | 16.58 | 8.08      | 18.24 | 8.01      | 19.90 | 7.84      | 21.56 | 7.67      | 23.21 | 7.60      | 24.87 | 7.53      | 26.53 | 7.40      | 28.19 | 7.27      | 29.85 | 7.16      | 31.51 | 7.04      | 33.17 |                             |        |
|         | 1400 | 8.99                                          | 17.86 | 8.92      | 19.65 | 8.84      | 21.43 | 8.68      | 23.22 | 8.51      | 25.01 | 8.44      | 26.79 | 8.37      | 28.57 | 8.24      | 30.36 | 8.11      | 32.15 | 7.99      | 33.93 | 7.88      | 35.72 |                             |        |
|         | 1500 | 9.82                                          | 19.13 | 9.75      | 21.05 | 9.68      | 22.96 | 9.52      | 24.88 | 9.35      | 26.79 | 9.28      | 28.70 | 9.21      | 30.62 | 9.08      | 32.53 | 8.95      | 34.44 | 8.83      | 36.36 | 8.72      | 38.27 |                             |        |

| Model   | RPM  | Type TRS-125 performance (RSW-125 + RSW-125A ) |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       |           |       | Cooling Water Volume(L/min) |       |     |        |
|---------|------|------------------------------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------------------------|-------|-----|--------|
|         |      | 10000mmAq                                      |       | 11000mmAq |       | 12000mmAq |       | 13000mmAq |       | 14000mmAq |       | 15000mmAq |       | 16000mmAq |       | 17000mmAq |       | 18000mmAq |       | 19000mmAq |       | 20000mmAq                   |       | Air | Blower |
|         |      | Qs                                             | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs        | kw    | Qs                          | kw    |     |        |
| TRS-125 | 1100 | 14.25                                          | 29.52 | 13.94     | 32.48 | 13.62     | 35.43 | 13.59     | 38.38 | 13.56     | 41.33 | 13.24     | 44.28 | 12.92     | 47.24 | 12.51     | 50.19 | 12.11     | 53.14 | 11.64     | 56.09 | 11.17                       | 59.05 | 250 | 24     |
|         | 1180 | 15.69                                          | 31.67 | 15.38     | 34.84 | 15.06     | 38.00 | 15.03     | 41.17 | 15.00     | 44.34 | 14.68     | 47.51 | 14.35     | 50.67 | 13.95     | 53.84 | 13.55     | 57.01 | 13.08     | 60.17 | 12.61                       | 63.34 |     |        |
|         | 1250 | 16.94                                          | 33.55 | 16.63     | 36.90 | 16.31     | 40.25 | 16.28     | 43.61 | 16.25     | 46.97 | 15.93     | 50.32 | 15.61     | 53.68 | 15.21     | 57.03 | 14.80     | 60.39 | 14.33     | 63.74 | 13.86                       | 67.10 |     |        |
|         | 1320 | 18.20                                          | 35.43 | 17.89     | 38.97 | 17.57     | 42.51 | 17.54     | 46.06 | 17.51     | 49.60 | 17.19     | 53.14 | 16.87     | 56.68 | 16.46     | 60.23 | 16.06     | 63.77 | 15.59     | 67.31 | 15.12                       | 70.85 |     |        |
|         | 1390 | 19.46                                          | 37.31 | 19.15     | 41.04 | 18.83     | 44.77 | 18.80     | 48.50 | 18.77     | 52.23 | 18.45     | 55.96 | 18.12     | 59.69 | 17.72     | 63.42 | 17.32     | 67.15 | 16.85     | 70.88 | 16.38                       | 74.61 |     |        |
|         | 1470 | 20.89                                          | 39.46 | 20.58     | 43.40 | 20.26     | 47.34 | 20.23     | 50.93 | 20.20     | 54.52 | 19.88     | 58.82 | 19.56     | 63.13 | 19.16     | 67.07 | 18.75     | 71.02 | 18.28     | 74.96 | 17.81                       | 78.91 |     |        |
|         | 1560 | 22.51                                          | 41.87 | 22.20     | 46.06 | 21.88     | 50.24 | 21.85     | 54.43 | 21.82     | 58.61 | 21.50     | 62.80 | 21.18     | 66.99 | 20.77     | 71.18 | 20.37     | 75.36 | 19.90     | 79.55 | 19.43                       | 83.74 |     |        |
|         | 1650 | 24.12                                          | 44.28 | 23.81     | 48.71 | 23.50     | 53.14 | 23.47     | 57.57 | 23.43     | 62.00 | 23.11     | 66.43 | 22.79     | 70.85 | 22.39     | 75.28 | 21.98     | 79.71 | 21.51     | 84.14 | 21.04                       | 88.57 |     |        |
|         | 1750 | 25.92                                          | 46.97 | 25.61     | 51.67 | 25.29     | 56.36 | 25.26     | 61.06 | 25.23     | 65.75 | 24.91     | 70.45 | 24.59     | 75.15 | 24.18     | 79.85 | 23.78     | 84.54 | 23.31     | 89.24 | 22.84                       | 93.94 |     |        |
|         | 1850 | 27.71                                          | 49.65 | 27.40     | 54.62 | 27.09     | 59.59 | 27.06     | 64.55 | 27.02     | 69.51 | 26.70     | 74.48 | 26.38     | 79.44 | 25.98     | 84.41 | 25.57     | 89.37 | 25.10     | 94.34 | 24.64                       | 99.30 |     |        |



# TRS PERFORMANCE TABLE

NOTE : inlet flow rate  $Q_s = m^3/min$

| Model    | RPM  | Type TRS-200A performance ( RSW-200A + RSW-200A ) |       |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        | Cooling Water Volumes(L/min) |        |     |        |
|----------|------|---------------------------------------------------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|------------------------------|--------|-----|--------|
|          |      | 1000mmAq                                          |       | 1100mmAq |        | 1200mmAq |        | 1300mmAq |        | 1400mmAq |        | 1500mmAq |        | 1600mmAq |        | 1700mmAq |        | 1800mmAq |        | 1900mmAq |        | 2000mmAq                     |        | Air | Blower |
|          |      | Qs                                                | kw    | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |                              |        |     |        |
| TRS-200A | 990  | 28.10                                             | 65.33 | 27.76    | 71.86  | 27.41    | 78.39  | 27.24    | 84.93  | 26.73    | 91.46  | 26.37    | 97.99  | 26.00    | 104.52 | 25.72    | 111.06 | 25.43    | 117.59 | 24.73    | 124.12 | 24.03                        | 130.66 | 400 | 40     |
|          | 1050 | 30.23                                             | 69.29 | 29.89    | 76.22  | 29.55    | 83.14  | 29.38    | 90.07  | 28.87    | 97.00  | 28.56    | 103.93 | 28.24    | 110.86 | 27.95    | 117.79 | 27.66    | 124.72 | 26.96    | 131.65 | 26.26                        | 138.57 |     |        |
|          | 1110 | 32.37                                             | 73.25 | 32.03    | 80.57  | 31.69    | 87.90  | 31.52    | 95.22  | 31.01    | 102.54 | 30.67    | 109.87 | 30.32    | 117.19 | 30.11    | 124.52 | 29.89    | 131.84 | 29.19    | 139.17 | 28.49                        | 146.49 |     |        |
|          | 1180 | 34.90                                             | 77.87 | 34.51    | 85.65  | 34.12    | 93.44  | 34.02    | 101.23 | 33.53    | 109.01 | 33.18    | 116.80 | 32.83    | 124.58 | 32.66    | 132.37 | 32.49    | 140.16 | 31.79    | 147.94 | 31.09                        | 155.73 |     |        |
|          | 1250 | 37.33                                             | 82.48 | 36.99    | 90.73  | 36.64    | 98.98  | 36.52    | 107.23 | 36.06    | 115.48 | 35.74    | 123.73 | 35.41    | 131.98 | 35.25    | 140.22 | 35.09    | 148.47 | 34.40    | 156.72 | 33.70                        | 164.97 |     |        |
|          | 1320 | 39.85                                             | 87.10 | 39.51    | 95.81  | 39.17    | 104.52 | 39.00    | 113.23 | 38.49    | 121.95 | 38.15    | 130.66 | 37.80    | 139.37 | 37.75    | 148.08 | 37.70    | 156.79 | 37.00    | 165.50 | 36.30                        | 174.21 |     |        |
|          | 1390 | 42.28                                             | 91.72 | 41.94    | 100.90 | 41.60    | 110.07 | 41.48    | 119.24 | 41.02    | 128.41 | 40.67    | 137.58 | 40.31    | 146.76 | 40.30    | 155.93 | 40.30    | 165.10 | 39.60    | 174.27 | 38.90                        | 183.45 |     |        |

| Model   | RPM  | Type TRS-200 performance ( RSW-200 + RSW-200A ) |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        | Cooling Water Volume(L/min) |        |
|---------|------|-------------------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|-----------------------------|--------|
|         |      | 1000mmAq                                        |        | 1100mmAq |        | 1200mmAq |        | 1300mmAq |        | 1400mmAq |        | 1500mmAq |        | 1600mmAq |        | 1700mmAq |        | 1800mmAq |        | 1900mmAq |        | 2000mmAq |        | Air                         | Blower |
|         |      | Qs                                              | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |          |        |                             |        |
| TRS-200 | 990  | 36.10                                           | 74.66  | 35.65    | 82.13  | 35.20    | 89.59  | 34.80    | 97.06  | 34.40    | 104.52 | 33.70    | 109.95 | 33.01    | 115.38 | 32.83    | 124.89 | 32.65    | 134.39 | 31.75    | 141.85 | 30.84    | 149.32 | 400                         | 45     |
|         | 1050 | 38.90                                           | 79.19  | 38.45    | 87.10  | 38.00    | 95.02  | 37.60    | 102.94 | 37.20    | 110.86 | 36.48    | 116.74 | 35.76    | 122.62 | 35.64    | 132.58 | 35.51    | 142.53 | 34.61    | 150.45 | 33.71    | 158.37 |                             |        |
|         | 1110 | 41.60                                           | 83.71  | 41.15    | 92.08  | 40.70    | 100.45 | 40.25    | 108.82 | 39.80    | 117.19 | 39.16    | 123.53 | 38.51    | 129.86 | 38.45    | 140.27 | 38.38    | 150.68 | 37.48    | 159.05 | 36.58    | 167.42 |                             |        |
|         | 1180 | 44.80                                           | 88.99  | 44.35    | 97.89  | 43.90    | 106.79 | 43.50    | 115.69 | 43.10    | 124.58 | 42.41    | 131.11 | 41.72    | 137.63 | 41.73    | 148.91 | 41.73    | 160.18 | 40.83    | 169.08 | 39.92    | 177.98 |                             |        |
|         | 1250 | 48.00                                           | 94.27  | 47.55    | 103.70 | 47.10    | 113.12 | 46.70    | 122.55 | 46.30    | 131.98 | 45.62    | 139.03 | 44.94    | 146.08 | 45.00    | 157.88 | 45.07    | 169.68 | 44.17    | 179.11 | 43.27    | 188.54 |                             |        |
|         | 1320 | 51.20                                           | 99.55  | 50.75    | 109.50 | 50.30    | 119.46 | 49.90    | 129.41 | 49.50    | 139.37 | 48.82    | 146.95 | 48.15    | 154.52 | 48.28    | 166.85 | 48.42    | 179.18 | 47.52    | 189.14 | 46.61    | 199.09 |                             |        |
|         | 1390 | 54.40                                           | 104.83 | 54.00    | 115.31 | 53.60    | 125.79 | 53.15    | 136.27 | 52.70    | 146.76 | 52.03    | 154.86 | 51.36    | 162.97 | 51.56    | 175.83 | 51.76    | 188.69 | 50.86    | 199.17 | 49.96    | 209.65 |                             |        |

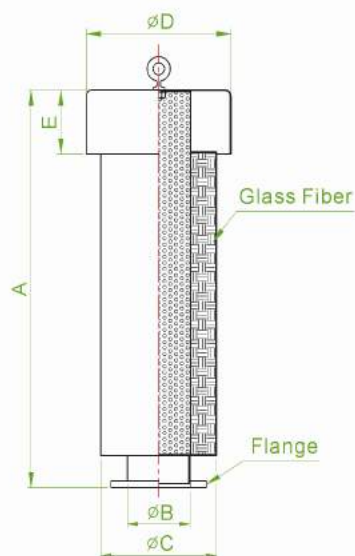
| Model   | RPM  | Type TRS-250 performance ( RSW-250 + RSW-200 ) |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        | Cooling Water Volume(L/min) |        |     |        |
|---------|------|------------------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|-----------------------------|--------|-----|--------|
|         |      | 1000mmAq                                       |        | 1100mmAq |        | 1200mmAq |        | 1300mmAq |        | 1400mmAq |        | 1500mmAq |        | 1600mmAq |        | 1700mmAq |        | 1800mmAq |        | 1900mmAq |        | 2000mmAq                    |        | Air | Blower |
|         |      | Qs                                             | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     |                             |        |     |        |
| TRS-250 | 990  | 49.60                                          | 97.99  | 49.15    | 107.79 | 48.70    | 117.59 | 48.20    | 127.39 | 47.70    | 137.19 | 47.18    | 146.99 | 46.67    | 156.79 | 46.14    | 166.59 | 45.60    | 176.39 | 45.05    | 186.18 | 44.50                       | 195.98 | 400 | 50     |
|         | 1050 | 53.30                                          | 103.93 | 52.80    | 114.32 | 52.30    | 124.72 | 51.85    | 135.11 | 51.40    | 145.50 | 50.89    | 155.90 | 50.38    | 166.29 | 49.86    | 176.68 | 49.35    | 187.08 | 48.84    | 197.47 | 48.32                       | 207.86 |     |        |
|         | 1110 | 57.00                                          | 109.87 | 56.50    | 120.86 | 56.00    | 131.84 | 55.50    | 142.83 | 55.00    | 153.82 | 54.54    | 164.80 | 54.09    | 175.79 | 53.59    | 186.78 | 53.10    | 197.77 | 52.62    | 208.75 | 52.15                       | 219.74 |     |        |
|         | 1180 | 61.30                                          | 116.80 | 60.80    | 128.48 | 60.30    | 140.16 | 59.80    | 151.84 | 59.30    | 163.52 | 58.86    | 175.20 | 58.41    | 186.88 | 57.94    | 198.56 | 57.47    | 210.24 | 57.04    | 221.92 | 56.61                       | 233.60 |     |        |
|         | 1250 | 65.50                                          | 123.73 | 65.00    | 136.10 | 64.50    | 148.47 | 64.05    | 160.85 | 63.60    | 173.22 | 63.17    | 185.59 | 62.74    | 197.96 | 62.29    | 210.34 | 61.84    | 222.71 | 61.45    | 235.08 | 61.07                       | 247.45 |     |        |
|         | 1320 | 69.80                                          | 130.66 | 69.30    | 143.72 | 68.80    | 156.79 | 68.35    | 169.85 | 67.90    | 182.92 | 67.48    | 195.98 | 67.07    | 209.05 | 66.64    | 222.11 | 66.21    | 235.18 | 65.87    | 248.25 | 65.53                       | 261.31 |     |        |
|         | 1390 | 74.10                                          | 137.58 | 73.60    | 151.34 | 73.10    | 165.10 | 72.55    | 178.86 | 72.00    | 192.62 | 71.70    | 206.38 | 71.39    | 220.14 | 70.99    | 233.89 | 70.58    | 247.65 | 70.28    | 261.41 | 69.99                       | 275.17 |     |        |

| Model   | RPM  | Type TRS-300 performance ( RSW-300 + RSW-300 ) |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        | Cooling Water Volume(L/min) |        |     |        |
|---------|------|------------------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|-----------------------------|--------|-----|--------|
|         |      | 1000mmAq                                       |        | 1100mmAq |        | 1200mmAq |        | 1300mmAq |        | 1400mmAq |        | 1500mmAq |        | 1600mmAq |        | 1700mmAq |        | 1800mmAq |        | 1900mmAq |        | 2000mmAq                    |        | Air | Blower |
|         |      | Qs                                             | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs       | kw     | Qs                          | kw     |     |        |
| TRS-300 | 700  | 73.90                                          | 169.83 | 72.90    | 184.60 | 71.90    | 199.37 | 71.05    | 215.98 | 70.20    | 232.60 | 69.42    | 246.38 | 68.65    | 260.17 | 67.47    | 276.43 | 66.30    | 292.69 | 65.13    | 308.95 | 63.97                       | 325.21 | 500 | 55     |
|         | 800  | 87.30                                          | 194.09 | 86.30    | 210.97 | 85.30    | 227.85 | 84.45    | 246.84 | 83.60    | 265.82 | 82.81    | 281.58 | 82.02    | 297.33 | 80.84    | 315.92 | 79.67    | 334.50 | 78.50    | 353.08 | 77.34                       | 371.67 |     |        |
|         | 900  | 100.80                                         | 218.35 | 99.80    | 237.34 | 98.80    | 256.33 | 97.95    | 277.69 | 97.10    | 299.05 | 96.24    | 316.78 | 95.39    | 334.50 | 94.21    | 355.41 | 93.04    | 376.31 | 91.87    | 397.22 | 90.70                       | 418.13 |     |        |
|         | 1000 | 114.10                                         | 242.62 | 113.10   | 263.71 | 112.10   | 284.81 | 111.25   | 308.54 | 110.40   | 332.28 | 109.58   | 351.97 | 108.75   | 371.67 | 107.58   | 394.90 | 106.41   | 418.13 | 105.24   | 441.36 | 104.07                      | 464.58 |     |        |
|         | 1100 | 127.60                                         | 266.88 | 126.60   | 290.08 | 125.60   | 313.29 | 124.75   | 339.40 | 123.90   | 365.51 | 123.01   | 387.17 | 122.12   | 408.83 | 120.95   | 434.39 | 119.77   | 459.94 | 118.61   | 485.49 | 117.44                      | 511.04 |     |        |
|         | 1200 | 141.00                                         | 291.14 | 140.00   | 316.46 | 139.00   | 341.77 | 138.15   | 370.25 | 137.30   | 398.73 | 136.40   | 422.37 | 135.49   | 446.00 | 134.32   | 473.88 | 133.14   | 501.75 | 131.98   | 529.63 | 130.81                      | 557.50 |     |        |
|         | 1300 | 154.60                                         | 315.40 | 153.60   | 342.83 | 152.60   | 370.25 | 151.75   | 401.11 | 150.90   | 431.96 | 149.88   | 457.57 | 148.86   | 483.17 | 147.69   | 513.37 | 146.51   | 543.56 | 145.35   | 573.76 | 144.18                      | 603.96 |     |        |
|         | 1400 | 166.49                                         | 339.66 | 165.42   | 369.20 | 164.34   | 398.73 | 163.42   | 431.96 | 162.51   | 465.19 | 162.37   | 492.76 | 162.23   | 520.33 | 161.05   | 552.86 | 159.88   | 585.38 | 158.71   | 617.90 | 157.55                      | 650.42 |     |        |



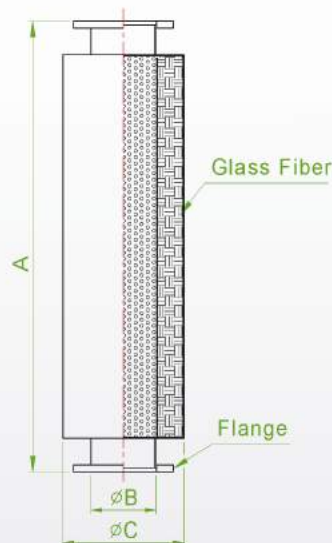
## DIMENSION OF ACCESSORIES

### Suction Silencer



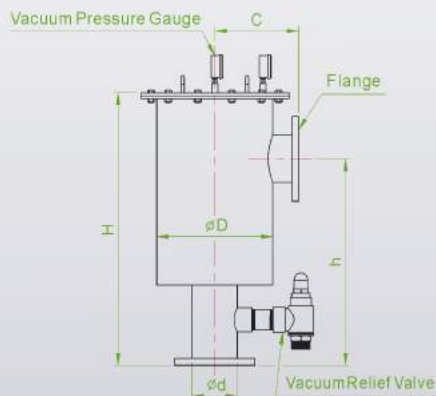
| TYPE   | A    | φB  | φC  | φD  | E   | Flange      | Fitting Model      |
|--------|------|-----|-----|-----|-----|-------------|--------------------|
| SS32   | 112  | 32  | 26  | 156 | 36  | 1" PF       | RSS-32             |
| SS40   | 400  | 60  | 109 | 170 | 70  | JIS 2" 5K   | RSS-40             |
| SS50   | 566  | 60  | 140 | 217 | 80  | JIS 2" 10K  | RSS-50             |
| SS65   | 566  | 76  | 165 | 217 | 80  | JIS 2½" 10K | RSS-65             |
| SS80   | 835  | 89  | 216 | 313 | 150 | JIS 3" 10K  | RSS-80             |
| SS100  | 835  | 114 | 240 | 313 | 150 | JIS 4" 10K  | RSS-100            |
| SS125  | 1321 | 140 | 280 | 395 | 185 | JIS 5" 10K  | RSS-125 ; RSS-125A |
| SS150  | 1321 | 165 | 300 | 395 | 185 | JIS 6" 10K  | RSS-150            |
| SS200  | 1508 | 216 | 400 | 496 | 280 | JIS 8" 10K  | RSS-200 ; RSS-200A |
| SS250  | 1715 | 267 | 400 | 572 | 280 | JIS 10" 10K | RSS-250            |
| SS300A | 1857 | 319 | 500 | 611 | 375 | JIS 12" 10K | RSS-300A           |
| SS300  | 1967 | 319 | 500 | 611 | 375 | JIS 12" 10K | RSS-300            |
| SS350  | 2237 | 356 | 550 | 676 | 425 | JIS 14" 10K | RSS-350            |
| SS400  | 2533 | 406 | 600 | 720 | 470 | JIS 16" 10K | RSS-400            |

### Discharge Silencer



| TYPE   | A    | φB  | φC  | Flange      | Fitting Model      |
|--------|------|-----|-----|-------------|--------------------|
| DS50   | 589  | 60  | 140 | JIS 2" 10K  | RSS-40 ; RSS-50    |
| DS65   | 589  | 76  | 165 | JIS 2½" 10K | RSS-65             |
| DS80   | 789  | 89  | 216 | JIS 3" 10K  | RSS-80             |
| DS100  | 789  | 114 | 240 | JIS 4" 10K  | RSS-100            |
| DS125  | 1260 | 140 | 280 | JIS 5" 10K  | RSS-125 ; RSS-125A |
| DS150  | 1260 | 165 | 300 | JIS 6" 10K  | RSS-150            |
| DS200  | 1640 | 216 | 400 | JIS 8" 10K  | RSS-200 ; RSS-200A |
| DS250  | 1760 | 267 | 400 | JIS 10" 10K | RSS-250            |
| DS300A | 1750 | 319 | 500 | JIS 12" 10K | RSS-300A           |
| DS300  | 1850 | 319 | 500 | JIS 12" 10K | RSS-300            |
| DS350  | 2500 | 356 | 550 | JIS 14" 10K | RSS-350            |
| DS400  | 2700 | 406 | 600 | JIS 16" 10K | RSS-400            |

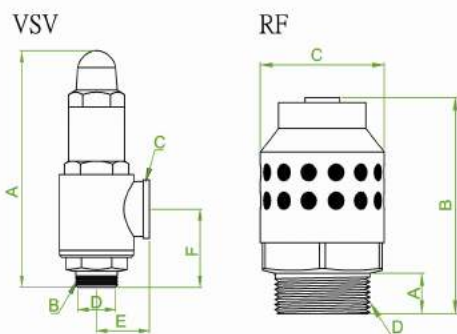
### Vacuum Filter Tank (for RSV)



| TYPE  | H    | h    | C   | φD  | φd  | Flange      | Fitting Model      |
|-------|------|------|-----|-----|-----|-------------|--------------------|
| FT40  | 657  | 459  | 202 | 244 | 60  | JIS 2" 5K   | RSV-40             |
| FT50  | 657  | 459  | 202 | 244 | 60  | JIS 2" 10K  | RSV-50             |
| FT65  | 657  | 459  | 202 | 244 | 76  | JIS 2½" 10K | RSV-65             |
| FT80  | 877  | 613  | 202 | 244 | 89  | JIS 3" 10K  | RSV-80             |
| FT100 | 877  | 613  | 202 | 244 | 114 | JIS 4" 10K  | RSV-100            |
| FT125 | 805  | 610  | 260 | 360 | 140 | JIS 5" 10K  | RSV-125 ; RSV-125A |
| FT150 | 925  | 690  | 260 | 360 | 165 | JIS 6" 10K  | RSV-150            |
| FT200 | 1075 | 770  | 310 | 470 | 216 | JIS 8" 10K  | RSV-200 ; RSV-200A |
| FT250 | 1200 | 900  | 310 | 470 | 267 | JIS 10" 10K | RSV-250            |
| FT300 | 1350 | 1000 | 405 | 600 | 319 | JIS 12" 10K | RSV-300 ; RSV-300A |
| FT350 | 1550 | 1150 | 455 | 700 | 356 | JIS 14" 10K | RSV-350            |
| FT400 | 1750 | 1250 | 455 | 700 | 406 | JIS 16" 10K | RSV-400            |

## DIMENSION OF ACCESSORIES

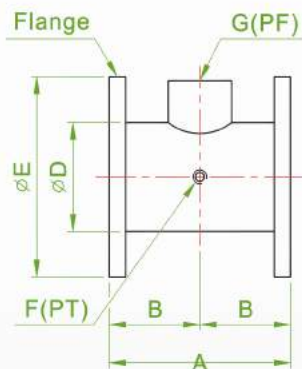
### Vacuum Relief Valve



| TYPE    | A   | B   | C   | D   | E  | F  | Fitting Model                     |
|---------|-----|-----|-----|-----|----|----|-----------------------------------|
| VSV 1¼" | 210 | 1¼" | 1¼" | 1¼" | 51 | 70 | RSV-40,50,65,80                   |
| VSV 2"  | 255 | 2"  | 2"  | 2"  | 67 | 89 | RSV-100,125A,125,150,200A,200,250 |

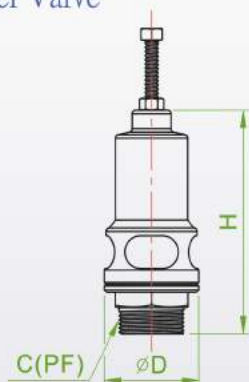
| TYPE  | A  | B   | C   | D  | Fitting Model        |
|-------|----|-----|-----|----|----------------------|
| RF 4" | 35 | 168 | 128 | 4" | RSV-300A,300,350,400 |

### "T"-Joint



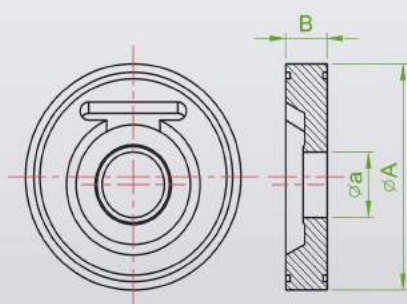
| TYPE  | A   | B   | φD  | φE  | G     | F  | Flange      | Fitting Model      |
|-------|-----|-----|-----|-----|-------|----|-------------|--------------------|
| HJ50  | 150 | 75  | 60  | 155 | 1¼"   | ¼" | JIS 2" 10K  | RSS-40 : RSS-50    |
| HJ65  | 150 | 75  | 76  | 175 | 1¼"   | ¼" | JIS 2½" 10K | RSS-65             |
| HJ80  | 180 | 90  | 89  | 185 | 1¼"   | ¼" | JIS 3" 10K  | RSS-80             |
| HJ100 | 180 | 90  | 114 | 210 | 2"    | ¼" | JIS 4" 10K  | RSS-100            |
| HJ125 | 250 | 125 | 140 | 250 | 2"    | ¼" | JIS 5" 10K  | RSS-125 : RSS-125A |
| HJ150 | 250 | 125 | 165 | 280 | 2"    | ¼" | JIS 6" 10K  | RSS-150            |
| HJ200 | 250 | 125 | 216 | 330 | 3"    | ¼" | JIS 8" 10K  | RSS-200 : RSS-200A |
| HJ250 | 250 | 125 | 267 | 400 | 3"    | ¼" | JIS 10" 10K | RSS-250            |
| HJ300 | 300 | 150 | 319 | 445 | 3"    | ¼" | JIS 12" 10K | RSS-300 : RSS-300A |
| HJ350 | 350 | 175 | 356 | 490 | DN150 | ¼" | JIS 14" 10K | RSS-350            |
| HJ400 | 350 | 175 | 406 | 560 | DN150 | ¼" | JIS 16" 10K | RSS-400            |

### Relief Valve



| TYPE   | H   | φD  | φC    | Fitting Model             |
|--------|-----|-----|-------|---------------------------|
| PP ½"  | 182 | 72  | ½"    | RSS-32                    |
| PP 1¼" | 182 | 72  | 1¼"   | RSS-40,50,65,80           |
| PP 2"  | 192 | 85  | 2"    | RSS-100,125A,125,150      |
| PP 3"  | 231 | 115 | 3"    | RSS-200A,200,250,300A,300 |
| SD 150 | 292 | 225 | DN150 | RSS-350,400               |

### Check Valve



| TYPE               | φA    | φa  | B  |
|--------------------|-------|-----|----|
| RSS-40 : RSS-50    | 101   | 26  | 20 |
| RSS-65             | 124.5 | 36  | 24 |
| RSS-80             | 133   | 45  | 24 |
| RSS-100            | 157   | 65  | 22 |
| RSS-125 : RSS-125A | 187   | 88  | 24 |
| RSS-150            | 220   | 110 | 26 |
| RSS-200 : RSS-200A | 269   | 138 | 27 |
| RSS-250            | 330   | 186 | 28 |
| RSS-300 : RSS-300A | 380   | 212 | 32 |
| RSS-350            | 428   | 260 | 35 |
| RSS-400            | 482   | 290 | 40 |

### Vibration Isolator



φ50mm\*75mm

Fitting Model :  
RSS-40,50,65,80,100



Fitting Model :  
all RSS type



## SOUND-PROOF(OPTIONAL)



1. The inside of sound proof use **fiber glass** and **foaming material** for making sure of good effect and outside material is made of **SS41**.
2. The sound proof can reduce the noise **15dB~20dB than before**.
3. The outlet fan of sound proof can increase air circulation and remove heat.