

RSR-KS

ROTARY AIR BLOWERS



Rotary Air Blowers

Tsurumi's RSR-KS series rotary air blowers are equipped with a 3-lobe spur rotor. This rotor, as the most important component of a blower, is designed for corrosion resistance, heat resistance and durability, in addition to low noise, low vibration, ease of maintenance and high efficiency, thus providing stable performance, and ensuring smooth operation of the blower over a long period of time.

The product lineup of the RSR-KS series comprises air-cooled types (discharge bore diameter: 50 to 300 mm) and water-cooled types (discharge bore diameter: 80 to 350 mm) as standard models. Whether used under low pressure (0.6 kg/cm² or less) or high pressure (0.6 to 0.8 kg/cm²), the appropriate model can be selected according to application.

Use at 0.8 kg/cm² or higher pressure is available as a special specification. In addition, blowers can be equipped with a helical rotor (discharge bore diameter: 80 to 250 mm).

The RSR-KS series is suited for various applications, such as for aeration at wastewater treatment facilities, agitation of wastewater and sewage, decomposition and scum prevention, and oxygen supply at fish farms.

Tsurumi also offers other water treatment equipment besides blowers, including submersible pumps, aerators, mixers, scum skimmers, bar screens and dehydrators. These products have been tested and proven for many years in the field of water treatment, and can be supplied as a total package.



Blower with 3-lobe Spur Rotor

•Rotor

The 3-lobe spur rotor is designed for corrosion resistance, heat resistance and durability, in addition to low noise, low vibration and high efficiency operation.

•Casing

Fluid is drawn from the inlet on the upper stage and discharged from the side on the lower stage. This structure reduces noise and provides higher efficiency.

•Side Cover

The side cover supports the bearing and is structured to allow compressed air that has leaked via the shaft to flow out of the casing, without intrusion into other components. With water-cooled type blowers, cooling water is supplied to protect the bearing against temperature rise during operation at high pressure.

•Shaft

The shaft is made of carbon steel for mechanical structure, which has undergone precision machining for shrink-fitting in the rotor.

•Timing gear

The timing gear is made of chromium molybdenum steel. A Class 1 spur or helical gear is used to ensure stable power transmission, resulting in friction noise reduction.

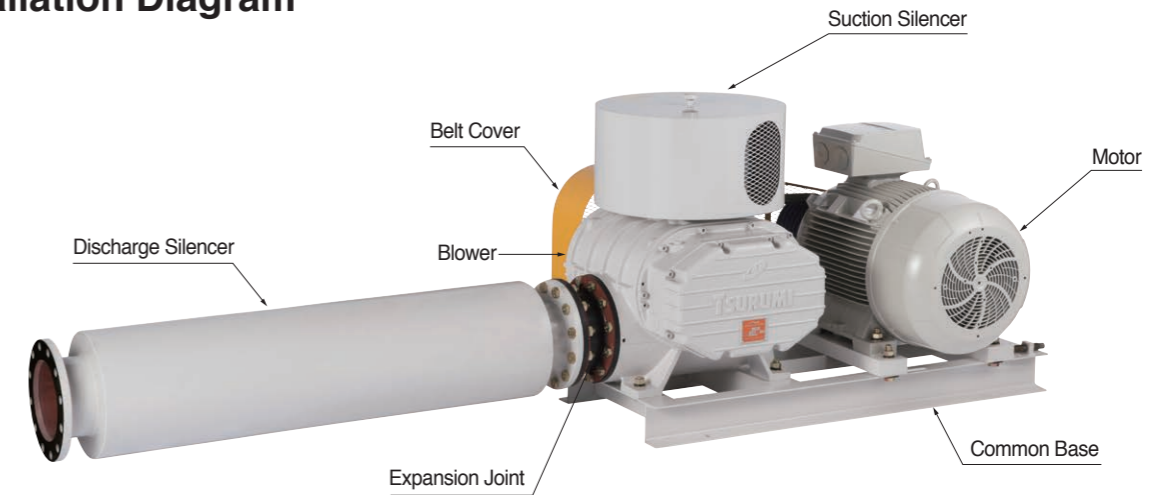


Applications

- Aeration in sewage or industrial wastewater treatment plants
- As air-lift pumps in sewage or industrial wastewater treatment plants
- Oxygen supply at aquariums and fish farms
- Pneumatic conveyer



Installation Diagram



Standard Accessories

- Common Base
- Suction Silencer (with Air Filter)
- Discharge Silencer
- Belt Cover
- Flexi Check or Expansion Joint
- Pressure Gauge
- Safety Valve
- Pulley
- V-belt
- Anchor Bolts

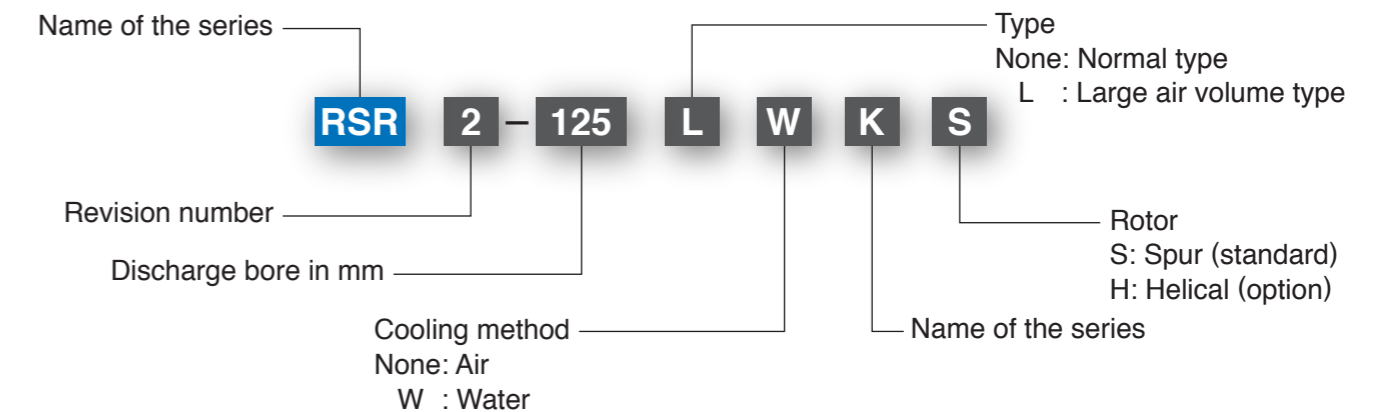
Optional Accessories

- Anti-vibration Rubber
- Acoustic Hood
- Indoor Use Drip-proof Motor

Special Specifications

- Electroless Nickel Plating
- All Stainless Steel Version (Blower)

Model Number Designation



How To Select The Blower Model

The Selection Chart indicates the relationships between blower model, bores, revolutions, discharge pressures, actual air flow rates, and the shaft powers.

1. The amount of air indicated in the Selection Chart represents the suction amount under the following standard conditions: temperature 20°C, absolute pressure 101.3kPa, and relative humidity 70%.
2. The amount of air under reference conditions (0°C, absolute pressure 101.3kPa, dry) can be converted to amounts of air under standard suction conditions by the formula below if the suction pressures are the same:

$$Q_s = Q_n \times \frac{273 + t_s}{273}$$

where
 Q_s , amount of air (m³/min) under standard suction conditions indicated on the Selection Chart;
 Q_n , amount of air (m³/min) under reference suction conditions;
 Suction pressure is ambient pressure, 101.3kPa;
 t_s , suction temperature in °C

3. To convert amounts of air under discharge conditions to amounts of air under standard suction conditions indicated on the Selection Chart, use the following formula:

$$Q_s = Q_d \times \frac{101.3 + P_d}{101.3} \times \frac{273 + t_s}{273 + t_d}$$

Q_d , amount of air (m³/min.) under discharge conditions;
 P_d , discharge pressure (kPa)
 t_s , suction temperature in °C
 t_d , discharge temperature in °C

4. Using the amount of air and the necessary discharge pressure obtained from the above calculations, determine your blower model, bore, revolution, and shaft power referring to the Selection Chart.
5. Your selectable range can overlap several models. It is recommended that one with a smaller model number be selected for cost economy, or one with a larger model number be selected for lower noise.
6. For necessary motor output, refer to required power (La) in the Selection Chart.

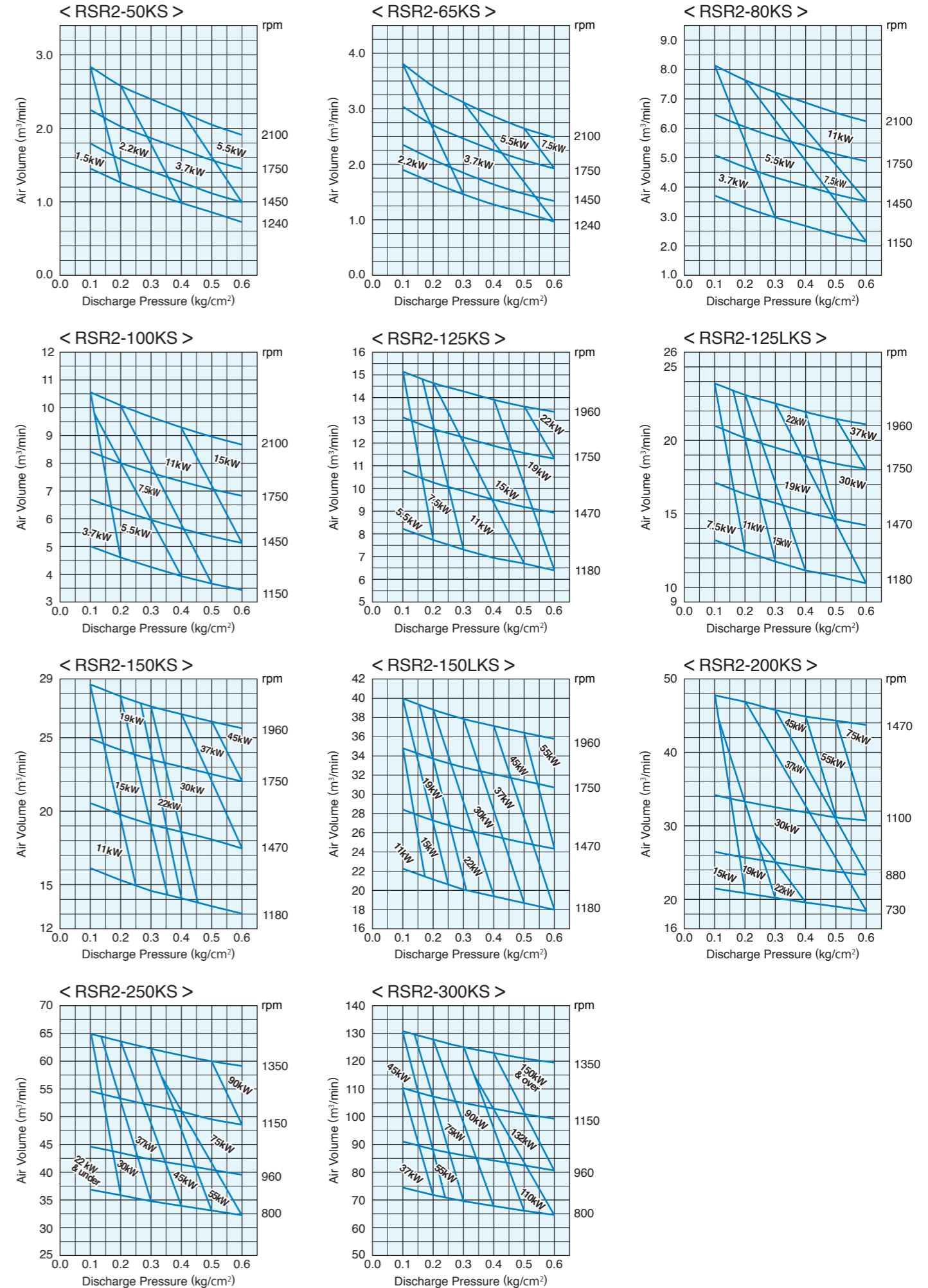
Selection Chart (for reference)

| Model (Discharge Bore in mm) | Speed (rpm) | Suction air volume at standard condition (Qs in m ³ /min) and required power (La in kW) | | | | | | | | | | | |
|------------------------------------|----------------|--|-------|---------------------------------|-------|---------------------------------|-------|---------------------------------|--------|---------------------------------|--------|---------------------------------|--------|
| | | 0.1kg/cm ² (9.8kPa) | | 0.2kg/cm ² (19.6kPa) | | 0.3kg/cm ² (29.4kPa) | | 0.4kg/cm ² (39.2kPa) | | 0.5kg/cm ² (49.0kPa) | | 0.6kg/cm ² (58.8kPa) | |
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La |
| RSR2-50KS (50) | 1240 | 1.46 | 0.74 | 1.26 | 1.07 | 1.12 | 1.37 | 0.99 | 1.68 | 0.86 | 2.02 | 0.72 | 2.32 |
| | 1450 | 1.79 | 0.87 | 1.58 | 1.23 | 1.42 | 1.58 | 1.27 | 1.94 | 1.12 | 2.31 | 1.00 | 2.68 |
| | 1750 | 2.25 | 1.02 | 2.03 | 1.48 | 1.87 | 1.95 | 1.72 | 2.41 | 1.57 | 2.88 | 1.45 | 3.34 |
| | 2100 | 2.84 | 1.24 | 2.58 | 1.82 | 2.40 | 2.39 | 2.23 | 2.98 | 2.05 | 3.57 | 1.91 | 4.16 |
| RSR2-65KS (65) | 1240 | 1.90 | 0.97 | 1.66 | 1.36 | 1.46 | 1.70 | 1.27 | 2.06 | 1.12 | 2.39 | 0.96 | 2.63 |
| | 1450 | 2.35 | 1.10 | 2.08 | 1.57 | 1.84 | 1.98 | 1.63 | 2.44 | 1.46 | 2.86 | 1.34 | 3.36 |
| | 1750 | 3.04 | 1.35 | 2.70 | 1.93 | 2.46 | 2.51 | 2.25 | 3.19 | 2.07 | 3.85 | 1.92 | 4.60 |
| | 2100 | 3.81 | 1.62 | 3.40 | 2.32 | 3.11 | 3.03 | 2.86 | 3.87 | 2.64 | 4.68 | 2.48 | 5.65 |
| RSR2-80KS (80) | 1150 | 3.72 | 1.45 | 3.31 | 2.16 | 2.96 | 2.74 | 2.67 | 3.31 | 2.37 | 3.76 | 2.14 | 4.19 |
| | 1450 | 5.09 | 1.79 | 4.68 | 2.75 | 4.33 | 3.60 | 4.04 | 4.50 | 3.75 | 5.36 | 3.52 | 6.20 |
| | 1750 | 6.46 | 2.09 | 6.05 | 3.27 | 5.70 | 4.36 | 5.41 | 5.55 | 5.12 | 6.73 | 4.88 | 7.91 |
| | 2100 | 8.14 | 2.51 | 7.64 | 3.94 | 7.22 | 5.27 | 6.88 | 6.71 | 6.53 | 8.17 | 6.24 | 9.63 |
| RSR2-100KS (100) | 1150 | 5.01 | 1.82 | 4.60 | 2.82 | 4.25 | 3.73 | 3.94 | 4.73 | 3.67 | 5.73 | 3.43 | 6.73 |
| | 1450 | 6.71 | 2.18 | 6.31 | 3.45 | 5.96 | 4.64 | 5.65 | 5.82 | 5.37 | 7.09 | 5.13 | 8.36 |
| | 1750 | 8.41 | 2.55 | 8.01 | 4.09 | 7.66 | 5.64 | 7.35 | 7.18 | 7.07 | 8.64 | 6.83 | 10.18 |
| | 2100 | 10.57 | 3.05 | 10.09 | 4.91 | 9.67 | 6.78 | 9.30 | 8.69 | 8.96 | 10.43 | 8.67 | 12.31 |
| RSR2-125KS (125) | 1180 | 8.22 | 2.59 | 7.74 | 4.17 | 7.31 | 5.75 | 6.94 | 7.33 | 6.70 | 8.92 | 6.40 | 10.50 |
| | 1470 | 10.78 | 3.32 | 10.27 | 5.38 | 9.89 | 7.44 | 9.51 | 9.51 | 9.19 | 11.63 | 8.94 | 13.96 |
| | 1750 | 13.13 | 3.98 | 12.63 | 6.43 | 12.26 | 8.88 | 11.88 | 11.33 | 11.57 | 13.98 | 11.32 | 16.63 |
| | 1960 | 15.16 | 4.45 | 14.65 | 7.19 | 14.29 | 9.99 | 13.92 | 12.81 | 13.62 | 15.88 | 13.39 | 18.98 |
| RSR2-125LKS (125) | 1180 | 13.29 | 3.90 | 12.50 | 6.27 | 11.81 | 8.65 | 11.22 | 11.02 | 10.83 | 13.40 | 10.33 | 15.77 |
| | 1470 | 17.23 | 4.89 | 16.42 | 7.92 | 15.82 | 10.95 | 15.21 | 13.98 | 14.70 | 17.11 | 14.29 | 20.53 |
| | 1750 | 21.00 | 5.85 | 20.20 | 9.45 | 19.60 | 13.06 | 19.00 | 16.67 | 18.50 | 20.57 | 18.10 | 24.46 |
| | 1960 | 23.99 | 6.55 | 23.19 | 10.59 | 22.61 | 14.70 | 22.02 | 18.85 | 21.55 | 23.37 | 21.18 | 27.93 |
| RSR2-150KS (150) | 1180 | 16.13 | 4.51 | 15.31 | 7.39 | 14.57 | 10.29 | 14.05 | 13.26 | 13.53 | 16.15 | 13.01 | 18.77 |
| | 1470 | 20.56 | 5.61 | 19.75 | 9.31 | 19.09 | 13.04 | 18.58 | 16.91 | 18.07 | 20.78 | 17.45 | 24.30 |
| | 1750 | 24.95 | 6.71 | 24.17 | 11.16 | 23.52 | 15.74 | 23.02 | 20.53 | 22.52 | 25.12 | 22.01 | 29.43 |
| | 1960 | 28.65 | 7.48 | 27.82 | 12.47 | 27.13 | 17.63 | 26.61 | 23.04 | 26.10 | 28.27 | 25.64 | 33.29 |
| RSR2-150LKS (150) | 1180 | 22.27 | 6.07 | 21.14 | 10.06 | 20.11 | 14.16 | 19.39 | 18.41 | 18.67 | 22.59 | 17.96 | 26.72 |
| | 1470 | 28.39 | 7.67 | 27.27 | 12.67 | 26.36 | 17.84 | 25.65 | 23.32 | 24.94 | 28.60 | 24.33 | 34.06 |
| | 1750 | 34.80 | 9.17 | 33.70 | 15.41 | 32.80 | 21.69 | 32.10 | 28.38 | 31.40 | 34.88 | 30.70 | 41.29 |
| | 1960 | 39.95 | 10.22 | 38.80 | 17.23 | 37.84 | 24.30 | 37.10 | 31.85 | 36.40 | 39.25 | 35.76 | 46.70 |
| RSR2-200KS (200) | 730 | 21.57 | 6.02 | 20.94 | 10.14 | 20.29 | 14.48 | 19.68 | 18.83 | 19.08 | 22.84 | 18.48 | 26.74 |
| | 880 | 26.52 | 7.11 | 25.78 | 12.22 | 25.14 | 17.46 | 24.43 | 22.70 | 23.87 | 27.53 | 23.44 | 32.23 |
| | 1100 | 34.24 | 8.82 | 33.40 | 15.18 | 32.63 | 21.98 | 31.93 | 28.56 | 31.24 | 34.70 | 30.84 | 40.98 |
| | 1470 | 47.85 | 11.71 | 46.98 | 20.36 | 45.87 | 29.27 | 44.99 | 38.12 | 44.42 | 46.57 | 43.84 | 55.38 |
| RSR2-250KS (250) | 800 | 36.82 | 9.75 | 35.86 | 16.43 | 34.81 | 23.47 | 33.95 | 30.51 | 33.09 | 37.01 | 32.23 | 43.33 |
| | 960 | 44.63 | 11.70 | 43.47 | 19.72 | 42.28 | 28.17 | 41.35 | 36.61 | 40.43 | 44.41 | 39.53 | 52.00 |
| | 1150 | 54.58 | 13.84 | 53.29 | 23.70 | 52.06 | 34.23 | 50.95 | 44.34 | 49.54 | 53.61 | 48.60 | 63.01 |
| | 1350 | 64.99 | 15.90 | 63.61 | 27.52 | 62.29 | 39.74 | 61.10 | 51.77 | 60.02 | 63.18 | 59.18 | 74.98 |
| RSR2-300KS (300) | 800 | 74.64 | 20.81 | 71.85 | 30.73 | 69.81 | 44.04 | 67.88 | 57.36 | 66.26 | 70.67 | 64.65 | 84.15 |
| | 960 | 91.31 | 24.37 | 88.39 | 36.98 | 86.23 | 53.40 | 84.35 | 69.87 | 82.61 | 86.15 | 80.78 | 102.14 |
| | 1150 | 110.48 | 29.20 | 107.47 | 44.52 | 105.15 | 64.48 | 103.07 | 84.53 | 101.13 | 104.43 | 99.5 | 124.5 |
| | 1350 | 130.99 | 34.27 | 128.05 | 52.52 | 125.29 | 76.06 | 123.17 | 100.01 | 121.21 | 123.93 | 119.7 | 148.4 |

| | | | | |
|-------|-------|------|-------|--------------|
| 1.5kW | 7.5kW | 22kW | 55kW | 132kW |
| 2.2kW | 11kW | 30kW | 75kW | 150kW & over |
| 3.7kW | 15kW | 37kW | 90kW | |
| 5.5kW | 19kW | 45kW | 110kW | |

- Note**
- The motor must be selected with 10 to 20% margin from the required power (La in kW).
 - The standard condition is defined as a temperature of 20°C, absolute pressure of 101.3kPa, and relative humidity of 70%.
 - For blowers with a discharge bore diameter of 80 to 250mm, the 3-lobe spur rotor can be exchanged with a helical rotor (option).
 - In case of operating at 0.6kg/cm² (58.8kPa), if you need a larger model, contact your dealer or Tsurumi representative.

Performance Curves (for reference)

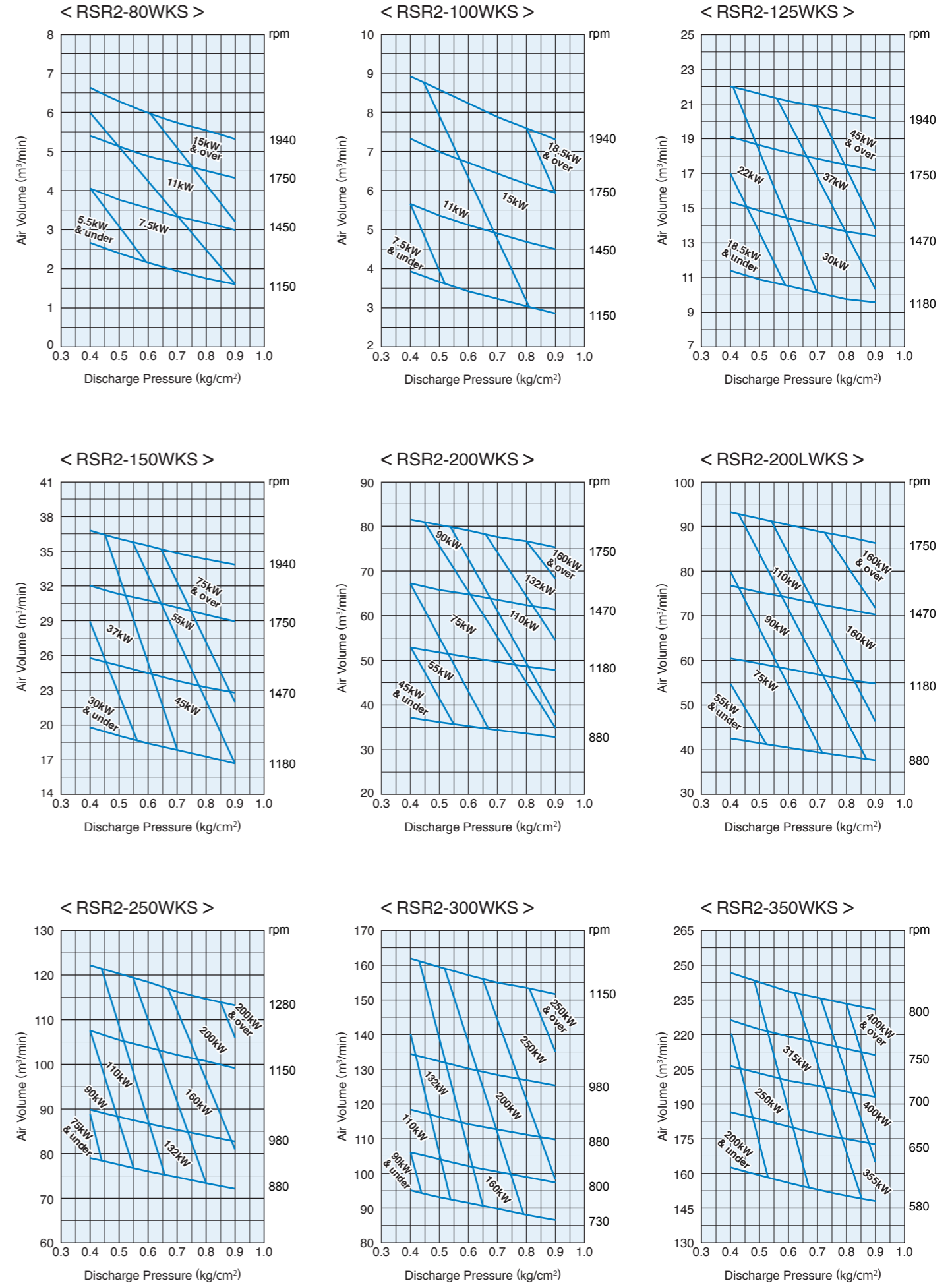


Selection Chart (for reference)

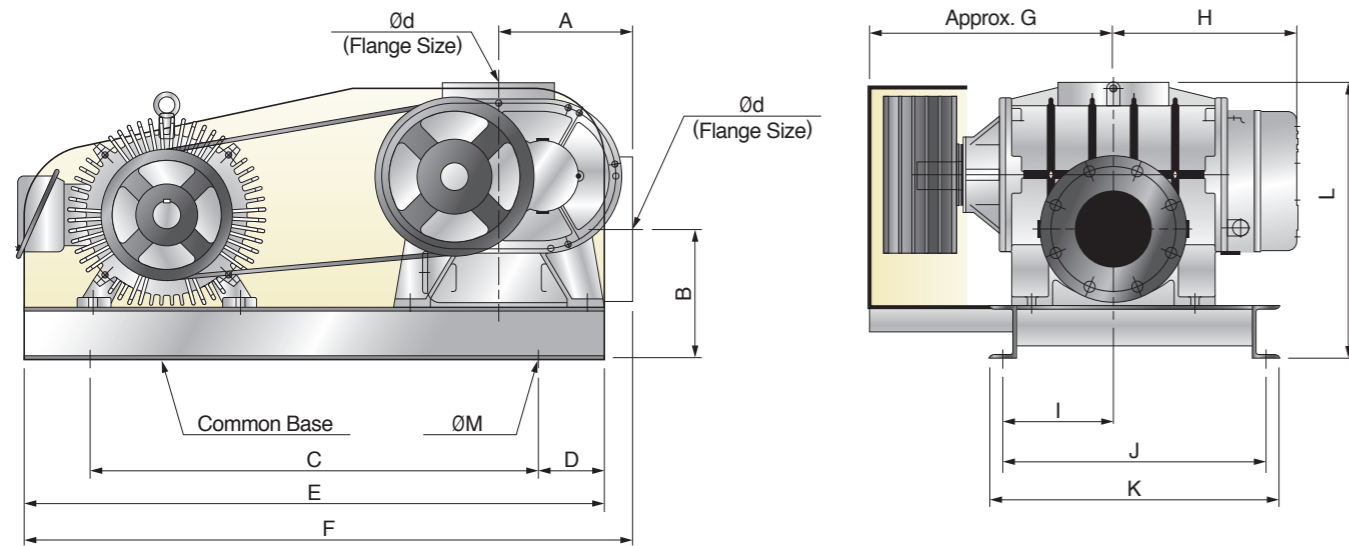
| Model (Discharge Bore in mm) | Speed (rpm) | Suction air volume at standard condition (Qs in m ³ /min) and required power (La in kW) | | | | | | | | | | Cooling Water (L/min) |
|------------------------------------|----------------|--|-------|-----------------------------------|-------|-----------------------------------|-------|-----------------------------------|-------|-----------------------------------|-------|-----------------------------|
| | | 0.4 kg/cm ² (39.2 kPa) | | 0.5 kg/cm ² (49.0 kPa) | | 0.6 kg/cm ² (58.8 kPa) | | 0.7 kg/cm ² (68.6 kPa) | | 0.8 kg/cm ² (78.5 kPa) | | |
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | |
| RSR2-80WKS (80) | 1150 | 2.67 | 3.70 | 2.39 | 4.31 | 2.16 | 4.89 | 1.94 | 5.44 | 1.76 | 6.08 | 6 |
| | 1300 | 3.35 | 4.33 | 3.06 | 5.13 | 2.82 | 5.85 | 2.62 | 6.66 | 2.44 | 7.50 | |
| | 1450 | 4.04 | 4.89 | 3.75 | 5.85 | 3.54 | 6.84 | 3.34 | 7.87 | 3.16 | 8.87 | |
| | 1500 | 4.21 | 5.02 | 3.91 | 6.02 | 3.68 | 7.04 | 3.49 | 8.12 | 3.31 | 9.15 | |
| | 1750 | 5.41 | 6.06 | 5.13 | 7.24 | 4.88 | 8.40 | 4.70 | 9.72 | 4.51 | 11.02 | |
| RSR2-100WKS (100) | 1150 | 3.94 | 5.14 | 3.67 | 6.22 | 3.43 | 7.29 | 3.22 | 8.38 | 3.03 | 9.60 | 8 |
| | 1450 | 5.65 | 6.49 | 5.37 | 7.84 | 5.12 | 9.23 | 4.90 | 10.65 | 4.70 | 12.03 | |
| | 1500 | 5.89 | 6.69 | 5.60 | 8.07 | 5.36 | 9.56 | 5.12 | 10.95 | 4.93 | 12.47 | |
| | 1750 | 7.33 | 7.76 | 7.00 | 9.40 | 6.72 | 11.05 | 6.44 | 12.73 | 6.17 | 14.39 | |
| RSR2-125WKS (125) | 1180 | 11.4 | 11.8 | 10.9 | 14.4 | 10.5 | 17.0 | 10.1 | 19.6 | 9.8 | 22.3 | 10 |
| | 1470 | 15.3 | 14.9 | 14.8 | 18.2 | 14.4 | 21.4 | 14.0 | 24.8 | 13.7 | 28.3 | |
| | 1750 | 19.1 | 17.5 | 18.6 | 21.4 | 18.2 | 25.2 | 17.8 | 29.1 | 17.5 | 33.1 | |
| | 1940 | 22.0 | 19.2 | 21.6 | 23.6 | 21.2 | 27.9 | 20.8 | 32.4 | 20.5 | 36.8 | |
| RSR2-150WKS (150) | 1180 | 19.8 | 19.0 | 19.1 | 23.4 | 18.4 | 27.6 | 17.9 | 32.1 | 17.3 | 36.3 | 13 |
| | 1470 | 25.8 | 23.5 | 25.2 | 28.9 | 24.5 | 34.0 | 23.9 | 39.3 | 23.3 | 44.4 | |
| | 1750 | 32.0 | 27.5 | 31.3 | 33.9 | 30.8 | 40.2 | 30.2 | 46.3 | 29.6 | 52.3 | |
| | 1940 | 36.8 | 30.3 | 36.1 | 37.2 | 35.5 | 44.1 | 34.9 | 51.0 | 34.4 | 57.7 | |
| RSR2-200WKS (200) | 880 | 37.3 | 34.1 | 36.3 | 41.7 | 35.5 | 49.6 | 34.6 | 57.4 | 33.8 | 65.6 | 16 |
| | 970 | 42.2 | 37.6 | 41.1 | 45.9 | 40.2 | 54.6 | 39.2 | 63.3 | 38.5 | 72.3 | |
| | 1100 | 49.1 | 42.5 | 48.1 | 52.3 | 47.1 | 62.0 | 46.1 | 71.9 | 45.1 | 81.6 | |
| | 1180 | 53.0 | 45.5 | 51.9 | 56.0 | 50.9 | 66.4 | 49.8 | 77.0 | 48.8 | 87.6 | |
| | 1470 | 67.2 | 56.5 | 66.0 | 69.9 | 64.8 | 83.1 | 63.7 | 96.3 | 62.6 | 109.5 | |
| RSR2-200LWKS (200) | 880 | 42.8 | 39.1 | 41.6 | 47.8 | 40.6 | 56.8 | 39.6 | 65.8 | 38.7 | 75.1 | 16 |
| | 970 | 48.3 | 43.0 | 47.1 | 52.6 | 46.1 | 62.6 | 45.0 | 72.5 | 44.1 | 82.8 | |
| | 1100 | 56.3 | 48.7 | 55.1 | 60.0 | 54.0 | 71.1 | 52.9 | 82.4 | 51.7 | 93.5 | |
| | 1180 | 60.7 | 52.1 | 59.5 | 64.2 | 58.3 | 76.0 | 57.1 | 88.2 | 55.9 | 100.4 | |
| | 1470 | 77.0 | 64.8 | 75.6 | 80.1 | 74.3 | 95.3 | 73.0 | 110.3 | 71.7 | 125.5 | |
| RSR2-250WKS (250) | 880 | 79.1 | 68.8 | 77.6 | 85.0 | 76.1 | 100.5 | 74.8 | 116.3 | 73.5 | 132.0 | 18 |
| | 980 | 89.9 | 76.7 | 88.3 | 94.7 | 86.8 | 112.0 | 85.4 | 129.5 | 84.1 | 147.0 | |
| | 1150 | 107.5 | 90.4 | 105.5 | 111.0 | 103.8 | 131.3 | 102.2 | 151.5 | 100.7 | 171.1 | |
| | 1280 | 122.2 | 100.8 | 120.3 | 123.7 | 118.4 | 146.0 | 116.4 | 167.8 | 114.7 | 189.1 | |
| RSR2-300WKS (300) | 730 | 94.8 | 82.8 | 92.9 | 102.7 | 91.2 | 122.6 | 89.5 | 141.9 | 87.8 | 161.4 | 20 |
| | 800 | 105.9 | 90.1 | 103.9 | 111.9 | 101.9 | 133.2 | 100.3 | 154.4 | 98.7 | 175.7 | |
| | 880 | 118.4 | 98.1 | 116.1 | 121.9 | 114.1 | 145.0 | 112.5 | 168.8 | 111.1 | 192.2 | |
| | 980 | 134.4 | 108.3 | 132.1 | 134.3 | 130.2 | 160.2 | 128.3 | 186.4 | 126.6 | 213.1 | |
| | 1150 | 161.9 | 127.2 | 159.4 | 157.3 | 157.2 | 187.1 | 155.1 | 216.2 | 153.5 | 246.4 | |
| RSR2-350WKS (350) | 580 | 162.6 | 141.0 | 159.3 | 173.4 | 156.0 | 205.9 | 153.2 | 237.1 | 150.5 | 269.2 | 25 |
| | 650 | 186.7 | 155.5 | 183.7 | 191.9 | 180.4 | 226.9 | 177.4 | 261.7 | 175.1 | 298.3 | |
| | 700 | 206.8 | 168.8 | 203.5 | 207.2 | 200.5 | 245.7 | 198.3 | 284.7 | 195.3 | 322.2 | |
| | 750 | 226.3 | 180.0 | 222.6 | 220.9 | 219.7 | 262.5 | 217.0 | 303.9 | 214.3 | 344.5 | |
| | 800 | 246.8 | 191.2 | 242.8 | 235.3 | 239.1 | 278.2 | 236.3 | 321.3 | 233.7 | 365.0 | |

- Note**
- The motor must be selected with 10 to 20% margin from the required power (La in kW).
 - The standard condition is defined as a temperature of 20°C, absolute pressure of 101.3kPa, and relative humidity of 70%.
 - For blowers with a discharge bore diameter of 80 to 250mm, the 3-lobe spur rotor can be exchanged with a helical rotor (option).
 - In case of operating at 0.9kg/cm² (88.2kPa), if you need a larger model, contact your dealer or Tsurumi representative.

Performance Curves (for reference)



Dimensions



(unit: mm)

| Model | Ød | A | B | C | D | E | F | G | H | I | J | K | L | ØM | Approx. Weight(kg) | |
|-------------------|--------------|-----|-----|------|------|------|------|------|-----|-----|-----|------|------|------|--------------------|------|
| Air-Cooled Type | RSR2-50KS | 50 | 135 | 160 | 450 | 100 | 650 | 680 | 210 | 160 | 120 | 260 | 300 | 290 | 14 | 54 |
| | RSR2-65KS | 65 | 135 | 160 | 450 | 100 | 650 | 680 | 230 | 180 | 145 | 260 | 300 | 290 | 14 | 57 |
| | RSR2-80KS | 80 | 175 | 190 | 550 | 100 | 750 | 775 | 245 | 215 | 125 | 280 | 320 | 380 | 18 | 109 |
| | RSR2-100KS | 100 | 175 | 190 | 600 | 100 | 800 | 825 | 280 | 230 | 120 | 400 | 440 | 380 | 18 | 119 |
| | RSR2-125KS | 125 | 205 | 235 | 650 | 100 | 850 | 900 | 350 | 260 | 120 | 370 | 420 | 434 | 18 | 201 |
| | RSR2-125LKS | 125 | 255 | 235 | 750 | 100 | 950 | 1005 | 360 | 275 | 135 | 430 | 480 | 505 | 18 | 263 |
| | RSR2-150KS | 150 | 255 | 250 | 750 | 100 | 950 | 1005 | 380 | 300 | 165 | 430 | 480 | 535 | 18 | 293 |
| | RSR2-150LKS | 150 | 255 | 250 | 850 | 125 | 1100 | 1155 | 465 | 350 | 210 | 500 | 550 | 535 | 18 | 324 |
| | RSR2-200KS | 200 | 310 | 300 | 950 | 125 | 1200 | 1235 | 505 | 370 | 245 | 500 | 560 | 650 | 23 | 486 |
| | RSR2-250KS | 250 | 350 | 360 | 1100 | 200 | 1500 | 1565 | 600 | 415 | 325 | 580 | 650 | 770 | 23 | 875 |
| RSR2-300KS | 300 | 460 | 415 | 1300 | 250 | 1800 | 1875 | 630 | 550 | 365 | 630 | 700 | 1005 | 23 | 1160 | |
| Water-Cooled Type | RSR2-80WKS | 80 | 190 | 200 | 600 | 150 | 900 | 920 | 350 | 240 | 135 | 360 | 400 | 430 | 18 | 158 |
| | RSR2-100WKS | 100 | 190 | 210 | 600 | 150 | 900 | 920 | 375 | 265 | 170 | 400 | 440 | 455 | 18 | 169 |
| | RSR2-125WKS | 125 | 255 | 255 | 800 | 200 | 1200 | 1255 | 430 | 325 | 195 | 440 | 490 | 575 | 18 | 316 |
| | RSR2-150WKS | 150 | 255 | 255 | 800 | 200 | 1200 | 1255 | 530 | 405 | 235 | 440 | 490 | 600 | 18 | 373 |
| | RSR2-200WKS | 200 | 355 | 300 | 1050 | 250 | 1550 | 1605 | 590 | 455 | 300 | 640 | 700 | 730 | 23 | 717 |
| | RSR2-200LWKS | 200 | 355 | 300 | 1050 | 250 | 1550 | 1605 | 650 | 490 | 330 | 640 | 700 | 730 | 23 | 920 |
| | RSR2-250WKS | 250 | 470 | 385 | 1400 | 200 | 1800 | 1920 | 800 | 570 | 405 | 730 | 800 | 990 | 23 | 1351 |
| | RSR2-300WKS | 300 | 520 | 480 | 1600 | 200 | 2000 | 2065 | 860 | 670 | 390 | 760 | 840 | 1145 | 23 | 1704 |
| RSR2-350WKS | 350 | 695 | 490 | 2200 | 200 | 2600 | 2730 | 820 | 790 | 450 | 920 | 1000 | 1280 | 23 | 3885 | |

*Weight excluding motor and silencer

*Dimensions of common base may be changed by motor output.

Pumps and Water Treatment Equipment

Tsurumi can supply pumps and water treatment equipment as a total package.

Sewage & Wastewater Pump

B series

Discharge Bore : 50-800 mm
Motor Output : 0.4-110 kW



Jet Aerator

BER series

Air-inlet Bore : 25-50 mm
Motor Output : 0.75-5.5 kW



Aerator

TRN series

Air-inlet Bore : 32-150 mm
Motor Output : 0.75-40 kW



Mixer

MR series

Propeller Dia. : 145-400 mm
Motor Output : 0.25-4 kW



Floating Scum Skimmer

FSP series

Discharge Bore : 50 mm
Motor Output : 0.4-0.75 kW



Floating Decanter

FHP series

Discharge Bore : 40-80 mm
Motor Output : 0.25-1.5 kW



Dehydrator

MDQ/MDC/JD series

Treating Capacity : 3-216 kgDS/h
Total Motor Output : 0.6-3.15 kW



Bar Screen

KW series

Bar Spacing : 1-50 mm
Motor Output : 0.09 kW





We reserve the right to change the specifications and designs for improvement without prior notice.

**TSURUMI
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Your Dealer