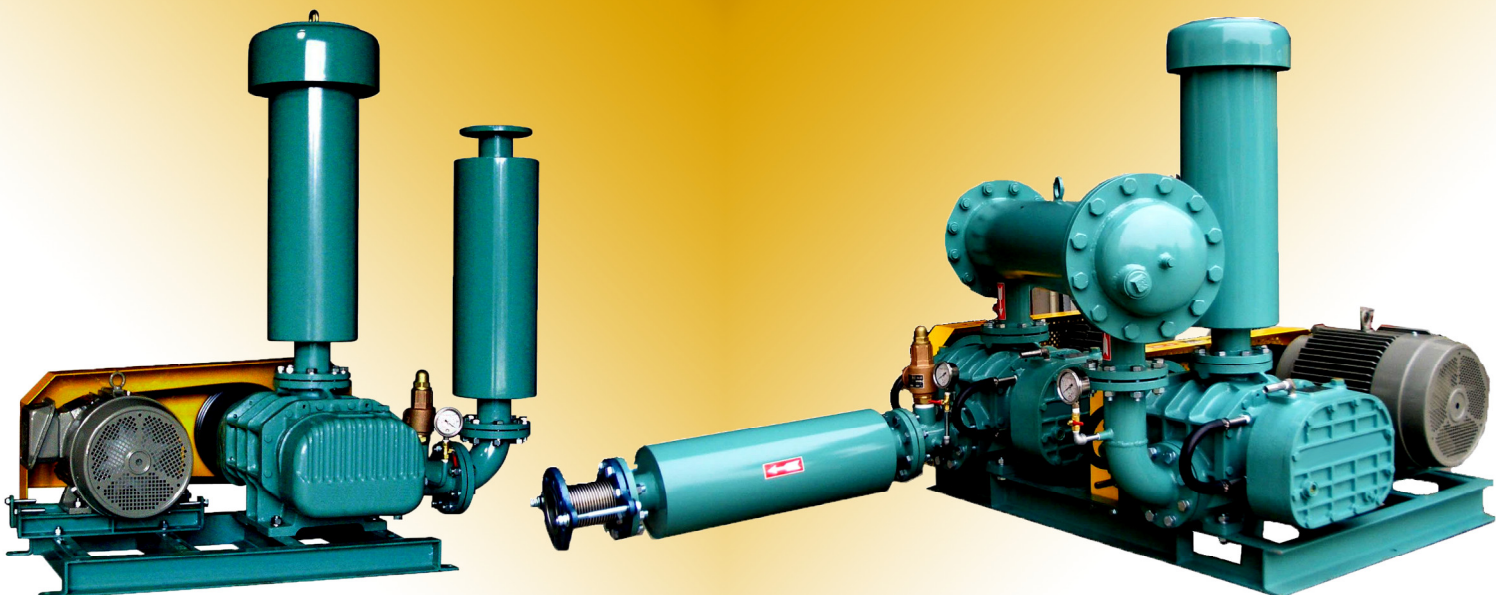
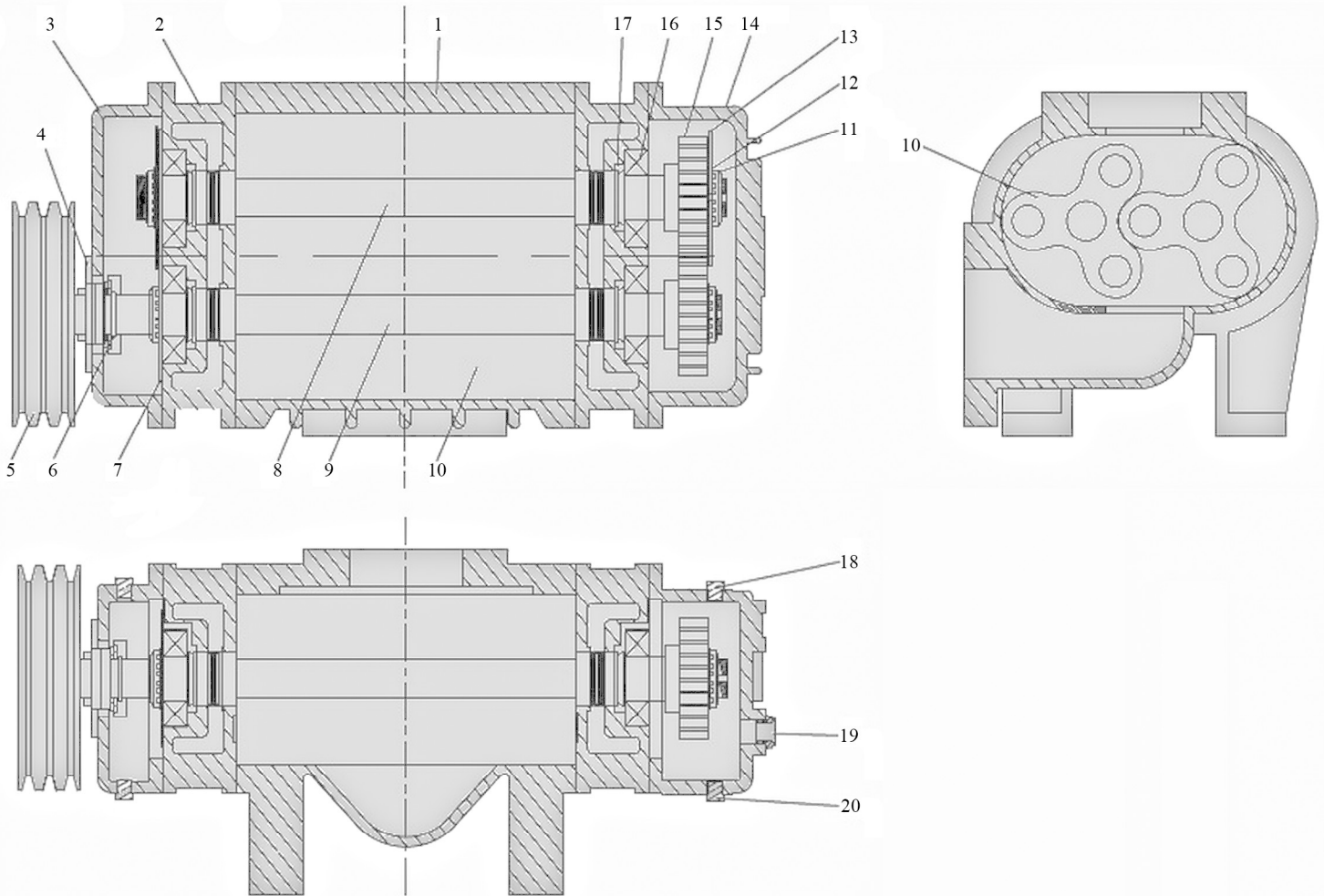


AIRFLOW

ROOTS BLOWER



STRUCTURE AND MATERIAL LIST



PART MATERIAL TABLE

| NO. | Name | Material | Number |
|-----|--------------------|--------------|--------|
| 1 | Blower body | HT250 | 1 |
| 2 | Bearing housing | HT250 | 2 |
| 3 | Oil box | HT250 | 1 |
| 4 | Seal housing | HT200 | 1 |
| 5 | Pulley | HT250 | 1 |
| 6 | Framework oil seal | VITON | 1 |
| 7 | Bearing washer | Q235 | 2 |
| 8 | Driven shaft | 45 | 1 |
| 9 | Drive shaft | 45 | 1 |
| 10 | Impeller | HT250 | 2 |
| 11 | Lock nut | 45 | 5 |
| 12 | Washer | Q235 | 4 |
| 13 | Oil splash | Q235 | 2 |
| 14 | Gear box | HT250 | 1 |
| 15 | Gear | SCM435 | 2 |
| 16 | Bearing | SUJ2 | 4 |
| 17 | V-Ring | NBR or VITON | 4 |
| 18 | Lubrication plug | 45 | 2 |
| 19 | Oil gauge | Duralumin | 2 |
| 20 | Purge plug | 45 | 2 |

Theory

AIRFLOW is a displacement blower, the pressure can be adjusted according to the requirement of the user in allowing range, there are two impellers in the blower body which rotate in the opposite direction, in order to let the impeller rotate, there are some tiny gap between the impeller to body, impeller to impeller. When the impeller rotates through the suction inlet, it can gather an amount of air between on rotating, and the air will be presured, the presure in the body wil rise, finally the air ghas been send to the outlet.

Features

- Wide range of capacity and pressure.
Calibre: 40mm-300mm (1.5"-12")
Capacity: 0.36-160m³/min (12-5700CFM)
Pressure: The pressure of one-stage AIRFLOW type up to 8000mmAq (0.8kgf/cm²)
- Delivers completely oil-free air.
- Low oscillation and low noise by dynamic balance which revised by computer.
- Smaller change in capacity against change in pressure.
- Highest efficiency due to special impeller design, great air-delivery low power.
- Standardized product with strict quality control.
- Our rotor has used the most advanced technic, one time for all working process of the six-shaft method, to enhance the

PERFORMANCE PARAMETER TABLE

Qs = Inlet air flow (m³/min).
La = Power (kW). (S.F. 1.15)

| Type | RPM | 1000mmAq | | 2000mmAq | | 3000mmAq | | 4000mmAq | | 5000mmAq | | 6000mmAq | | 7000mmAq | | 8000mmAq | |
|-------|-------|----------|-------|----------|------|----------|------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La |
| AB-20 | 2000 | 0.24 | 0.26 | 0.22 | 0.31 | 0.20 | 0.36 | 0.18 | 0.40 | - | - | - | - | - | - | - | - |
| | 2250 | 0.28 | 0.30 | 0.26 | 0.36 | 0.24 | 0.40 | 0.22 | 0.46 | - | - | - | - | - | - | - | - |
| | 2500 | 0.31 | 0.33 | 0.29 | 0.39 | 0.27 | 0.45 | 0.25 | 0.51 | - | - | - | - | - | - | - | - |
| AB-25 | 2000 | 0.31 | 0.30 | 0.28 | 0.36 | 0.25 | 0.43 | 0.22 | 0.49 | - | - | - | - | - | - | - | - |
| | 2250 | 0.35 | 0.35 | 0.32 | 0.40 | 0.29 | 0.48 | 0.26 | 0.56 | - | - | - | - | - | - | - | - |
| | 2500 | 0.40 | 0.38 | 0.37 | 0.45 | 0.34 | 0.53 | 0.31 | 0.62 | - | - | - | - | - | - | - | - |
| AB-32 | 1750 | 0.45 | 0.35 | 0.41 | 0.43 | 0.37 | 0.51 | 0.33 | 0.59 | - | - | - | - | - | - | - | - |
| | 2000 | 0.53 | 0.39 | 0.49 | 0.47 | 0.45 | 0.55 | 0.41 | 0.63 | - | - | - | - | - | - | - | - |
| | 2250 | 0.61 | 0.44 | 0.57 | 0.52 | 0.53 | 0.60 | 0.49 | 0.68 | - | - | - | - | - | - | - | - |
| | 2500 | 0.69 | 0.48 | 0.65 | 0.56 | 0.61 | 0.64 | 0.57 | 0.72 | - | - | - | - | - | - | - | - |
| | 2900 | 0.77 | 0.53 | 0.73 | 0.61 | 0.69 | 0.69 | 0.65 | 0.77 | - | - | - | - | - | - | - | - |
| AB-40 | 850 | 1.06 | 0.26 | 0.89 | 0.54 | 0.71 | 0.81 | 0.50 | 1.08 | 0.27 | 1.35 | - | - | - | - | - | - |
| | 950 | 1.22 | 0.30 | 1.05 | 0.61 | 0.87 | 0.91 | 0.68 | 1.21 | 0.48 | 1.51 | - | - | - | - | - | - |
| | 1050 | 1.37 | 0.33 | 1.20 | 0.67 | 1.03 | 1.00 | 0.85 | 1.33 | 0.66 | 1.67 | - | - | - | - | - | - |
| | 1150 | 1.53 | 0.37 | 1.36 | 0.74 | 1.18 | 1.09 | 0.99 | 1.46 | 0.80 | 1.83 | - | - | - | - | - | - |
| | 1250 | 1.68 | 0.40 | 1.51 | 0.79 | 1.34 | 1.20 | 1.18 | 1.59 | 1.02 | 1.99 | 0.86 | 2.38 | 0.71 | 2.78 | 0.56 | 3.17 |
| | 1350 | 1.84 | 0.43 | 1.66 | 0.86 | 1.50 | 1.29 | 1.35 | 1.71 | 1.21 | 2.15 | 1.08 | 2.58 | 0.97 | 3.00 | 0.86 | 3.44 |
| | 1450 | 2.00 | 0.46 | 1.82 | 0.92 | 1.65 | 1.38 | 1.51 | 1.84 | 1.39 | 2.30 | 1.30 | 2.76 | 1.21 | 3.23 | 1.15 | 3.69 |
| | 1550 | 2.15 | 0.49 | 1.97 | 0.99 | 1.81 | 1.48 | 1.67 | 1.97 | 1.55 | 2.46 | 1.45 | 2.96 | 1.37 | 3.45 | 1.30 | 3.94 |
| | 1650 | 2.31 | 0.53 | 2.12 | 1.05 | 1.96 | 1.58 | 1.82 | 2.09 | 1.70 | 2.62 | 1.61 | 3.15 | 1.52 | 3.67 | 1.46 | 4.20 |
| | 1750 | 2.46 | 0.55 | 2.28 | 1.12 | 2.12 | 1.67 | 1.98 | 2.22 | 1.86 | 2.78 | 1.76 | 3.34 | 1.68 | 3.90 | 1.61 | 4.45 |
| | 1850 | 2.62 | 0.59 | 2.43 | 1.17 | 2.27 | 1.76 | 2.13 | 2.36 | 2.01 | 2.94 | 1.92 | 3.53 | 1.83 | 4.12 | 1.77 | 4.70 |
| 1950 | 2.77 | 0.62 | 2.59 | 1.24 | 2.43 | 1.86 | 2.29 | 2.48 | 2.17 | 3.11 | 2.07 | 3.71 | 1.99 | 4.34 | 1.92 | 4.96 | |
| AB-50 | 850 | 1.64 | 0.51 | 1.41 | 1.00 | 1.22 | 1.48 | 1.06 | 1.96 | 0.92 | 2.40 | 0.80 | 2.85 | 0.71 | 3.29 | 0.64 | 3.52 |
| | 950 | 1.91 | 0.58 | 1.68 | 1.13 | 1.49 | 1.66 | 1.33 | 2.19 | 1.19 | 2.69 | 1.07 | 3.20 | 0.98 | 3.67 | 0.91 | 4.15 |
| | 1050 | 2.14 | 0.63 | 1.94 | 1.24 | 1.75 | 1.84 | 1.59 | 2.42 | 1.45 | 2.98 | 1.33 | 3.52 | 1.24 | 4.06 | 1.17 | 4.59 |
| | 1150 | 2.44 | 0.69 | 2.21 | 1.37 | 2.02 | 2.01 | 1.86 | 2.65 | 1.72 | 3.27 | 1.60 | 3.86 | 1.51 | 4.45 | 1.44 | 5.03 |
| | 1250 | 2.71 | 0.76 | 2.48 | 1.48 | 2.29 | 2.19 | 2.13 | 2.88 | 1.99 | 3.54 | 1.87 | 4.20 | 1.78 | 4.84 | 1.71 | 5.46 |
| | 1350 | 2.97 | 0.82 | 2.74 | 1.60 | 2.55 | 2.37 | 2.39 | 3.11 | 2.25 | 3.83 | 2.13 | 4.53 | 2.04 | 5.22 | 1.97 | 5.90 |
| | 1450 | 3.24 | 0.87 | 3.01 | 1.73 | 2.82 | 2.54 | 2.66 | 3.34 | 2.52 | 4.11 | 2.40 | 4.86 | 2.31 | 5.61 | 2.24 | 6.34 |
| | 1550 | 3.51 | 0.93 | 3.28 | 1.84 | 3.09 | 2.71 | 2.93 | 3.57 | 2.79 | 4.39 | 2.67 | 5.20 | 2.58 | 6.00 | 2.51 | 6.77 |
| | 1650 | 3.78 | 0.99 | 3.55 | 1.96 | 3.36 | 2.89 | 3.20 | 3.80 | 3.06 | 4.68 | 2.94 | 5.54 | 2.85 | 6.38 | 2.78 | 7.21 |
| | 1750 | 4.05 | 1.05 | 3.82 | 2.07 | 3.63 | 3.06 | 3.47 | 4.03 | 3.33 | 4.96 | 3.21 | 5.88 | 3.12 | 6.77 | 3.05 | 7.65 |
| | 1850 | 4.32 | 1.12 | 4.09 | 2.20 | 3.90 | 3.24 | 3.74 | 4.26 | 3.60 | 5.24 | 3.48 | 6.21 | 3.39 | 7.16 | 3.32 | 8.08 |
| 1950 | 4.59 | 1.17 | 4.36 | 2.31 | 4.17 | 3.42 | 4.01 | 4.49 | 3.87 | 5.52 | 3.75 | 6.54 | 3.66 | 7.54 | 3.59 | 8.52 | |
| AB-65 | 850 | 2.21 | 0.70 | 2.03 | 1.38 | 1.84 | 2.02 | 1.67 | 2.65 | 1.53 | 3.23 | 1.40 | 3.81 | 1.29 | 4.36 | 1.19 | 4.90 |
| | 950 | 2.57 | 0.79 | 2.39 | 1.55 | 2.20 | 2.25 | 2.03 | 2.96 | 1.89 | 3.61 | 1.76 | 4.26 | 1.64 | 4.88 | 1.55 | 5.47 |
| | 1050 | 2.92 | 0.86 | 2.74 | 1.70 | 2.55 | 2.50 | 2.38 | 3.27 | 2.24 | 3.99 | 2.11 | 4.70 | 2.00 | 5.39 | 1.90 | 6.06 |
| | 1150 | 3.28 | 0.95 | 3.10 | 1.86 | 2.91 | 2.73 | 2.74 | 3.57 | 2.60 | 4.37 | 2.47 | 5.15 | 2.36 | 5.91 | 2.26 | 6.64 |
| | 1250 | 3.64 | 1.04 | 3.46 | 2.04 | 3.27 | 2.97 | 3.10 | 3.89 | 2.96 | 4.75 | 2.83 | 5.60 | 2.72 | 6.42 | 2.62 | 7.21 |
| | 1350 | 4.00 | 1.12 | 3.82 | 2.20 | 3.63 | 3.21 | 3.46 | 4.20 | 3.32 | 5.13 | 3.19 | 6.05 | 3.08 | 6.93 | 2.98 | 7.79 |
| | 1450 | 4.36 | 1.21 | 4.18 | 2.35 | 3.99 | 3.45 | 3.82 | 4.51 | 3.68 | 5.51 | 3.55 | 6.50 | 3.44 | 7.44 | 3.34 | 8.36 |
| | 1550 | 4.72 | 1.29 | 4.54 | 2.52 | 4.35 | 3.69 | 4.18 | 4.82 | 4.04 | 5.89 | 3.91 | 6.95 | 3.80 | 7.96 | 3.70 | 8.94 |
| | 1650 | 5.08 | 1.37 | 4.90 | 2.68 | 4.71 | 3.92 | 4.54 | 5.13 | 4.40 | 6.28 | 4.27 | 7.39 | 4.16 | 8.48 | 4.06 | 9.51 |
| | 1750 | 5.44 | 1.45 | 5.26 | 2.84 | 5.07 | 4.16 | 4.90 | 5.44 | 4.76 | 6.66 | 4.63 | 7.84 | 4.52 | 8.99 | 4.42 | 10.09 |
| | 1850 | 5.80 | 1.54 | 5.62 | 3.00 | 5.43 | 4.40 | 5.26 | 5.75 | 5.12 | 7.04 | 4.99 | 8.29 | 4.88 | 9.50 | 4.78 | 10.67 |
| 1950 | 6.16 | 1.62 | 5.98 | 3.17 | 5.79 | 4.65 | 5.62 | 6.06 | 5.48 | 7.42 | 5.35 | 8.74 | 5.24 | 10.02 | 5.14 | 11.26 | |
| AB-80 | 800 | 3.87 | 1.25 | 3.42 | 2.39 | 3.02 | 3.44 | 2.66 | 4.39 | 2.35 | 5.28 | 2.07 | 6.11 | 1.83 | 6.87 | 1.61 | 7.71 |
| | 900 | 4.47 | 1.40 | 4.02 | 2.69 | 3.62 | 3.86 | 3.26 | 4.95 | 2.95 | 5.95 | 2.67 | 6.87 | 2.43 | 7.73 | 2.21 | 8.65 |
| | 1000 | 5.07 | 1.56 | 4.62 | 2.99 | 4.23 | 4.29 | 3.86 | 5.49 | 3.55 | 6.60 | 3.27 | 7.62 | 3.03 | 8.59 | 2.81 | 9.60 |
| | 1100 | 5.67 | 1.71 | 5.22 | 3.28 | 4.83 | 4.73 | 4.47 | 6.04 | 4.16 | 7.27 | 3.87 | 8.40 | 3.63 | 9.44 | 3.41 | 10.55 |
| | 1200 | 6.27 | 1.87 | 5.82 | 3.58 | 5.43 | 5.15 | 5.07 | 6.59 | 4.76 | 7.92 | 4.47 | 9.15 | 4.23 | 10.30 | 4.01 | 11.49 |
| | 1300 | 6.87 | 2.02 | 6.42 | 3.88 | 6.03 | 5.58 | 5.67 | 7.14 | 5.36 | 8.59 | 5.07 | 9.91 | 4.83 | 11.16 | 4.61 | 12.44 |
| | 1400 | 7.47 | 2.19 | 7.02 | 4.17 | 6.63 | 6.01 | 6.27 | 7.69 | 5.96 | 9.25 | 5.68 | 10.68 | 5.43 | 12.02 | 5.21 | 13.39 |
| | 1500 | 8.07 | 2.33 | 7.62 | 4.47 | 7.23 | 6.44 | 6.87 | 8.25 | 6.56 | 9.90 | 6.28 | 11.44 | 6.03 | 12.88 | 5.81 | 14.33 |
| | 1600 | 8.67 | 2.50 | 8.22 | 4.77 | 7.83 | 6.87 | 7.47 | 8.79 | 7.16 | 10.57 | 6.88 | 12.20 | 6.63 | 13.73 | 6.41 | 15.28 |
| | 1650 | 8.97 | 2.58 | 8.52 | 4.92 | 8.13 | 7.08 | 7.77 | 9.06 | 7.46 | 10.89 | 7.18 | 12.59 | 6.93 | 14.17 | 6.71 | 15.76 |
| | 1750 | 9.57 | 2.74 | 9.13 | 5.22 | 8.73 | 7.51 | 8.37 | 9.61 | 8.06 | 11.55 | 7.78 | 13.35 | 7.53 | 15.02 | 7.31 | 16.70 |
| 1850 | 10.17 | 2.90 | 9.73 | 5.52 | 9.33 | 7.94 | 8.97 | 10.15 | 8.66 | 12.21 | 8.38 | 14.12 | 8.13 | 15.88 | 7.91 | 17.64 | |
| 1950 | 10.77 | 3.05 | 10.33 | 5.82 | 9.93 | 8.37 | 9.57 | 10.71 | 9.26 | 12.87 | 8.98 | 14.88 | 8.73 | 16.74 | 8.51 | 18.58 | |

PERFORMANCE PARAMETER TABLE

Qs = Inlet air flow (m³/min).
La = Power (kW). (S.F. 1.15)

| Type | RPM | 1000mmAq | | 2000mmAq | | 3000mmAq | | 4000mmAq | | 5000mmAq | | 6000mmAq | | 7000mmAq | | 8000mmAq | |
|---------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La |
| AB-100 | 800 | 5.44 | 1.61 | 4.84 | 3.16 | 4.30 | 4.47 | 3.82 | 5.81 | 3.40 | 6.96 | 3.03 | 8.00 | 2.70 | 9.07 | 2.42 | 10.26 |
| | 900 | 6.29 | 1.83 | 5.68 | 3.55 | 5.15 | 5.06 | 4.66 | 6.52 | 4.25 | 7.83 | 3.87 | 9.05 | 3.55 | 10.26 | 3.26 | 11.51 |
| | 1000 | 7.13 | 2.05 | 6.53 | 3.93 | 5.99 | 5.64 | 5.51 | 7.25 | 5.09 | 8.69 | 4.72 | 10.11 | 4.39 | 11.44 | 4.08 | 12.78 |
| | 1100 | 7.98 | 2.27 | 7.37 | 4.32 | 6.84 | 6.21 | 6.35 | 7.97 | 5.94 | 9.60 | 5.56 | 11.16 | 5.24 | 12.63 | 4.95 | 14.04 |
| | 1200 | 8.82 | 2.48 | 8.22 | 4.72 | 7.68 | 6.80 | 7.20 | 8.69 | 6.78 | 10.50 | 6.41 | 12.20 | 6.08 | 13.82 | 5.80 | 15.32 |
| | 1300 | 9.67 | 2.70 | 9.06 | 5.11 | 8.53 | 7.37 | 8.04 | 9.42 | 7.63 | 11.41 | 7.25 | 13.26 | 6.93 | 15.01 | 6.64 | 16.58 |
| | 1400 | 10.51 | 2.90 | 9.91 | 5.49 | 9.37 | 7.90 | 8.89 | 10.13 | 8.47 | 12.26 | 8.10 | 14.26 | 7.77 | 16.11 | 7.49 | 17.87 |
| | 1500 | 11.36 | 3.09 | 10.75 | 5.87 | 10.22 | 8.44 | 9.73 | 10.86 | 9.32 | 13.12 | 8.94 | 15.26 | 8.62 | 17.22 | 8.33 | 19.16 |
| | 1600 | 12.20 | 3.29 | 11.60 | 6.26 | 11.06 | 8.98 | 10.58 | 11.57 | 10.16 | 13.98 | 9.79 | 16.27 | 9.46 | 18.32 | 9.18 | 20.46 |
| | 1650 | 12.63 | 3.39 | 12.02 | 6.45 | 11.49 | 9.26 | 11.00 | 11.93 | 10.59 | 14.43 | 10.21 | 16.76 | 9.89 | 18.89 | 9.60 | 21.13 |
| | 1750 | 13.47 | 3.60 | 12.87 | 6.85 | 12.33 | 9.83 | 11.85 | 12.66 | 11.43 | 15.32 | 11.06 | 17.72 | 10.73 | 20.06 | 10.45 | 22.45 |
| | 1850 | 14.32 | 3.80 | 13.71 | 7.25 | 13.18 | 10.40 | 12.69 | 13.40 | 12.28 | 16.19 | 11.90 | 18.68 | 11.58 | 21.22 | 11.29 | 23.77 |
| | 1950 | 15.16 | 4.00 | 14.56 | 7.65 | 14.02 | 10.96 | 13.54 | 14.12 | 13.12 | 17.08 | 12.75 | 19.64 | 12.42 | 22.37 | 12.14 | 25.13 |
| AB-125A | 780 | 8.00 | 2.22 | 7.34 | 4.27 | 6.72 | 6.15 | 6.15 | 7.87 | 5.69 | 9.48 | 5.23 | 10.95 | 4.80 | 12.32 | 4.43 | 13.60 |
| | 830 | 8.59 | 2.37 | 7.92 | 4.54 | 7.31 | 6.54 | 6.73 | 8.37 | 6.27 | 10.07 | 5.81 | 11.65 | 5.38 | 13.11 | 5.01 | 14.48 |
| | 880 | 9.17 | 2.51 | 8.50 | 4.82 | 7.89 | 6.93 | 7.32 | 8.88 | 6.85 | 10.68 | 6.39 | 12.35 | 5.96 | 13.90 | 5.60 | 15.35 |
| | 930 | 9.75 | 2.66 | 9.08 | 5.09 | 8.47 | 7.34 | 7.90 | 9.40 | 7.44 | 11.29 | 6.98 | 13.05 | 6.55 | 14.70 | 6.18 | 16.23 |
| | 990 | 10.45 | 2.83 | 9.78 | 5.43 | 9.17 | 7.81 | 8.60 | 10.14 | 8.14 | 12.03 | 7.68 | 13.89 | 7.25 | 15.65 | 6.88 | 17.27 |
| | 1050 | 11.15 | 3.00 | 10.48 | 5.75 | 9.87 | 8.28 | 9.30 | 10.60 | 8.83 | 12.75 | 8.37 | 14.74 | 7.95 | 16.59 | 7.58 | 18.32 |
| | 1110 | 11.85 | 3.17 | 11.18 | 6.08 | 10.57 | 8.76 | 10.00 | 11.21 | 9.53 | 13.48 | 9.07 | 15.58 | 8.65 | 17.55 | 8.28 | 19.37 |
| | 1180 | 12.67 | 3.37 | 12.00 | 6.46 | 11.39 | 9.32 | 10.82 | 11.93 | 10.35 | 14.34 | 9.89 | 16.57 | 9.47 | 18.65 | 9.10 | 20.59 |
| | 1250 | 13.49 | 3.57 | 12.82 | 6.85 | 12.20 | 9.87 | 11.64 | 12.63 | 11.17 | 15.19 | 10.71 | 17.55 | 10.28 | 19.76 | 9.92 | 21.82 |
| | 1320 | 14.31 | 3.77 | 13.63 | 7.23 | 13.02 | 10.42 | 12.45 | 13.34 | 11.99 | 16.04 | 11.52 | 18.54 | 11.10 | 20.87 | 10.73 | 23.03 |
| | 1390 | 15.12 | 3.97 | 14.45 | 7.62 | 13.83 | 10.97 | 13.27 | 14.05 | 12.80 | 16.89 | 12.34 | 19.53 | 11.92 | 21.98 | 11.55 | 24.25 |
| | 1470 | 16.06 | 4.20 | 15.38 | 8.06 | 14.77 | 11.60 | 14.20 | 14.86 | 13.74 | 17.87 | 13.28 | 20.65 | 12.85 | 23.24 | 12.48 | 25.66 |
| | 1560 | 17.11 | 4.46 | 16.43 | 8.56 | 15.82 | 12.32 | 15.25 | 15.77 | 14.79 | 18.96 | 14.33 | 21.92 | 13.90 | 24.67 | 13.53 | 27.22 |
| 1650 | 18.16 | 4.73 | 17.48 | 9.05 | 16.87 | 13.03 | 16.31 | 16.69 | 15.84 | 20.06 | 15.38 | 23.18 | 14.95 | 26.09 | 14.58 | 28.80 | |
| 1750 | 19.32 | 5.01 | 18.65 | 9.60 | 18.04 | 13.82 | 17.47 | 17.70 | 17.00 | 21.28 | 16.54 | 24.59 | 16.12 | 27.68 | 15.75 | 30.54 | |
| 1850 | 20.49 | 5.30 | 19.82 | 10.14 | 19.20 | 14.61 | 18.64 | 18.71 | 18.17 | 22.49 | 17.71 | 25.99 | 17.29 | 29.27 | 16.91 | 32.29 | |
| AB-125 | 780 | 11.48 | 3.28 | 10.47 | 6.23 | 9.60 | 8.95 | 8.85 | 11.47 | 8.23 | 13.87 | 7.72 | 16.24 | 7.34 | 18.76 | 7.03 | 21.25 |
| | 830 | 12.35 | 3.50 | 11.35 | 6.66 | 10.48 | 9.55 | 9.74 | 12.26 | 9.11 | 14.81 | 8.60 | 17.33 | 8.20 | 19.91 | 7.91 | 22.54 |
| | 880 | 13.23 | 3.71 | 12.23 | 7.08 | 11.36 | 10.15 | 10.61 | 13.03 | 9.99 | 15.76 | 9.48 | 18.40 | 9.08 | 21.11 | 8.79 | 23.84 |
| | 930 | 14.11 | 3.93 | 13.11 | 7.50 | 12.24 | 10.76 | 11.49 | 13.81 | 10.86 | 16.68 | 10.37 | 19.50 | 9.96 | 22.31 | 9.66 | 25.10 |
| | 990 | 15.15 | 4.20 | 14.15 | 7.99 | 13.28 | 11.48 | 12.53 | 14.72 | 11.91 | 17.78 | 11.40 | 20.75 | 11.00 | 23.72 | 10.71 | 26.67 |
| | 1050 | 16.21 | 4.46 | 15.20 | 8.49 | 14.33 | 12.19 | 13.59 | 15.65 | 12.96 | 18.88 | 12.45 | 22.02 | 12.05 | 25.14 | 11.76 | 28.22 |
| | 1110 | 17.26 | 4.72 | 16.25 | 8.99 | 15.39 | 12.91 | 14.64 | 16.58 | 14.01 | 20.00 | 13.50 | 23.31 | 13.11 | 26.60 | 12.81 | 29.77 |
| | 1180 | 18.49 | 5.03 | 17.48 | 9.57 | 16.62 | 13.77 | 15.86 | 17.65 | 15.24 | 21.30 | 14.73 | 24.81 | 14.33 | 28.26 | 14.03 | 31.59 |
| | 1250 | 19.71 | 5.32 | 18.70 | 10.14 | 17.83 | 14.59 | 17.08 | 18.71 | 16.46 | 22.59 | 15.95 | 26.29 | 15.55 | 29.91 | 15.26 | 33.43 |
| | 1320 | 20.93 | 5.62 | 19.93 | 10.74 | 19.06 | 15.44 | 18.31 | 19.79 | 17.69 | 23.89 | 17.17 | 27.77 | 16.78 | 31.54 | 16.49 | 35.27 |
| | 1390 | 22.16 | 5.93 | 21.16 | 11.32 | 20.29 | 16.28 | 19.54 | 20.87 | 18.92 | 25.17 | 18.40 | 29.27 | 18.00 | 33.26 | 17.72 | 37.11 |
| | 1470 | 23.56 | 6.28 | 22.55 | 11.98 | 21.69 | 17.24 | 20.93 | 22.09 | 20.31 | 26.65 | 19.79 | 30.96 | 19.40 | 35.17 | 19.11 | 39.19 |
| | 1560 | 25.14 | 6.67 | 24.13 | 12.73 | 23.26 | 18.31 | 22.51 | 23.46 | 21.89 | 28.30 | 21.38 | 32.89 | 20.98 | 37.31 | 20.68 | 41.55 |
| 1650 | 26.71 | 7.06 | 25.70 | 13.47 | 24.83 | 19.38 | 24.08 | 24.84 | 23.46 | 29.95 | 22.95 | 34.79 | 22.55 | 39.45 | 22.26 | 43.92 | |
| 1750 | 28.46 | 7.50 | 27.46 | 14.31 | 26.59 | 20.57 | 25.84 | 26.37 | 25.21 | 31.80 | 24.71 | 36.92 | 24.31 | 41.85 | 24.02 | 46.56 | |
| 1850 | 30.21 | 7.94 | 29.20 | 15.12 | 28.33 | 21.76 | 27.58 | 27.90 | 26.96 | 33.63 | 26.45 | 39.02 | 26.05 | 44.22 | 25.96 | 49.17 | |
| AB-150 | 780 | 14.94 | 4.24 | 14.18 | 8.11 | 13.15 | 11.66 | 12.85 | 14.94 | 12.28 | 17.96 | 11.75 | 20.77 | 11.33 | 23.38 | 10.90 | 25.77 |
| | 830 | 16.04 | 4.52 | 15.29 | 8.63 | 14.59 | 12.41 | 13.97 | 15.89 | 13.39 | 19.11 | 12.87 | 22.10 | 12.44 | 24.89 | 12.01 | 27.47 |
| | 880 | 17.15 | 4.80 | 16.40 | 9.17 | 15.70 | 13.17 | 15.08 | 16.87 | 14.49 | 20.29 | 13.98 | 23.45 | 13.55 | 26.42 | 13.12 | 29.15 |
| | 930 | 18.26 | 5.06 | 17.50 | 9.68 | 16.81 | 13.92 | 16.19 | 17.83 | 15.60 | 21.44 | 15.09 | 24.78 | 14.66 | 27.91 | 14.23 | 30.80 |
| | 990 | 19.59 | 5.39 | 18.83 | 10.29 | 18.14 | 14.81 | 17.52 | 18.96 | 16.93 | 22.83 | 16.42 | 26.38 | 15.99 | 29.72 | 15.56 | 32.79 |
| | 1050 | 20.92 | 5.72 | 20.16 | 10.93 | 19.47 | 15.71 | 18.85 | 20.11 | 18.26 | 24.20 | 17.75 | 27.98 | 17.32 | 31.51 | 16.89 | 34.78 |
| | 1110 | 22.25 | 6.04 | 21.49 | 11.55 | 20.80 | 16.61 | 20.18 | 21.26 | 19.59 | 25.58 | 19.08 | 29.58 | 18.65 | 33.32 | 18.22 | 36.73 |
| | 1180 | 23.80 | 6.43 | 23.04 | 12.27 | 22.35 | 17.66 | 21.73 | 22.61 | 21.14 | 27.20 | 20.63 | 31.46 | 20.20 | 35.43 | 19.77 | 39.08 |
| | 1250 | 25.35 | 6.81 | 24.59 | 13.01 | 23.90 | 18.71 | 23.28 | 23.95 | 22.69 | 28.82 | 22.18 | 33.34 | 21.75 | 37.50 | 21.32 | 41.40 |
| | 1320 | 26.90 | 7.20 | 26.14 | 13.73 | 25.45 | 19.76 | 24.82 | 25.30 | 24.24 | 30.44 | 23.72 | 35.21 | 23.30 | 39.48 | 22.87 | 43.72 |
| | 1390 | 28.45 | 7.58 | 27.69 | 14.47 | 27.00 | 20.80 | 26.37 | 26.63 | 25.79 | 32.05 | 25.27 | 37.04 | 24.85 | 41.70 | 24.42 | 46.05 |
| | 1470 | 30.22 | 8.00 | 29.46 | 15.30 | 28.77 | 22.00 | 28.14 | 28.16 | 27.56 | 33.89 | 27.04 | 39.17 | 26.61 | 44.10 | 26.19 | 48.69 |
| | 1560 | 32.21 | 8.49 | 31.45 | 16.24 | 30.76 | 23.35 | 30.13 | 29.90 | 29.55 | 35.97 | 29.03 | 41.57 | 28.60 | 46.82 | 28.18 | 51.67 |
| 1650 | 34.20 | 8.98 | 33.44 | 17.18 | 32.75 | 24.68 | 32.12 | 31.64 | 31.54 | 38.02 | 31.02 | 43.99 | 30.59 | 49.53 | 30.16 | 54.66 | |
| 1750 | 36.41 | 9.52 | 35.65 | 18.22 | 34.96 | 26.19 | 34.33 | 33.56 | 33.75 | 40.33 | 33.23 | 46.66 | 32.80 | 52.53 | 32.37 | 57.97 | |
| 1850 | 38.62 | 10.07 | 37.86 | 19.26 | 37.16 | 27.68 | 36.53 | 35.48 | 35.96 | 42.65 | 35.43 | 49.34 | 35.01 | 55.55 | 34.58 | 61.27 | |

PERFORMANCE PARAMETER TABLE

Qs = Inlet air flow (m³/min).
La = Power (kW). (S.F. 1.15)

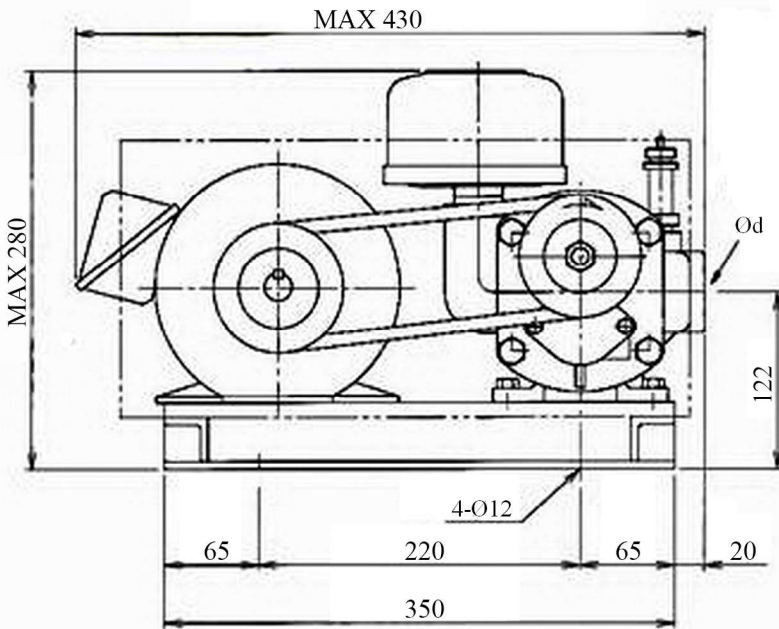
| Type | RPM | 1000mmAq | | 2000mmAq | | 3000mmAq | | 4000mmAq | | 5000mmAq | | 6000mmAq | | 7000mmAq | | 8000mmAq | |
|---------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La |
| AB-200A | 620 | 17.93 | 5.68 | 16.86 | 10.95 | 15.93 | 15.79 | 15.09 | 20.23 | 14.40 | 24.37 | 13.79 | 28.24 | 13.25 | 31.82 | 12.83 | 35.13 |
| | 660 | 19.46 | 6.06 | 18.39 | 11.66 | 17.46 | 16.81 | 16.62 | 21.54 | 15.93 | 25.94 | 15.32 | 30.07 | 14.78 | 33.89 | 14.36 | 37.43 |
| | 700 | 20.99 | 6.43 | 19.91 | 12.37 | 18.98 | 17.83 | 18.14 | 22.86 | 17.45 | 27.52 | 16.84 | 31.90 | 16.30 | 35.95 | 15.88 | 39.71 |
| | 740 | 22.51 | 6.80 | 21.44 | 13.08 | 20.51 | 18.85 | 19.67 | 24.17 | 18.98 | 29.10 | 18.37 | 33.73 | 17.83 | 38.02 | 17.41 | 42.00 |
| | 780 | 24.04 | 7.16 | 22.97 | 13.79 | 22.04 | 19.87 | 21.20 | 25.50 | 20.51 | 30.67 | 19.90 | 35.56 | 19.36 | 40.09 | 18.94 | 44.30 |
| | 830 | 25.95 | 7.62 | 24.88 | 14.67 | 23.95 | 21.15 | 23.11 | 27.14 | 22.42 | 32.64 | 21.81 | 37.85 | 21.27 | 42.67 | 20.85 | 47.16 |
| | 880 | 27.86 | 8.10 | 26.79 | 15.57 | 25.86 | 22.43 | 25.02 | 28.78 | 24.33 | 34.60 | 23.72 | 40.12 | 23.18 | 45.23 | 22.76 | 50.01 |
| | 930 | 29.77 | 8.56 | 28.70 | 16.46 | 27.77 | 23.70 | 26.93 | 30.43 | 26.24 | 36.58 | 25.63 | 42.41 | 25.09 | 47.82 | 24.67 | 52.88 |
| | 990 | 32.06 | 9.11 | 30.99 | 17.53 | 30.06 | 25.24 | 29.22 | 32.41 | 28.53 | 38.94 | 27.92 | 45.15 | 27.38 | 50.91 | 26.96 | 56.29 |
| | 1050 | 34.35 | 9.67 | 33.28 | 18.58 | 32.35 | 26.77 | 31.51 | 34.37 | 30.82 | 41.30 | 30.21 | 47.89 | 29.67 | 54.00 | 29.25 | 59.72 |
| | 1110 | 36.64 | 10.24 | 35.56 | 19.67 | 34.63 | 28.31 | 33.79 | 36.36 | 33.10 | 43.72 | 32.48 | 50.68 | 31.94 | 57.16 | 31.51 | 63.08 |
| | 1180 | 39.31 | 10.91 | 38.23 | 20.93 | 37.30 | 30.12 | 36.46 | 38.69 | 35.77 | 46.54 | 35.15 | 53.95 | 34.61 | 60.78 | 34.18 | 67.07 |
| | 1250 | 41.99 | 11.58 | 40.91 | 22.20 | 39.98 | 31.92 | 39.14 | 41.00 | 38.45 | 49.37 | 37.83 | 57.20 | 37.29 | 64.40 | 36.86 | 71.08 |
| | 1320 | 44.66 | 12.25 | 43.58 | 23.46 | 42.65 | 33.73 | 41.81 | 43.32 | 41.12 | 52.19 | 40.50 | 60.46 | 39.96 | 68.02 | 39.53 | 75.06 |
| 1390 | 47.33 | 12.91 | 46.25 | 24.73 | 45.32 | 35.54 | 44.48 | 45.63 | 43.79 | 55.00 | 43.17 | 63.66 | 42.63 | 71.63 | 42.20 | 79.05 | |
| 1470 | 50.38 | 13.69 | 49.30 | 26.16 | 48.37 | 37.61 | 47.53 | 48.29 | 46.84 | 58.22 | 46.22 | 67.33 | 45.68 | 75.76 | 45.25 | 83.61 | |
| AB-200 | 620 | 23.40 | 7.31 | 22.01 | 14.10 | 20.79 | 20.32 | 19.70 | 26.04 | 18.79 | 31.36 | 18.00 | 37.51 | 17.29 | 42.19 | 16.74 | 45.53 |
| | 660 | 25.39 | 7.81 | 23.99 | 15.01 | 22.78 | 21.64 | 21.68 | 27.73 | 20.78 | 33.38 | 19.98 | 38.71 | 19.28 | 43.70 | 18.73 | 48.51 |
| | 700 | 27.37 | 8.28 | 25.96 | 15.93 | 24.74 | 22.95 | 23.65 | 29.43 | 22.75 | 35.42 | 21.95 | 41.07 | 21.25 | 46.36 | 20.70 | 51.46 |
| | 740 | 29.33 | 8.76 | 27.93 | 16.85 | 26.72 | 24.28 | 25.63 | 31.13 | 24.73 | 37.46 | 23.93 | 43.42 | 23.23 | 49.02 | 22.68 | 54.44 |
| | 780 | 31.30 | 9.25 | 29.91 | 17.77 | 28.70 | 25.59 | 27.60 | 32.82 | 26.70 | 39.49 | 25.91 | 45.78 | 25.21 | 51.68 | 24.66 | 57.41 |
| | 830 | 33.76 | 9.84 | 32.37 | 18.92 | 31.16 | 27.24 | 30.07 | 34.95 | 29.17 | 42.02 | 28.38 | 48.71 | 27.67 | 54.99 | 27.13 | 61.11 |
| | 880 | 36.22 | 10.45 | 34.83 | 20.07 | 33.62 | 28.90 | 32.53 | 37.06 | 31.63 | 44.56 | 30.84 | 51.66 | 30.13 | 58.31 | 29.59 | 64.83 |
| | 930 | 38.67 | 11.05 | 37.28 | 21.24 | 36.07 | 30.54 | 34.98 | 39.19 | 34.09 | 47.10 | 33.29 | 54.60 | 32.59 | 61.64 | 32.05 | 68.53 |
| | 990 | 41.61 | 11.78 | 40.22 | 22.59 | 39.01 | 32.51 | 37.92 | 41.73 | 37.03 | 50.14 | 36.23 | 58.13 | 35.53 | 65.62 | 34.99 | 72.98 |
| | 1110 | 47.46 | 13.24 | 46.06 | 25.37 | 44.86 | 36.49 | 43.77 | 46.84 | 42.88 | 56.30 | 42.07 | 65.25 | 41.37 | 73.67 | 40.82 | 81.74 |
| | 1180 | 50.86 | 14.10 | 49.47 | 26.99 | 48.26 | 38.81 | 47.18 | 49.83 | 46.28 | 59.94 | 45.48 | 69.45 | 44.78 | 78.40 | 44.22 | 86.81 |
| | 1250 | 54.27 | 14.96 | 52.87 | 28.62 | 51.67 | 41.15 | 50.59 | 52.81 | 49.69 | 63.57 | 48.89 | 73.65 | 48.20 | 83.12 | 47.64 | 91.89 |
| | 1320 | 57.66 | 15.82 | 56.26 | 30.26 | 55.06 | 43.47 | 53.98 | 55.80 | 53.09 | 67.19 | 52.29 | 77.84 | 51.59 | 87.84 | 51.03 | 96.92 |
| | 1390 | 61.04 | 16.70 | 59.64 | 31.89 | 58.44 | 45.79 | 57.36 | 58.79 | 56.47 | 70.83 | 55.67 | 82.03 | 54.97 | 92.40 | 54.42 | 101.97 |
| 1470 | 64.88 | 17.68 | 63.49 | 33.74 | 62.30 | 48.45 | 61.21 | 62.19 | 60.32 | 74.69 | 59.53 | 86.72 | 58.83 | 97.59 | 58.28 | 107.70 | |
| AB-250 | 620 | 32.53 | 9.44 | 30.60 | 18.31 | 28.90 | 26.46 | 27.39 | 33.91 | 26.12 | 40.92 | 25.02 | 47.25 | 24.03 | 53.11 | 23.27 | 58.78 |
| | 660 | 35.28 | 10.10 | 33.33 | 19.52 | 31.65 | 28.20 | 30.12 | 36.17 | 28.87 | 43.60 | 27.76 | 50.68 | 26.78 | 56.99 | 26.02 | 63.08 |
| | 700 | 38.00 | 10.73 | 36.04 | 20.73 | 34.35 | 29.93 | 32.83 | 38.42 | 31.58 | 46.28 | 30.47 | 53.81 | 29.50 | 60.79 | 28.74 | 67.28 |
| | 740 | 40.69 | 11.37 | 38.75 | 21.94 | 37.07 | 31.68 | 35.56 | 40.66 | 34.31 | 48.96 | 33.20 | 56.91 | 32.23 | 64.45 | 31.46 | 71.46 |
| | 780 | 43.40 | 12.02 | 41.47 | 23.16 | 39.79 | 33.41 | 38.27 | 42.92 | 37.02 | 51.64 | 35.92 | 60.03 | 34.95 | 67.97 | 34.19 | 75.64 |
| | 830 | 46.78 | 12.82 | 44.85 | 24.68 | 43.17 | 35.58 | 41.66 | 45.71 | 40.41 | 54.96 | 39.32 | 63.92 | 38.34 | 72.35 | 37.59 | 80.81 |
| | 880 | 50.15 | 13.62 | 48.22 | 26.19 | 46.55 | 37.74 | 45.04 | 48.52 | 43.79 | 58.31 | 42.70 | 67.79 | 41.71 | 76.73 | 40.97 | 85.91 |
| | 930 | 53.50 | 14.41 | 51.58 | 27.70 | 49.91 | 39.92 | 48.40 | 51.32 | 47.17 | 61.65 | 46.06 | 71.67 | 45.09 | 81.13 | 44.34 | 90.87 |
| | 990 | 57.53 | 15.36 | 55.61 | 29.51 | 53.94 | 42.50 | 52.43 | 54.69 | 51.20 | 65.64 | 50.09 | 76.33 | 49.12 | 86.40 | 48.38 | 96.82 |
| | 1050 | 61.54 | 16.31 | 59.62 | 31.33 | 57.95 | 45.11 | 56.45 | 58.06 | 55.21 | 69.66 | 54.12 | 80.97 | 53.15 | 91.67 | 52.39 | 102.78 |
| | 1110 | 65.53 | 17.33 | 63.59 | 33.19 | 61.94 | 47.76 | 60.43 | 61.48 | 59.20 | 73.85 | 58.08 | 85.81 | 57.12 | 97.14 | 56.36 | 108.74 |
| | 1180 | 70.17 | 18.52 | 68.25 | 35.39 | 66.58 | 50.84 | 65.09 | 65.45 | 63.85 | 78.73 | 62.75 | 91.46 | 61.78 | 103.51 | 61.01 | 115.69 |
| | 1250 | 74.82 | 19.69 | 72.89 | 37.56 | 71.24 | 53.94 | 69.75 | 69.43 | 68.51 | 83.63 | 67.40 | 97.09 | 66.45 | 109.89 | 65.68 | 122.66 |
| | 1320 | 79.44 | 20.87 | 77.51 | 39.76 | 75.86 | 57.04 | 74.37 | 73.40 | 73.14 | 88.53 | 72.04 | 102.73 | 71.08 | 116.29 | 70.30 | 129.64 |
| 1390 | 84.04 | 22.06 | 82.11 | 41.95 | 80.46 | 60.13 | 78.97 | 77.37 | 77.74 | 93.41 | 76.64 | 108.39 | 75.68 | 122.68 | 74.92 | 136.61 | |
| 1470 | 89.26 | 23.40 | 87.35 | 44.45 | 85.71 | 63.66 | 84.21 | 81.93 | 82.99 | 98.23 | 81.90 | 114.84 | 80.94 | 129.98 | 80.18 | 144.58 | |
| AB-300A | 620 | 44.42 | 13.40 | 41.69 | 25.56 | 39.49 | 36.58 | 37.67 | 46.86 | 36.01 | 56.35 | 34.53 | 65.16 | 33.22 | 73.34 | 32.08 | 80.94 |
| | 660 | 48.05 | 14.26 | 45.40 | 27.31 | 43.16 | 39.09 | 41.33 | 50.07 | 39.58 | 60.09 | 38.19 | 69.64 | 36.88 | 78.40 | 35.75 | 86.56 |
| | 700 | 51.74 | 15.13 | 49.07 | 28.98 | 46.85 | 41.62 | 45.03 | 53.33 | 43.37 | 64.15 | 41.89 | 74.18 | 40.58 | 83.51 | 39.44 | 92.20 |
| | 740 | 55.38 | 16.00 | 52.74 | 30.62 | 50.54 | 44.05 | 48.71 | 56.41 | 47.05 | 67.83 | 45.57 | 78.44 | 44.26 | 88.40 | 43.13 | 97.55 |
| | 780 | 59.05 | 16.87 | 56.43 | 32.29 | 54.23 | 46.43 | 52.40 | 59.47 | 50.74 | 71.50 | 49.26 | 82.67 | 47.95 | 93.17 | 46.82 | 102.82 |
| | 830 | 63.62 | 17.94 | 61.00 | 34.36 | 58.79 | 49.40 | 56.95 | 63.27 | 55.30 | 76.08 | 53.82 | 87.98 | 52.51 | 99.15 | 51.38 | 109.42 |
| | 880 | 68.18 | 19.02 | 65.55 | 36.42 | 63.35 | 52.38 | 61.51 | 67.10 | 59.86 | 80.66 | 58.37 | 93.28 | 57.07 | 105.12 | 55.94 | 116.02 |
| | 930 | 72.70 | 20.11 | 70.09 | 38.50 | 67.89 | 55.36 | 66.05 | 70.91 | 64.40 | 85.25 | 62.91 | 98.58 | 61.61 | 110.99 | 60.48 | 122.62 |
| | 990 | 78.13 | 21.40 | 75.52 | 40.97 | 73.28 | 58.93 | 71.44 | 75.49 | 69.79 | 90.76 | 68.30 | 104.94 | 67.00 | 118.27 | 65.87 | 130.55 |
| | 1050 | 83.53 | 22.70 | 80.93 | 43.46 | 78.66 | 62.50 | 76.83 | 80.07 | 75.17 | 96.26 | 73.69 | 111.31 | 72.27 | 125.43 | 71.24 | 138.46 |
| | 1110 | 88.90 | 24.01 | 86.27 | 45.94 | 84.03 | 66.08 | 82.17 | 84.64 | 80.51 | 101.78 | 79.04 | 117.68 | 77.72 | 132.61 | 76.59 | 146.40 |
| | 1180 | 95.14 | 25.53 | 92.53 | 48.85 | 90.25 | 70.25 | 88.37 | 90.00 | 86.71 | 108.22 | 85.23 | 125.12 | 83.92 | 140.99 | 82.79 | 155.66 |
| | 1250 | 101.38 | 27.05 | 98.76 | 51.76 | 96.45 | 74.43 | 94.57 | 95.34 | 92.91 | 114.66 | 91.43 | 132.57 | 90.12 | 149.37 | 88.99 | 164.91 |
| | 1320 | 107.57 | 28.57 | 104.95 | 54.66 | 102.65 | 78.60 | 100.77 | 100.68 | 99.11 | 121.10 | 97.63 | 140.02 | 96.32 | 157.75 | 95.19 | 174.18 |
| 1390 | 113.72 | 30.10 | 111.11 | 57.57 | 108.84 | 82.78 | 106.92 | 106.03 | 105.30 | 127.52 | 103.82 | 147.46 | 102.41 | 166.12 | 101.38 | 183.44 | |
| 1470 | 120.70 | 31.83 | 118.12 | 60.89 | 115.83 | 87.55 | 113.87 | 112.14 | 112.22 | 134.88 | 110.75 | 155.97 | 109.45 | 175.70 | 108.42 | 194.02 | |

PERFORMANCE PARAMETER TABLE

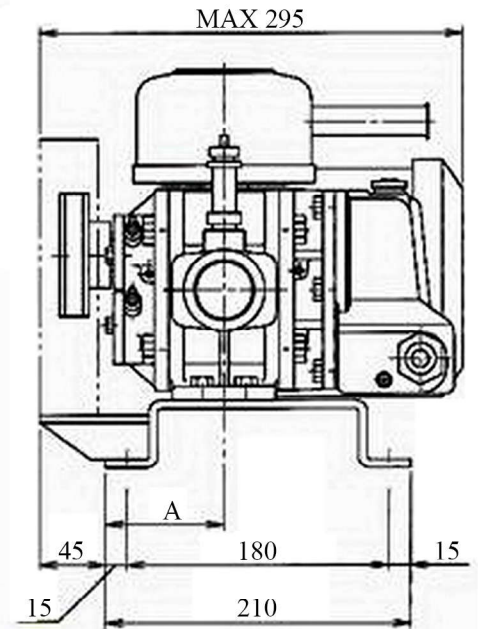
Qs = Inlet air flow (m³/min).
La = Power (kW). (S.F. 1.15)

| Type | RPM | 1000mmAq | | 2000mmAq | | 3000mmAq | | 4000mmAq | | 5000mmAq | | 6000mmAq | | 7000mmAq | | 8000mmAq | |
|--------|------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| | | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La | Qs | La |
| AB-300 | 600 | 72.20 | 19.50 | 69.37 | 34.99 | 67.14 | 50.37 | 65.03 | 66.15 | 63.21 | 80.58 | 61.63 | 96.75 | 60.05 | 110.26 | 58.46 | 125.43 |
| | 700 | 85.59 | 22.75 | 82.76 | 40.81 | 80.53 | 58.75 | 78.42 | 77.15 | 76.60 | 94.00 | 75.02 | 112.83 | 73.44 | 128.59 | 71.85 | 146.49 |
| | 800 | 98.98 | 25.99 | 96.15 | 46.64 | 93.92 | 67.14 | 91.81 | 88.17 | 89.99 | 108.10 | 88.74 | 128.92 | 86.83 | 146.92 | 85.24 | 166.51 |
| | 900 | 112.37 | 29.23 | 109.54 | 52.46 | 107.31 | 75.50 | 105.20 | 99.15 | 103.38 | 121.33 | 101.80 | 144.99 | 100.22 | 165.26 | 98.63 | 188.29 |
| | 1000 | 125.76 | 32.48 | 122.93 | 58.29 | 120.70 | 83.87 | 118.59 | 110.19 | 116.77 | 134.21 | 115.19 | 161.14 | 113.61 | 183.64 | 112.02 | 208.00 |
| | 1100 | 139.09 | 35.72 | 136.32 | 64.12 | 134.09 | 92.25 | 131.98 | 121.16 | 130.16 | 147.63 | 128.58 | 176.95 | 126.99 | 201.97 | 125.41 | 227.91 |
| | 1200 | 152.48 | 38.97 | 149.71 | 69.95 | 147.48 | 100.64 | 145.36 | 132.20 | 143.55 | 161.05 | 141.97 | 193.29 | 140.38 | 220.31 | 138.80 | 247.68 |
| | 1300 | 165.86 | 42.22 | 163.10 | 75.77 | 160.87 | 109.01 | 158.75 | 143.21 | 156.94 | 174.46 | 155.36 | 209.39 | 153.77 | 238.64 | 152.19 | 267.50 |
| | 1400 | 179.24 | 45.46 | 176.49 | 81.60 | 174.26 | 117.39 | 172.14 | 154.23 | 170.33 | 187.86 | 168.75 | 225.48 | 167.16 | 256.98 | 165.58 | 287.64 |
| AB-350 | 600 | 113.90 | 30.42 | 109.61 | 54.63 | 106.26 | 77.88 | 103.10 | 102.48 | 100.40 | 125.55 | 98.07 | 150.29 | 95.74 | 171.75 | 93.42 | 199.53 |
| | 700 | 134.94 | 35.51 | 130.65 | 63.70 | 127.30 | 90.98 | 124.14 | 120.77 | 121.44 | 146.64 | 119.11 | 175.46 | 116.78 | 200.56 | 114.45 | 233.04 |
| | 800 | 155.98 | 40.61 | 151.69 | 72.80 | 148.34 | 104.85 | 145.18 | 136.80 | 142.48 | 167.61 | 140.15 | 200.64 | 137.82 | 229.37 | 135.49 | 267.17 |
| | 900 | 177.01 | 45.70 | 172.73 | 84.18 | 169.38 | 117.36 | 166.22 | 153.89 | 163.52 | 188.72 | 161.19 | 225.80 | 158.86 | 258.16 | 156.53 | 299.95 |
| | 1000 | 198.05 | 50.80 | 193.77 | 90.97 | 190.42 | 131.15 | 187.26 | 171.07 | 184.56 | 209.81 | 182.23 | 251.02 | 179.90 | 287.06 | 177.57 | 333.45 |
| | 1100 | 219.00 | 55.89 | 214.81 | 100.05 | 211.46 | 144.31 | 208.30 | 188.21 | 205.60 | 230.90 | 203.27 | 275.98 | 200.94 | 315.87 | 198.61 | 366.74 |
| | 1200 | 240.04 | 60.95 | 235.85 | 109.14 | 232.50 | 157.49 | 229.33 | 205.39 | 226.63 | 252.01 | 224.31 | 301.36 | 221.98 | 344.68 | 219.65 | 399.74 |
| | 1300 | 261.06 | 66.01 | 256.89 | 118.22 | 253.54 | 170.65 | 250.37 | 222.49 | 247.67 | 273.06 | 245.35 | 326.54 | 243.02 | 373.49 | 240.69 | 432.75 |
| | 1400 | 282.09 | 71.07 | 277.93 | 127.31 | 274.58 | 183.83 | 271.41 | 239.66 | 268.71 | 294.14 | 266.39 | 351.72 | 264.06 | 402.30 | 261.73 | 465.75 |
| AB-400 | 600 | 132.72 | 35.39 | 127.73 | 63.53 | 123.82 | 91.43 | 120.13 | 120.07 | 116.99 | 146.26 | 114.27 | 175.62 | 111.56 | 200.13 | 109.17 | 232.46 |
| | 700 | 157.23 | 41.29 | 152.24 | 74.11 | 148.34 | 106.67 | 144.65 | 140.07 | 141.50 | 170.66 | 138.79 | 204.84 | 136.08 | 233.45 | 133.68 | 271.23 |
| | 800 | 181.75 | 47.18 | 176.76 | 84.70 | 172.86 | 121.90 | 169.17 | 160.14 | 166.02 | 194.94 | 163.31 | 234.07 | 160.60 | 266.77 | 158.20 | 309.87 |
| | 900 | 206.27 | 53.08 | 201.28 | 99.00 | 197.37 | 137.10 | 193.68 | 180.07 | 190.54 | 219.33 | 187.83 | 263.29 | 185.11 | 300.08 | 182.72 | 348.62 |
| | 1000 | 230.79 | 58.97 | 225.80 | 105.88 | 221.89 | 152.33 | 218.20 | 200.13 | 215.06 | 243.73 | 212.34 | 292.65 | 209.63 | 333.51 | 207.24 | 387.39 |
| | 1100 | 255.19 | 64.87 | 250.31 | 116.46 | 246.41 | 167.57 | 242.72 | 220.08 | 239.57 | 268.12 | 236.86 | 321.38 | 234.15 | 366.83 | 231.76 | 426.16 |
| | 1200 | 279.71 | 70.78 | 274.83 | 127.06 | 270.92 | 182.79 | 267.24 | 240.13 | 264.09 | 292.53 | 261.38 | 351.11 | 258.67 | 400.14 | 256.28 | 464.92 |

INSTALLATION DIMENSIONS

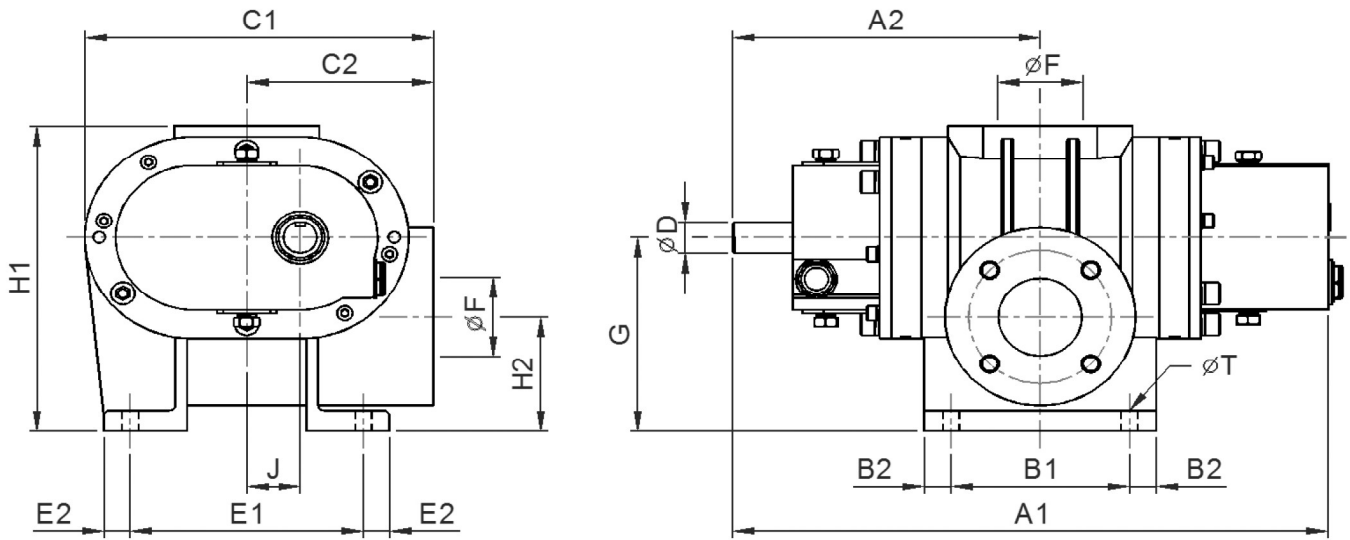


| Type | Ød |
|-------|----|
| AB-20 | 20 |
| AB-25 | 25 |
| AB-32 | 32 |



INSTALLATION DIMENSIONS

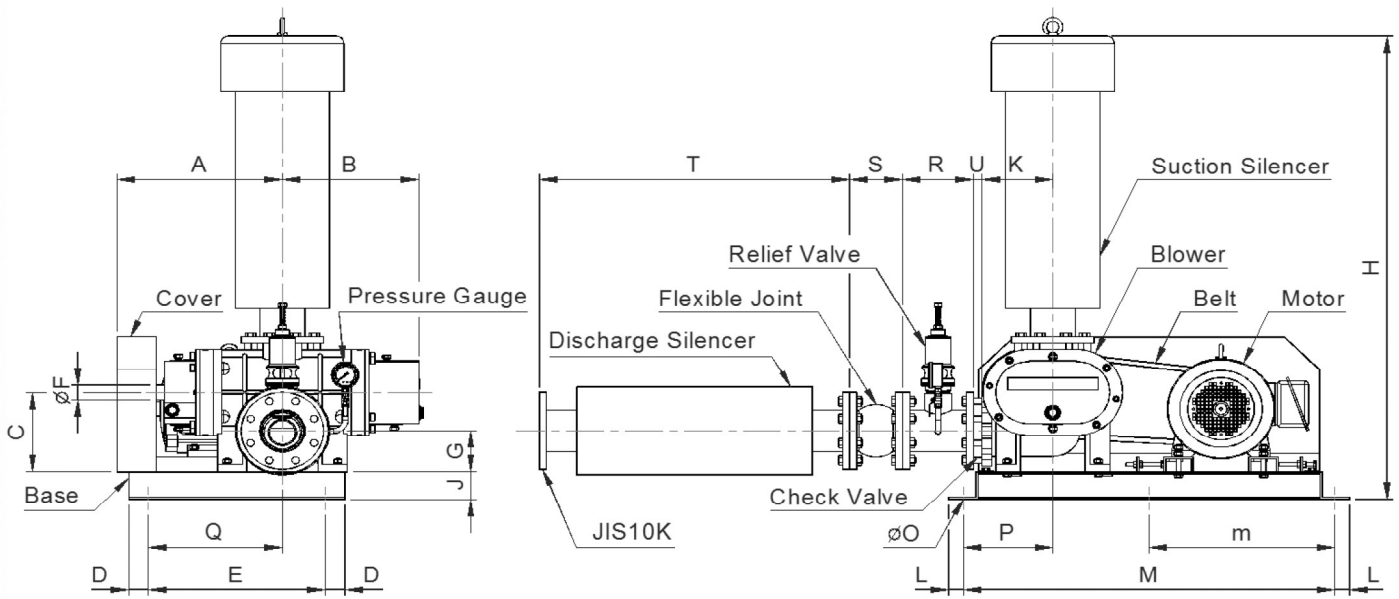
Main-Body



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

INSTALLATION DIMENSIONS

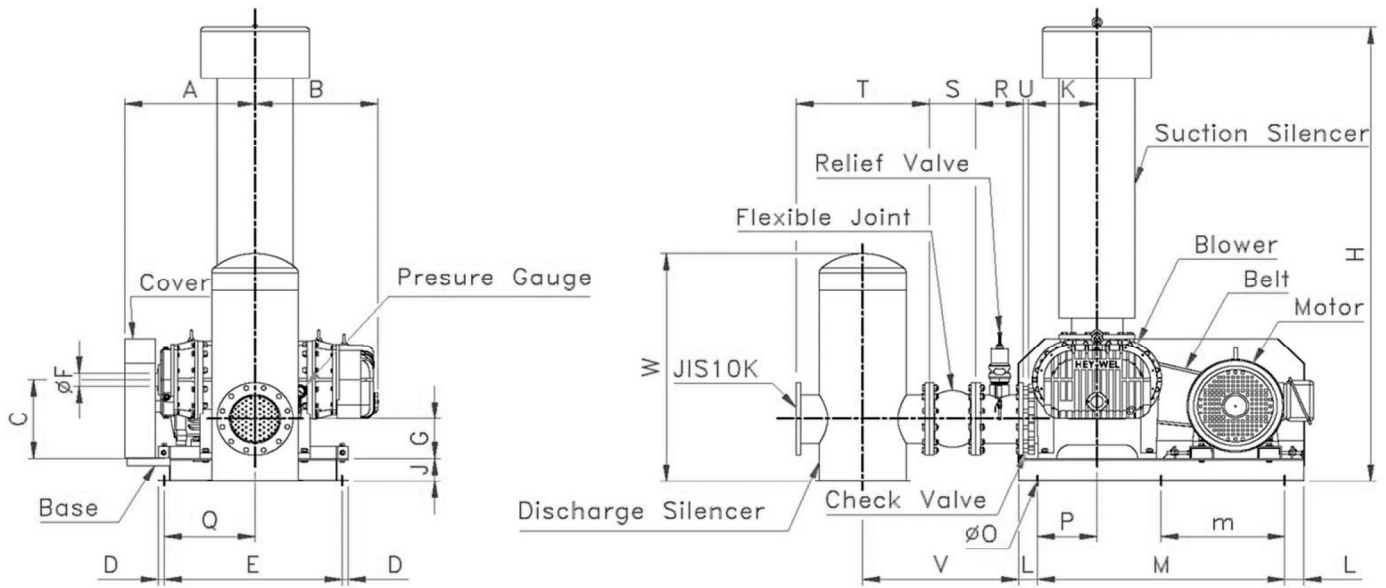
Horizontal Outlet Silencer



| Type | A | B | C | D | E | ØF | G | H | J | K | L | M | m | ØO | P | Q | R | U | S | T | Weight (kg.) |
|---------|------|-----|-----|------|------|----|-----|------|-----|-----|------|------|------|------|-----|-----|-----|----|-----|------|--------------|
| AB-40 | 235 | 202 | 180 | 20 | 350 | 28 | 104 | 731 | 46 | 140 | 50 | 500 | - | 14 | 98 | 255 | 150 | 20 | 105 | 589 | 85 |
| AB-50 | 274 | 242 | 191 | 50 | 350 | 28 | 104 | 933 | 75 | 140 | 37.5 | 795 | - | 12.7 | 208 | 209 | 150 | 20 | 105 | 589 | 122 |
| AB-65 | 303 | 272 | 194 | 50 | 350 | 28 | 104 | 936 | 75 | 152 | 37.5 | 795 | - | 12.7 | 208 | 238 | 150 | 24 | 115 | 589 | 132 |
| AB-80 | 371 | 297 | 212 | 50 | 450 | 38 | 107 | 1251 | 75 | 180 | 37.5 | 945 | - | 12.7 | 228 | 291 | 180 | 24 | 136 | 789 | 233 |
| AB-100 | 421 | 347 | 217 | 50 | 450 | 38 | 112 | 1262 | 75 | 180 | 37.5 | 945 | - | 12.7 | 228 | 341 | 180 | 22 | 136 | 789 | 247 |
| AB-125A | 435 | 371 | 262 | 25 | 550 | 48 | 135 | 1851 | 100 | 250 | 100 | 900 | - | 19 | 133 | 240 | 250 | 24 | 174 | 1260 | 408 |
| AB-125 | 495 | 431 | 262 | 25 | 550 | 48 | 163 | 1851 | 100 | 250 | 100 | 900 | - | 19 | 138 | 300 | 250 | 24 | 174 | 1260 | 434 |
| AB-150 | 536 | 486 | 289 | 25 | 550 | 48 | 163 | 1874 | 100 | 250 | 100 | 900 | - | 19 | 138 | 341 | 250 | 26 | 180 | 1260 | 485 |
| AB-200A | 560 | 498 | 402 | 32.5 | 935 | 65 | 198 | 2263 | 125 | 360 | 100 | 1300 | 650 | 20 | 313 | 352 | 250 | 27 | 205 | 1640 | 990 |
| AB-200 | 610 | 548 | 402 | 32.5 | 935 | 65 | 198 | 2263 | 125 | 350 | 100 | 1300 | 650 | 20 | 313 | 406 | 250 | 27 | 205 | 1640 | 1080 |
| AB-250 | 685 | 623 | 435 | 32.5 | 935 | 65 | 218 | 2500 | 125 | 360 | 100 | 1300 | 650 | 20 | 313 | 478 | 250 | 28 | 240 | 1760 | 1350 |
| AB-300A | 800 | 723 | 435 | 37.5 | 925 | 75 | 255 | 2682 | 150 | 360 | 235 | 1530 | 765 | 24 | 273 | 523 | 300 | 32 | 260 | 1750 | 1660 |
| AB-300 | 780 | 607 | 550 | 45 | 1010 | 95 | 300 | 3097 | 250 | 510 | 235 | 2000 | 1000 | 33 | 325 | 400 | 300 | 32 | 260 | 1850 | 2500 |
| AB-350 | 940 | 767 | 550 | 45 | 1110 | 95 | 300 | 3367 | 250 | 510 | 235 | 2000 | 1000 | 33 | 325 | 560 | 350 | 35 | 265 | 2500 | 3380 |
| AB-400 | 1020 | 837 | 550 | 45 | 1110 | 95 | 300 | 3363 | 250 | 510 | 235 | 2000 | 1000 | 33 | 325 | 670 | 350 | 40 | 265 | 2700 | 3850 |

INSTALLATION DIMENSIONS

Vertical Outlet Silencer



| Type | A | B | C | D | E | ØF | G | H | J | K | L | M | m | ØO | P | Q | R | U | S | T | V | W | Weight (kg.) |
|---------|-----|-----|-----|----|-----|----|-----|------|-----|-----|------|------|-----|------|-----|-----|-----|----|-----|-----|-----|------|--------------|
| AB-40 | 235 | 202 | 108 | 20 | 350 | 28 | 104 | 731 | 46 | 140 | 50 | 500 | - | 14 | 98 | 255 | 150 | 20 | 105 | 300 | 417 | 420 | 102 |
| AB-50 | 274 | 242 | 191 | 50 | 350 | 28 | 104 | 933 | 75 | 140 | 37.5 | 795 | - | 12.7 | 208 | 209 | 150 | 20 | 105 | 300 | 389 | 420 | 130.5 |
| AB-65 | 303 | 272 | 194 | 50 | 350 | 28 | 104 | 936 | 75 | 152 | 37.5 | 75 | - | 12.7 | 208 | 238 | 150 | 24 | 115 | 350 | 440 | 485 | 142 |
| AB-80 | 371 | 297 | 212 | 50 | 450 | 38 | 107 | 1251 | 75 | 180 | 37.5 | 945 | - | 12.7 | 228 | 291 | 180 | 24 | 136 | 400 | 518 | 595 | 239 |
| AB-100 | 421 | 347 | 217 | 50 | 450 | 38 | 112 | 1262 | 75 | 180 | 37.5 | 945 | - | 12.7 | 228 | 341 | 180 | 22 | 136 | 450 | 547 | 665 | 262.5 |
| AB-125A | 435 | 371 | 262 | 25 | 550 | 48 | 135 | 1851 | 100 | 250 | 100 | 900 | - | 19 | 133 | 240 | 250 | 24 | 174 | 500 | 715 | 805 | 423 |
| AB-125 | 495 | 431 | 262 | 25 | 550 | 48 | 163 | 1851 | 100 | 250 | 100 | 900 | - | 19 | 138 | 300 | 250 | 24 | 174 | 500 | 711 | 805 | 449 |
| AB-150 | 536 | 486 | 289 | 25 | 550 | 48 | 163 | 1874 | 100 | 250 | 100 | 900 | - | 19 | 138 | 341 | 250 | 26 | 180 | 598 | 773 | 920 | 519 |
| AB-200A | 560 | 498 | 402 | 33 | 935 | 65 | 198 | 2263 | 125 | 360 | 100 | 1300 | 650 | 20 | 313 | 352 | 250 | 27 | 205 | 648 | 761 | 1080 | 984 |
| AB-200 | 610 | 548 | 402 | 33 | 935 | 65 | 198 | 2263 | 125 | 360 | 100 | 1300 | 650 | 20 | 313 | 403 | 250 | 27 | 205 | 648 | 743 | 1080 | 1076 |
| AB-250 | 685 | 646 | 435 | 33 | 935 | 65 | 218 | 2500 | 125 | 360 | 100 | 1300 | 650 | 20 | 313 | 478 | 250 | 28 | 245 | 700 | 820 | 1255 | 1356 |