





## FEATURE

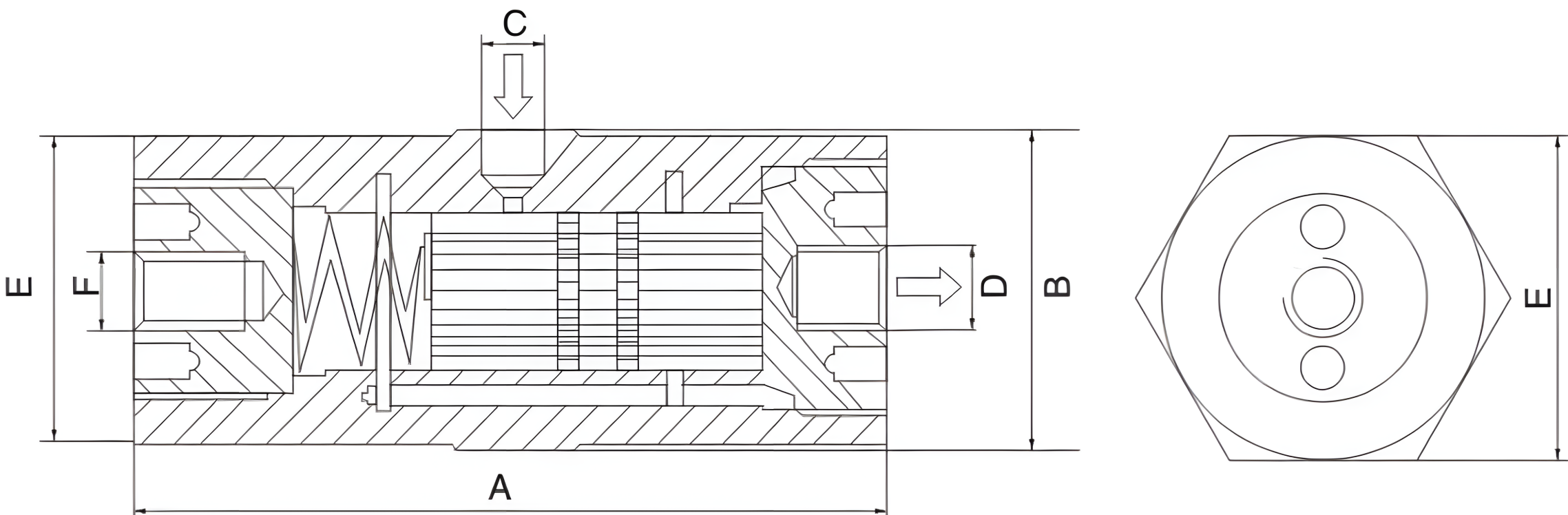
- 1. High power, minimal lubrication, quiet
- 2. Nominal frequency 3000-6700/min
- 3. Excitation force 34-1080 Newtons
- 4. Continuous adjustable frequency and amplitude (adjusting air pressure)
- 5. Maximum operating temperature: 100 °C
- 6. Can be used in harsh environments

## DATE SHEET

| Model   | Frequency/minute |        | centrifugal force (N) |        | Air consumption | Weight |
|---------|------------------|--------|-----------------------|--------|-----------------|--------|
|         | 0.2MPa           | 0.6MPa | 0.2MPa                | 0.6MPa | L/min           | g      |
| FP-12-M | 5000             | 6700   | 34                    | 74     | 0.5-19          | 178    |
| FP-18-M | 4000             | 5900   | 68                    | 188    | 4-52            | 352    |
| FP-25-M | 3000             | 4200   | 450                   | 504    | 23-87           | 672    |
| FP-35-M | 3000             | 4600   | 550                   | 1080   | 24-141          | 1135   |

Parameter conversion: 1 kilogram=9.8 newtons

## OVERALLDIMENSION&STRUCTURE



| Model   | A(mm) | C    | D(mm) | E(mm) | F    |
|---------|-------|------|-------|-------|------|
| FP-12-M | 81    | G1/8 | M-8   | 32    | G1/8 |
| FP-18-M | 94    | G1/8 | M-10  | 41    | G1/8 |
| FP-25-M | 100   | G1/8 | M-12  | 48    | G1/4 |
| FP-35-M | 109   | G1/4 | M-12  | 63    | G1/4 |





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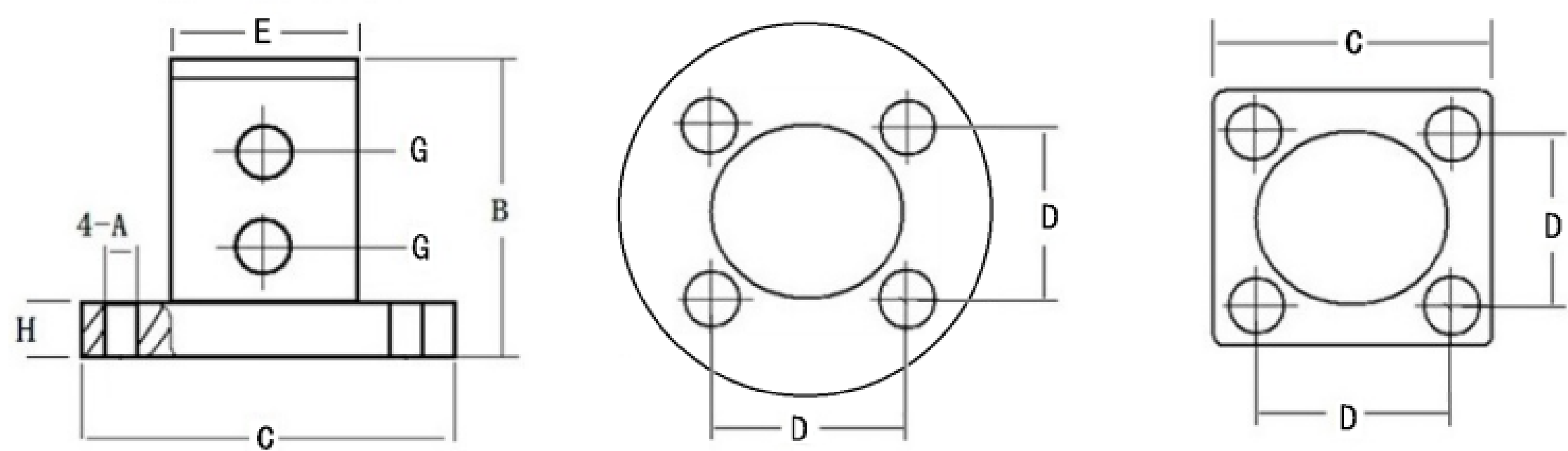
- 1. High power, minimal lubrication, quiet
- 2. Nominal frequency 1700-4850/min
- 3. Excitation force 265-5250 Newtons
- 4. Continuous adjustable frequency and amplitude (adjusting air pressure)
- 5. Maximum operating temperature: 100 °C
- 6. Can be used in harsh environments

## DATE SHEET

| Model   | Frequency/minute |        |        | centrifugal force (N) |        |        | Air consumption |
|---------|------------------|--------|--------|-----------------------|--------|--------|-----------------|
|         | 0.2MPa           | 0.4MPa | 0.6MPa | 0.2MPa                | 0.4MPa | 0.6MPa | L/min           |
| FP-32   | 3250             | 4000   | 4850   | 265                   | 550    | 865    | 33-108          |
| FP-40-M | 2550             | 3080   | 3560   | 350                   | 850    | 1550   | 50-198          |
| FP-50-M | 1880             | 2350   | 2850   | 450                   | 1050   | 1750   | 96-336          |
| FP-60-M | 1780             | 2250   | 2780   | 550                   | 1305   | 2150   | 96-336          |
| FP-80-M | 1700             | 2150   | 2680   | 600                   | 3000   | 5250   | 96-336          |

Parameter conversion: 1 kilogram=9.8 newtons

## OVERALLDIMENSION&STRUCTURE



FP-32 and FP-80-M  
have square bases

| Model   | A(mm) | B(mm) | C(mm) | D(mm) | E(mm) | F(mm) | G    |
|---------|-------|-------|-------|-------|-------|-------|------|
| FP-32   | 7     | 92    | 60    | 46    | 57    | 15    | G1/8 |
| FP-40-M | 9     | 122   | 80    | 47    | 60    | 15    | G1/8 |
| FP-50-M | 11    | 140   | 94    | 54    | 68    | 15    | G1/4 |
| FP-60-M | 11    | 185   | 120   | 67    | 92    | 20    | G3/8 |
| FP-80-M | 13    | 193   | 116   | 82    | 114   | 20    | G3/8 |



## FEATURE

- 1. High power, minimal lubrication, quiet
- 2. Nominal frequency 43-146 times/second
- 3. Excitation force 150-2039 Newtons
- 4. Continuous adjustable frequency and amplitude (adjusting air pressure)
- 5. Maximum operating temperature: 150 °C
- 6. Can be used in harsh environments

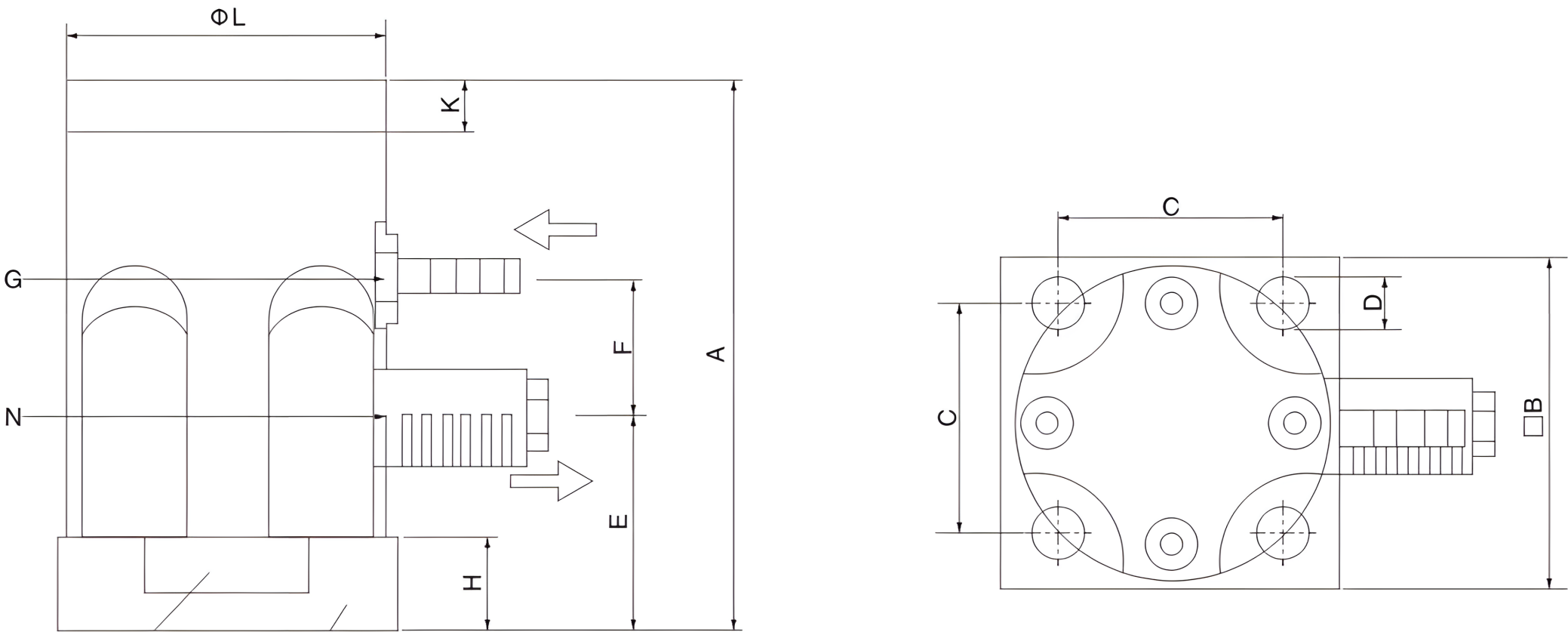
## DATE SHEET

| Model | Frequency/minute |        |        | centrifugal force (N) |        |        | Air consumption |
|-------|------------------|--------|--------|-----------------------|--------|--------|-----------------|
|       | 0.2MPa           | 0.4MPa | 0.6MPa | 0.2MPa                | 0.4MPa | 0.6MPa | L/min           |
| NTP25 | 3250             | 4000   | 4850   | 265                   | 550    | 865    | 33-108          |
| NTP32 | 2550             | 3080   | 3560   | 350                   | 850    | 1550   | 50-198          |
| NTP48 | 1880             | 2350   | 2850   | 450                   | 1050   | 1750   | 96-336          |

Parameter conversion: 1 kilogram=9.8 newtons

[Note]Although the vibration force parameter of the NTP series piston reciprocating vibrator is not the rotational centrifugal force, the actual force used will not be smaller than the rotational centrifugal force because the piston reciprocating vibrator directly outputs power.

## OVERALLDIMENSION&STRUCTURE



| Model | A(mm) | B(mm) | C(mm) | D(mm) | E(mm) | F(mm) | G    | H(mm) | K(mm) | L(mm) | N    | Weight |
|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|--------|
| NTP25 | 93    | 60    | 46    | 6.5   | 36    | 14.5  | G1/8 | 15    | 8     | 57    | G1/8 | 0.61kg |
| NTP32 | 145   | 75    | 51    | 11    | 48    | 32    | G1/4 | 20    | 10    | 68    | G1/4 | 1.47kg |
| NTP48 | 192   | 100   | 78    | 13    | 60    | 51    | G3/8 | 25    | 15    | 92    | G3/8 | 3.95kg |



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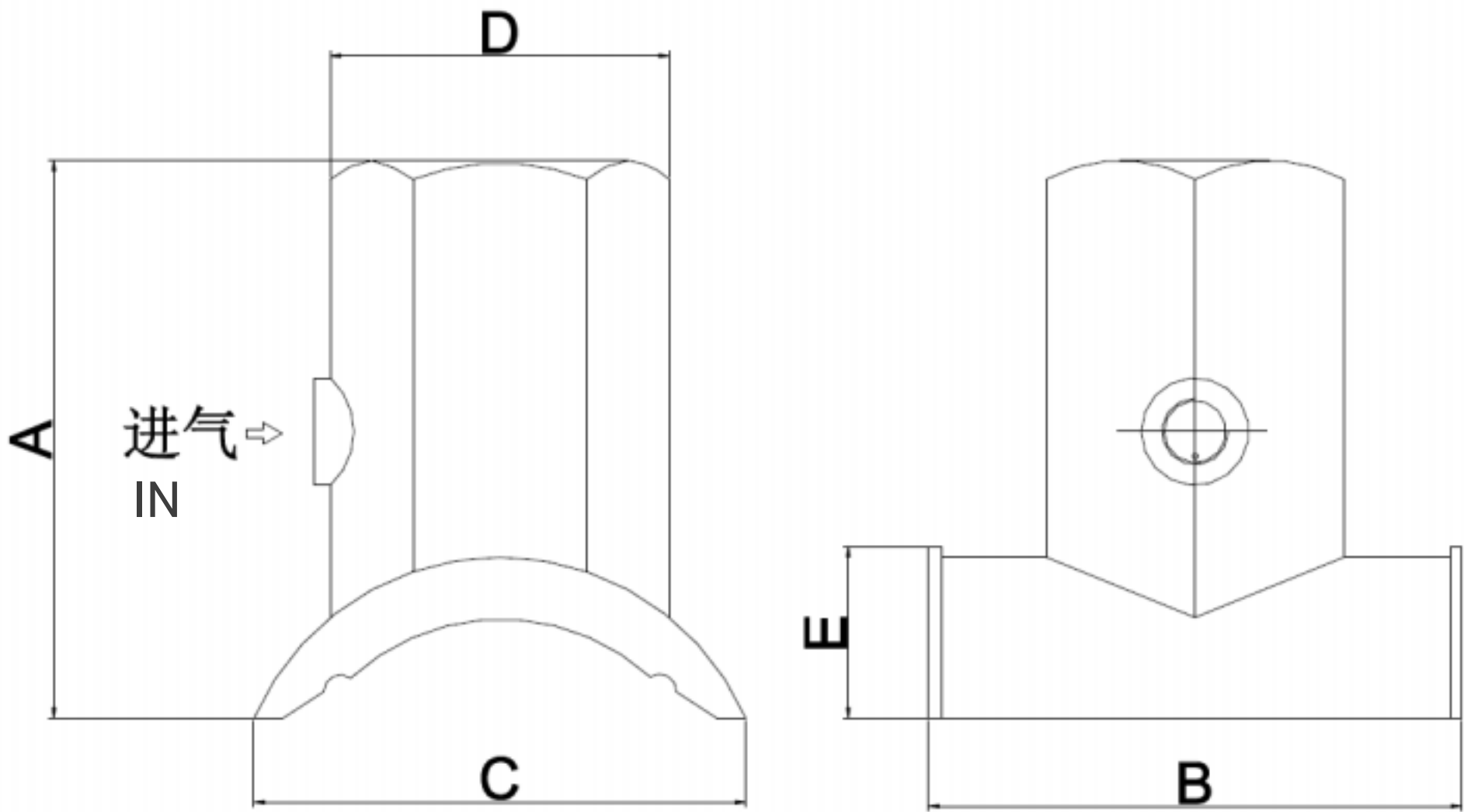
The installation of pipeline vibrators and pipelines is fixed with stainless steel straps.

Pipeline vibrators can be used to shake off materials adhered to the inner surface of pipelines, including material silos, oil pipes, water pipes, filter outlets, reaction tanks, and pipelines.

## DATE SHEET

| Model    | Impact(NM) | Impact frequency/s | Applicable pipeline diameter(mm) | Air consumption/min(L) |
|----------|------------|--------------------|----------------------------------|------------------------|
| RFP-40-U | 15-1000    | 40-120             | 50-165                           | 65-85                  |
| RFP-50-U | 25-2200    | 35-90              | 165-285                          | 75-95                  |

## OVERALLDIMENSION&STRUCTURE



| Model    | A(mm) | B(mm) | C(mm) | D(mm) | E(mm) | IN   |
|----------|-------|-------|-------|-------|-------|------|
| RFP-40-U | 123   | 100   | 62    | 62    | 33    | G1/4 |
| RFP-50-U | 135   | 129   | 118   | 82    | 46    | G3/8 |