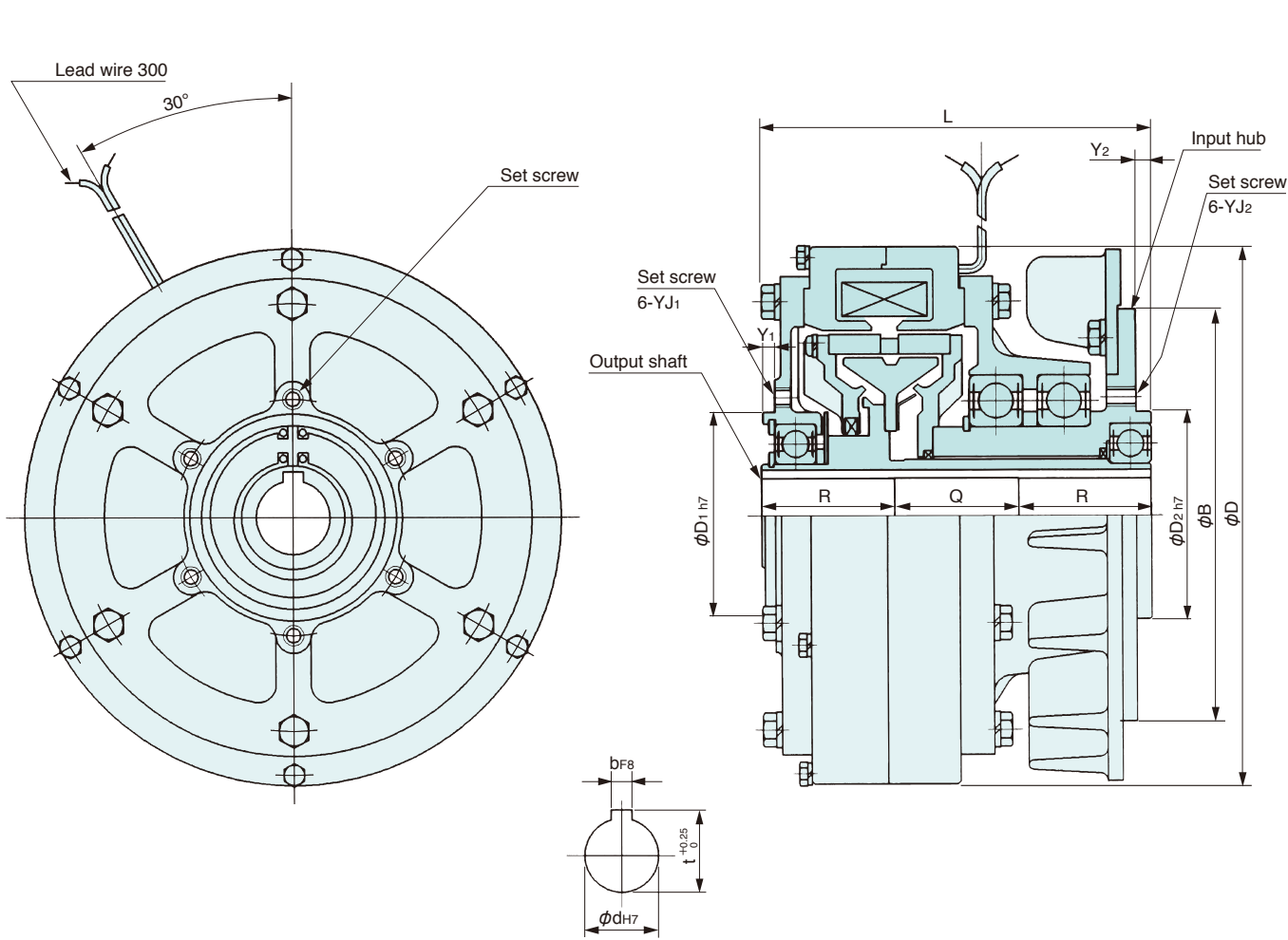


Clutch(Self-Ventilating)

PHC-0.6, 1.2, 2.5, 5, 10, 20R

| Model    | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|----------|------------------|---------------------|-----------------------------|----------|
| PHC-0.6R | 6                | 24                  | 22.5                        | 4.2      |
| PHC-1.2R | 12               | 24                  | 23                          | 5.7      |
| PHC-2.5R | 25               | 24                  | 30                          | 10       |
| PHC-5R   | 50               | 24                  | 54                          | 17       |
| PHC-10R  | 100              | 24                  | 52.8                        | 43       |
| PHC-20R  | 200              | 24                  | 66                          | 70       |

- (Note)
- Whirl-stop should be applied using the YJ<sub>1</sub> screw hole
  - Never cover the ventilating window if you fix the output bracket
  - Never apply three-point suspension if you fix the output bracket to rigid
  - When pulling sideways, with a pulley attached to the hub input, use bearings underneath to take the load



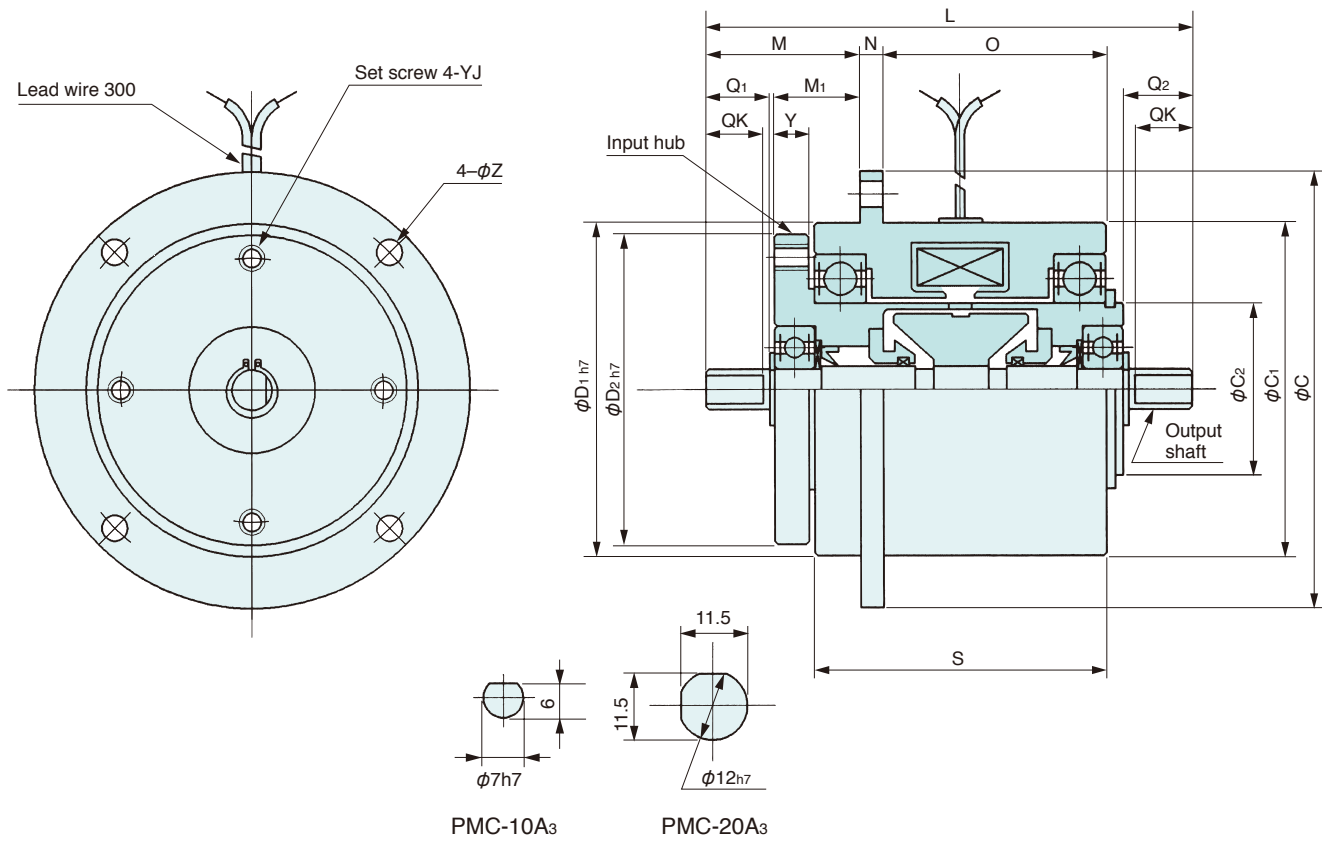
Unit : mm

| Model    | Diameter direction |     |                |                | Shaft direction |      |      |                |                | Attachment      |          |                 |        | Shaft hole |    |      |
|----------|--------------------|-----|----------------|----------------|-----------------|------|------|----------------|----------------|-----------------|----------|-----------------|--------|------------|----|------|
|          |                    |     |                |                |                 |      |      |                |                | YJ <sub>1</sub> |          | YJ <sub>2</sub> |        |            |    |      |
|          | B                  | D   | D <sub>2</sub> | D <sub>1</sub> | L               | Q    | R    | Y <sub>1</sub> | Y <sub>2</sub> | P.C.D           | Tap      | P.C.D           | Tap    | d          | b  | t    |
| PHC-0.6R | 89                 | 134 | 50             | 50             | 93              | 42   | 25.5 | 4              | 4              | 60              | M4x6     | 60              | M4x6   | 12         | 4  | 13.5 |
| PHC-1.2R | 89                 | 152 | 45             | 70             | 96              | 46   | 25   | 4              | 4              | 80              | M4x8     | 55              | M5x6   | 15         | 5  | 17   |
| PHC-2.5R | 140                | 182 | 70             | 70             | 132             | 42   | 45   | 4              | 5              | 80              | M6x9     | 80              | M6x10  | 25         | 7  | 28   |
| PHC-5R   | 165                | 219 | 87             | 87             | 148             | 68   | 40   | 4              | 4              | 102             | M8x10    | 102             | M8x10  | 35         | 10 | 38.5 |
| PHC-10R  | 190                | 290 | 105            | 110            | 184.5           | 63.5 | 60   | 4              | 6              | 140             | M8x10    | 120             | M10x13 | 45         | 12 | 48.5 |
| PHC-20R  | 220                | 335 | 130            | 130            | 222             | 69   | 75   | 4              | 9              | 150             | M10x13.5 | 150             | M10x15 | 55         | 15 | 60   |

Micro Type

PMC-10, 20A<sub>3</sub>

| Model                | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|----------------------|------------------|---------------------|-----------------------------|----------|
| PMC-10A <sub>3</sub> | 1                | 24                  | 13.5                        | 0.90     |
| PMC-20A <sub>3</sub> | 2                | 24                  | 15                          | 1.34     |



Unit : mm

| Model                | Diameter direction |                |                |                |                | Shaft direction |    |                |   |    |    |   | Attachment |      |       |      | Shaft end      |                |    |
|----------------------|--------------------|----------------|----------------|----------------|----------------|-----------------|----|----------------|---|----|----|---|------------|------|-------|------|----------------|----------------|----|
|                      |                    |                |                |                |                |                 |    |                |   |    |    |   | Z          |      | YJ    |      |                |                |    |
|                      | C                  | C <sub>1</sub> | C <sub>2</sub> | D <sub>1</sub> | D <sub>2</sub> | L               | M  | M <sub>1</sub> | N | O  | S  | Y | P.C.D      | Hole | P.C.D | Tap  | Q <sub>1</sub> | Q <sub>2</sub> | QK |
| PMC-10A <sub>3</sub> | 76                 | 58             | 30             | 58             | 54             | 85              | 27 | 15             | 4 | 39 | 51 | 6 | 68         | 4.5  | 46    | M4x6 | 11             | 12             | 10 |
| PMC-20A <sub>3</sub> | 92                 | 69             | 35             | 69             | 54             | 116             | 47 | 22             | 4 | 32 | 51 | 6 | 82         | 4.5  | 46    | M4x6 | 24             | 25             | 20 |