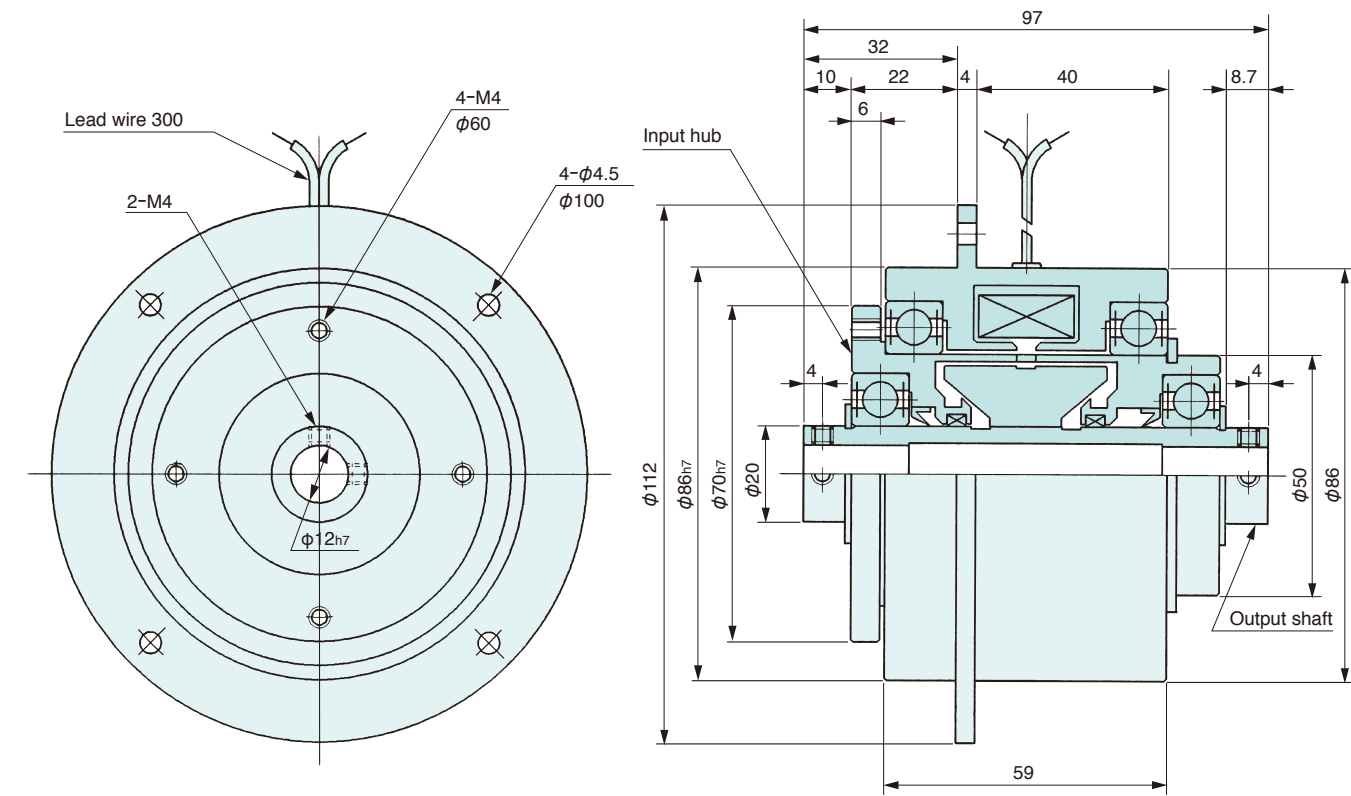


Micro Type

PMC-40A<sub>3</sub>

| Model                | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|----------------------|------------------|---------------------|-----------------------------|----------|
| PMC-40A <sub>3</sub> | 4                | 24                  | 18                          | 2.5      |

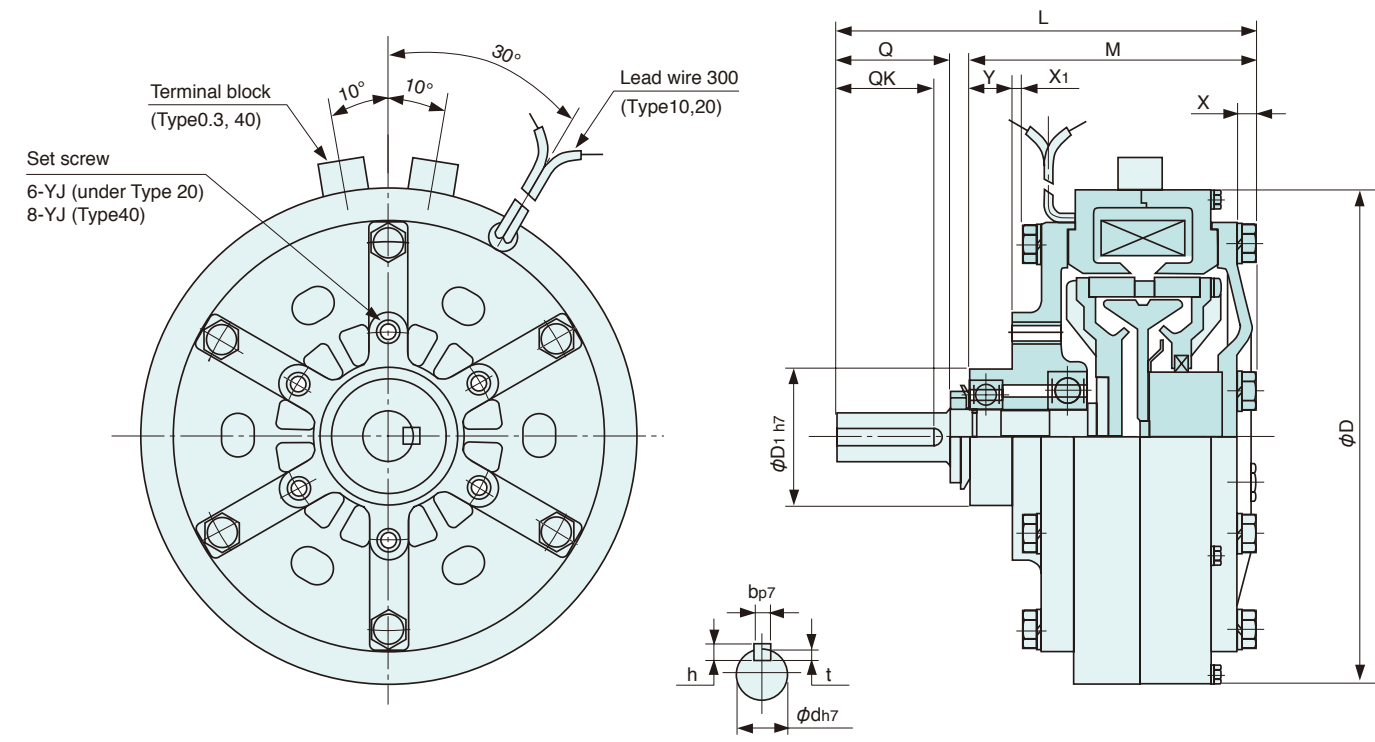


Unit : mm

Brake Naturally Cooled

POB-0.3, 0.6, 1.2, 2.5, 5, 10, 20, 40

| Model   | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|---------|------------------|---------------------|-----------------------------|----------|
| POB-0.3 | 3                | 24                  | 13.3                        | 2.4      |
| POB-0.6 | 6                | 24                  | 22.5                        | 3.4      |
| POB-1.2 | 12               | 24                  | 23                          | 5.2      |
| POB-2.5 | 25               | 24                  | 30                          | 11       |
| POB-5   | 50               | 24                  | 54                          | 16       |
| POB-10  | 100              | 24                  | 52.8                        | 33       |
| POB-20  | 200              | 24                  | 66                          | 48       |
| POB-40  | 400              | 24                  | 92                          | 80       |



Unit : mm

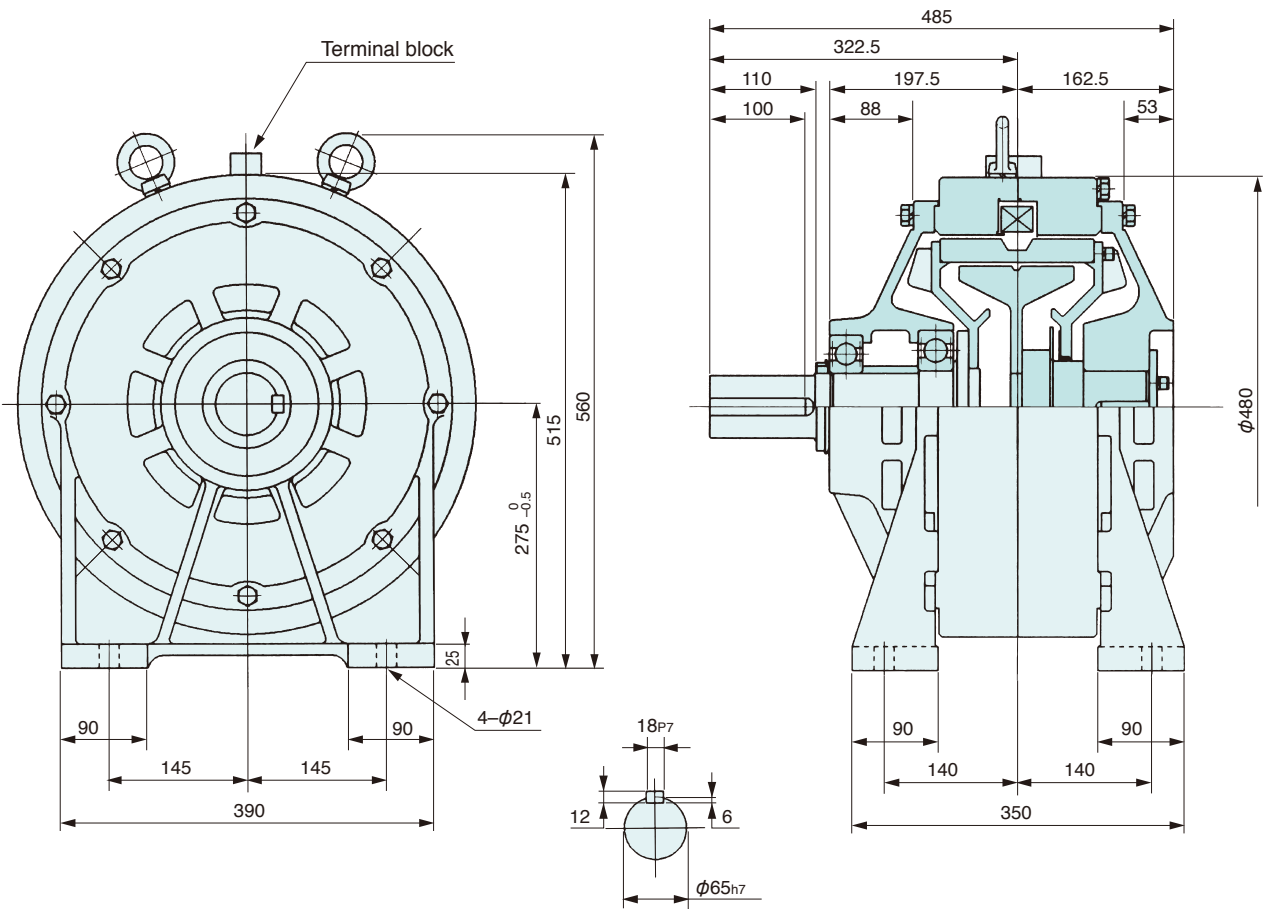
| Model   | Diameter direction |                | Shaft direction |       |      |                |    | Attachment |        | Shaft end |    |    |    |   |     |
|---------|--------------------|----------------|-----------------|-------|------|----------------|----|------------|--------|-----------|----|----|----|---|-----|
|         |                    |                |                 |       |      |                |    |            |        |           |    |    |    |   |     |
|         | D                  | D <sub>1</sub> | L               | M     | X    | X <sub>1</sub> | Y  | P.C.D      | Tap    | Q         | QK | d  | b  | h | t   |
| POB-0.3 | 120                | 42             | 105             | 75    | 8.6  | 11             | 11 | 64         | M5×10  | 23        | 20 | 10 | 4  | 4 | 2.5 |
| POB-0.6 | 134                | 42             | 109             | 76.5  | 5.5  | 2.2            | 10 | 64         | M5×11  | 26        | 22 | 12 | 4  | 4 | 2.5 |
| POB-1.2 | 152                | 42             | 130.5           | 89.5  | 7.5  | 3.5            | 13 | 64         | M6×13  | 34.5      | 27 | 15 | 5  | 5 | 3   |
| POB-2.5 | 182                | 55             | 155             | 103   | 5.5  | 2              | 15 | 78         | M6×13  | 43        | 35 | 20 | 5  | 5 | 3   |
| POB-5   | 219                | 74             | 189             | 122.5 | 5.5  | 2.5            | 23 | 100        | M6×13  | 57        | 47 | 25 | 7  | 7 | 4   |
| POB-10  | 290                | 100            | 233.5           | 155.5 | 7.5  | 7.5            | 25 | 140        | M10×18 | 67        | 56 | 30 | 7  | 7 | 4   |
| POB-20  | 335                | 110            | 263.5           | 180.5 | 9.5  | 10.5           | 25 | 150        | M10×18 | 71        | 60 | 35 | 10 | 8 | 4.5 |
| POB-40  | 395                | 130            | 330             | 224   | 16.1 | 22.5           | 33 | 200        | M12×20 | 92        | 80 | 45 | 12 | 8 | 4.5 |

Brake Naturally Cooled

Build-to-order product

POB-80

| Model  | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|--------|------------------|---------------------|-----------------------------|----------|
| POB-80 | 800              | 24                  | 110                         | 260      |

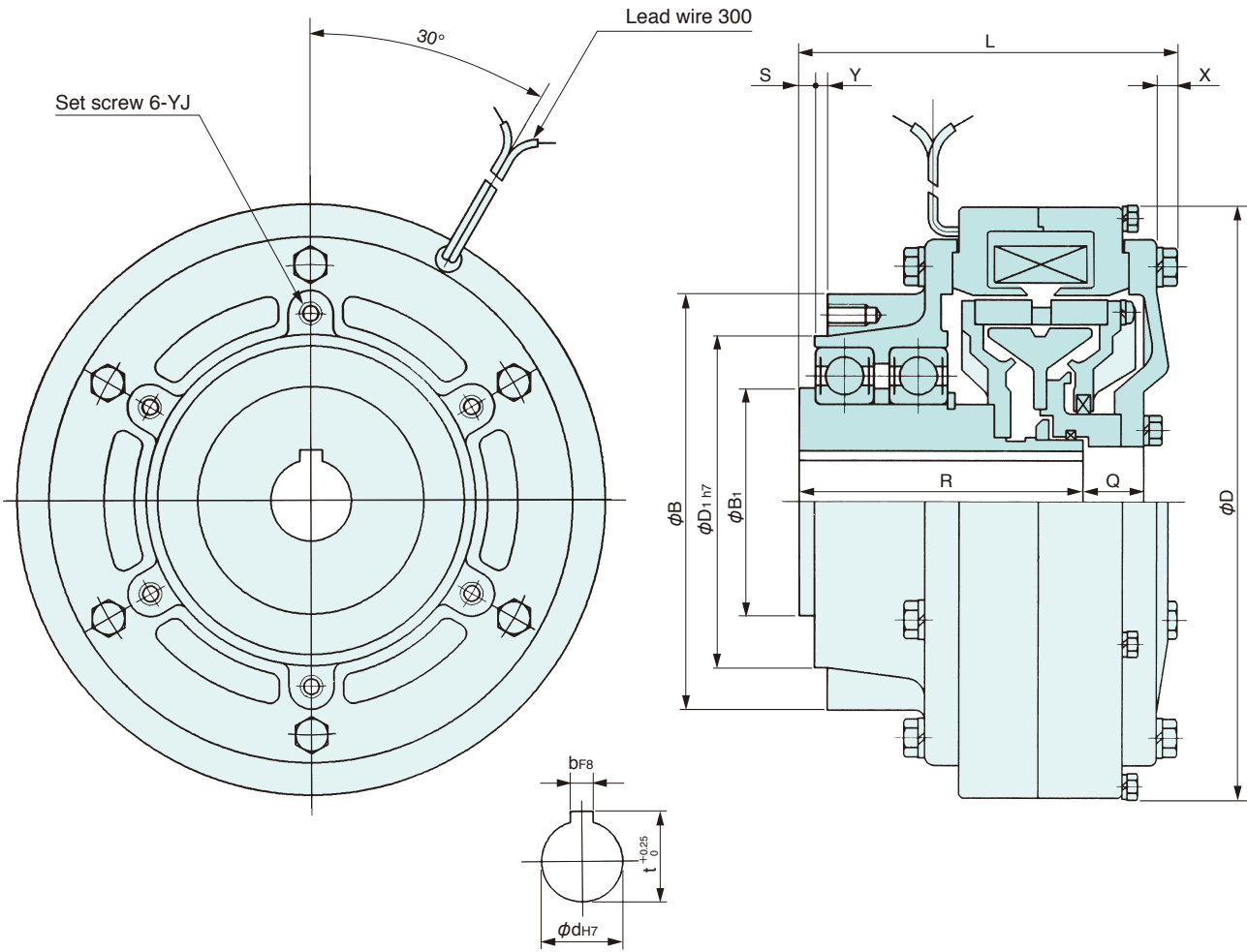


Unit : mm

Brake Naturally Cooled

PHB-0.6, 1.2, 2.5, 5, 10, 20

| Model   | Rated torque(Nm) | Rated voltage(DC-V) | Power consumption at75°C(W) | Mass(kg) |
|---------|------------------|---------------------|-----------------------------|----------|
| PHB-0.6 | 6                | 24                  | 22.5                        | 4.0      |
| PHB-1.2 | 12               | 24                  | 23                          | 5.0      |
| PHB-2.5 | 25               | 24                  | 30                          | 9.0      |
| PHB-5   | 50               | 24                  | 54                          | 15       |
| PHB-10  | 100              | 24                  | 52.8                        | 38       |
| PHB-20  | 200              | 24                  | 66                          | 48       |



Unit : mm

| Model   | Diameter direction |                |     |                | Shaft direction |      |      |     |   |     | Attachment<br>YJ |        | Shaft hole |    |      |
|---------|--------------------|----------------|-----|----------------|-----------------|------|------|-----|---|-----|------------------|--------|------------|----|------|
|         | B                  | B <sub>1</sub> | D   | D <sub>1</sub> | L               | R    | Q    | S   | Y | X   | P.C.D            | Tap    | d          | b  | t    |
| PHB-0.6 | 90                 | 45             | 134 | 70             | 82.3            | 59.5 | 18   | 2   | 3 | 4.8 | 80               | M5x12  | 12         | 4  | 13.5 |
| PHB-1.2 | 102                | 45             | 152 | 75             | 85              | 59   | 21   | 5   | 4 | 5.5 | 88               | M6x10  | 15         | 5  | 17   |
| PHB-2.5 | 129                | 70             | 182 | 102            | 116             | 87   | 19.5 | 5   | 4 | 5.5 | 115              | M6x12  | 25         | 7  | 28   |
| PHB-5   | 157                | 85             | 219 | 128            | 133             | 95.5 | 26   | 6.5 | 5 | 5.5 | 140              | M6x15  | 32         | 10 | 35.5 |
| PHB-10  | 210                | 100            | 290 | 160            | 160             | 114  | 28.5 | 5   | 5 | 7.5 | 180              | M8x20  | 42         | 12 | 45.5 |
| PHB-20  | 244                | 120            | 335 | 190            | 188             | 130  | 38.5 | 5   | 5 | 11  | 220              | M10x20 | 55         | 15 | 60   |