

Art.-Nr.: 10.03.01.00987



ROB-SET ECBPMi FAIRINO

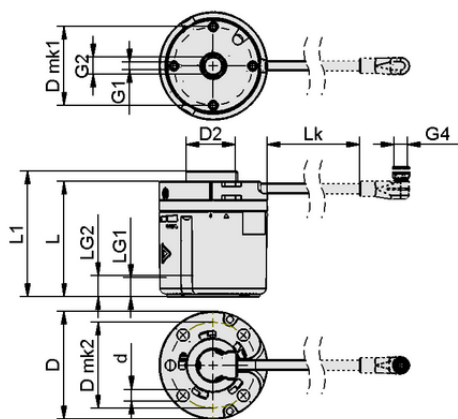
The robot set ECBPM is delivered unassembled. The delivery consists of:

- Electrical vacuum generator ECBPM
- Flange plate FLAN-PL
- Suction cup SFF / SPB1

Available accessories: electrical vacuum generator ECBPM, flange plate FLAN-PL, suction cup SFF / SPB1

## Technical data

| Attribute            | Value                              |
|----------------------|------------------------------------|
| Degree of evacuation | 60.0 %                             |
| Utilization design   | Electrical vacuum generator ECBPMi |
| contains             | Suction cup                        |
| Type                 | FR3-30                             |
| for                  | Fairino Europe                     |



Design data ROB-SET ECBPMi FAIRINO

## Design data

| Attribute            | Value     |
|----------------------|-----------|
| Length L1            | 73.40 mm  |
| Length L             | 67.40 mm  |
| Outside diameter D2  | 31.5 mm   |
| Outside diameter D   | 63.00 mm  |
| Thread G1            | M4-F      |
| Thread length LG1    | 6.0 mm    |
| Thread G2            | G1/4"-F   |
| Thread length LG2    | 11.5 mm   |
| Cable length         | 130.50 mm |
| Pitch diameter D mk1 | 46.0 mm   |
| Pitch diameter D mk2 | 50.0 mm   |
| Thread G4            | M12-M     |
| Thread G3            | M6-M      |



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**Technical data**

| Attribute             | Value                  |
|-----------------------|------------------------|
| Electrical connection | Elb fem conn M8, 8 pol |
| Protection type IP    | IP 40                  |
| Degree of evacuation  | 60.0 %                 |
| Weight                | 224.00 g               |
| Voltage DC            | 24 V - DC              |
| Suction rate (max.)   | 1.6 l/min              |
| Rated power           | 7.20 W                 |
| Operating temperature | 0 ... 40 °C            |
| Product family        | ROB-SET-ECBPM          |
| Rated current         | 0.3 A                  |
| for                   | Fairino Europe         |

**Further documentation**CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.03.01.00987](http://www.schmalz.com/10.03.01.00987)**Ordering Data Accessories 10.03.01.00987**

| Typ                     |                     | Item number    |
|-------------------------|---------------------|----------------|
| Lightweight Gripper     | SLG 102x57 FSGA 2   | 10.01.10.14043 |
| Lightweight Gripper     | SLG 102x102 FSGA 3  | 10.01.10.14042 |
| Lightweight Gripper     | SLG 102x75.3 FSGA 4 | 10.01.10.14041 |
| Flange extension VEE-FE | VEE-FE 25.4x81.5    | 10.01.36.00130 |
| Flange extension VEE-FE | VEE-FE 25.4x131.5   | 10.01.36.00109 |
| Flange extension VEE-FE | VEE-FE 25.4x181.5   | 10.01.36.00128 |

**Ordering Data Spare Parts 10.03.01.00987**

| Typ                          |                       | Item number    |
|------------------------------|-----------------------|----------------|
| CobotPump                    | ECBPMi 24V-DC FK      | 10.03.01.00500 |
| Bellows suction cups (round) | SPB1 30 ED-65 G1/4-AG | 10.01.06.04530 |
| Flat suction pad (round)     | SFF 20 SI-55 G1/4-AG  | 10.01.01.14621 |

