

motralec

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**MULTIGO IN-LINE**



**EBARA**

**Vertical Multistage Centrifugal Pump**  
**MULTIGO IN-LINE**



# MULTIGO IN-LINE

These vertical multistage centrifugal pumps are particularly silent running. The motor is cooled by the flow of water being handled, which flows over the motor casing. The liquid passes through an innerspace which encloses the whole pump, also dampening the vibrations caused by the hydraulic action. They are also fitted with a double mechanical seal with a chamber between them containing a lubricating liquid, assuring long life.

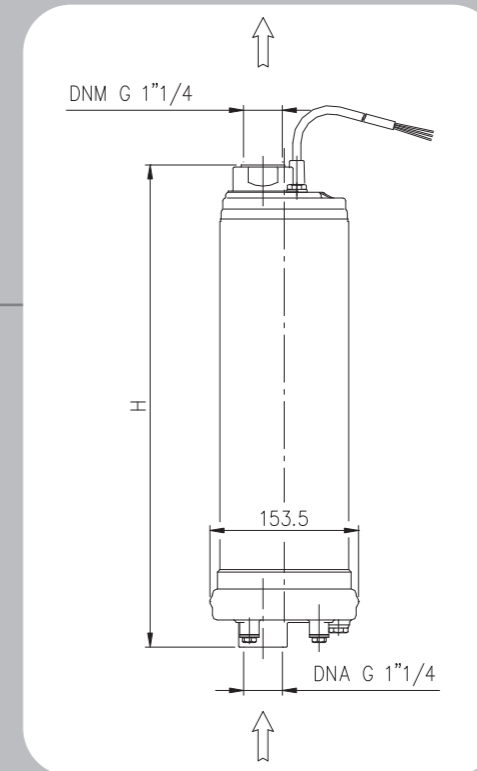
## MAIN FEATURES

- Designed with the most advanced and sophisticated engineering and industrial design systems
- Extremely quiet and reliable pumps
  - In-Line design suitable for a wide range of applications
  - Impeller and diffuser in technopolymer, pump casing and casing cover in AISI 304
  - Double mechanical seal lubricated on both sides
- “Applied” in EBARA’S CABINET BOOSTER, compact single-phase innovative booster set



## APPLICATIONS

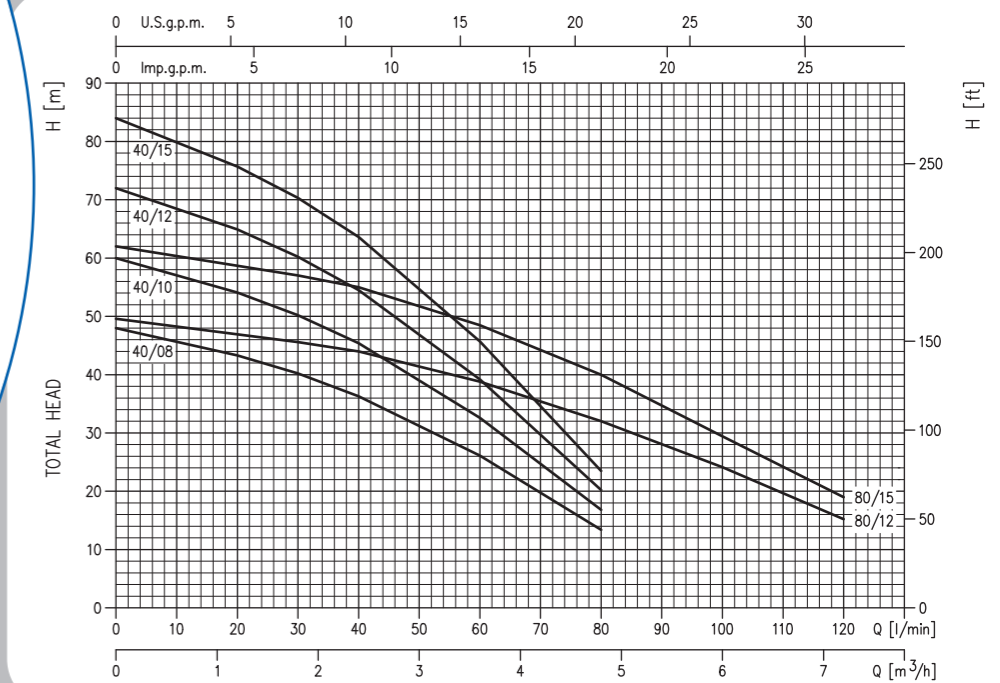
- Pressure boosting in domestic and community systems, where silent operation are required
- Handling of liquids in a reliable and silent way in places subject to flooding
  - Supplying fountains and dancing water features
  - Sprinkler irrigation of small vegetable patches and gardens



## DIMENSIONAL TABLE

| Model                   | H [mm] | Weight [kg] |
|-------------------------|--------|-------------|
| 1~                      | 1~     | 1~          |
| MULTIGO M 40/08 IN-LINE | 501    | 13,4        |
| MULTIGO M 40/10 IN-LINE | 527    | 14,4        |
| MULTIGO M 40/12 IN-LINE | 578    | 14,8        |
| MULTIGO M 40/15 IN-LINE | 604    | 16,4        |
| MULTIGO M 80/12 IN-LINE | 527    | 14,8        |
| MULTIGO M 80/15 IN-LINE | 552    | 16,1        |

## PERFORMANCE CURVES (according to ISO 9906 Annex A)



## PERFORMANCE TABLE

| Model                   | kW   | HP  | Capacitor |                | Abs. curr. [A] | Q=Capacity       |      |      |      |      |      |      |
|-------------------------|------|-----|-----------|----------------|----------------|------------------|------|------|------|------|------|------|
|                         |      |     | μF        | V <sub>c</sub> |                | H=Total Head [m] |      |      |      |      |      |      |
|                         |      |     |           |                |                | l/min            | 20   | 30   | 40   | 60   | 80   | 100  |
| MULTIGO M 40/08 IN-LINE | 0,6  | 0,8 | 16        | 450            | 4,3            | 43,3             | 40,2 | 36,3 | 26,1 | 13,4 | -    | -    |
| MULTIGO M 40/10 IN-LINE | 0,75 | 1   | 20        | 450            | 5,7            | 54,1             | 50,2 | 45,4 | 32,6 | 16,8 | -    | -    |
| MULTIGO M 40/12 IN-LINE | 0,9  | 1,2 | 20        | 450            | 6,8            | 64,9             | 60,2 | 54,5 | 39,2 | 20,2 | -    | -    |
| MULTIGO M 40/15 IN-LINE | 1,1  | 1,5 | 31,5      | 450            | 7,3            | 75,7             | 70,3 | 63,6 | 45,7 | 23,5 | -    | -    |
| MULTIGO M 80/12 IN-LINE | 0,9  | 1,2 | 20        | 450            | 6,4            | -                | 45,6 | 44   | 38,8 | 32   | 23,2 | 15,2 |
| MULTIGO M 80/15 IN-LINE | 1,1  | 1,5 | 31,5      | 450            | 7,5            | -                | 57   | 55   | 48,5 | 40   | 28   | 19   |



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