

## JETINOX

### STAINLESS STEEL SELF-PRIMING PUMPS

Self-priming, high intake capacity

The self-priming pumps in the JETINOX range combine the advantages and practical features of centrifugal pumps with the functionality of self-priming pumps, as well as quality performance. The Venturi pipe system on these pumps guarantees optimal hydraulic performance and impressive suction capacity, maintaining priming even in the presence of air or gas bubbles trapped in the water.

#### MOTOR

- Closed, ventilated from exterior.
- Protection rating IP 44.
- Insulation class F.
- Single phase power supply with permanently activated capacitor.
- Thermal cutout protection incorporated in motor winding.
- Rotation speed 2850 rpm.
- Continuous duty.

#### APPLICATIONS

- Lifting and distribution of water in domestic systems, with continuous or intermittent duty.
- Pressure booster systems.
- Washing, irrigation of vegetable gardens, supply to fountains, transfers.
- Lifting from wells or cisterns.

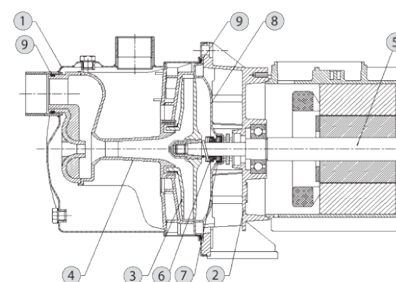
#### USAGE DATA

- Type of liquid: clean water without suspended solid bodies or abrasive material.
- Maximum liquid temperature: 50°C.
- Maximum recommended suction height: 8 m with foot valve.
- Maximum operating pressure: 6 bar.



## TABLE OF MATERIALS

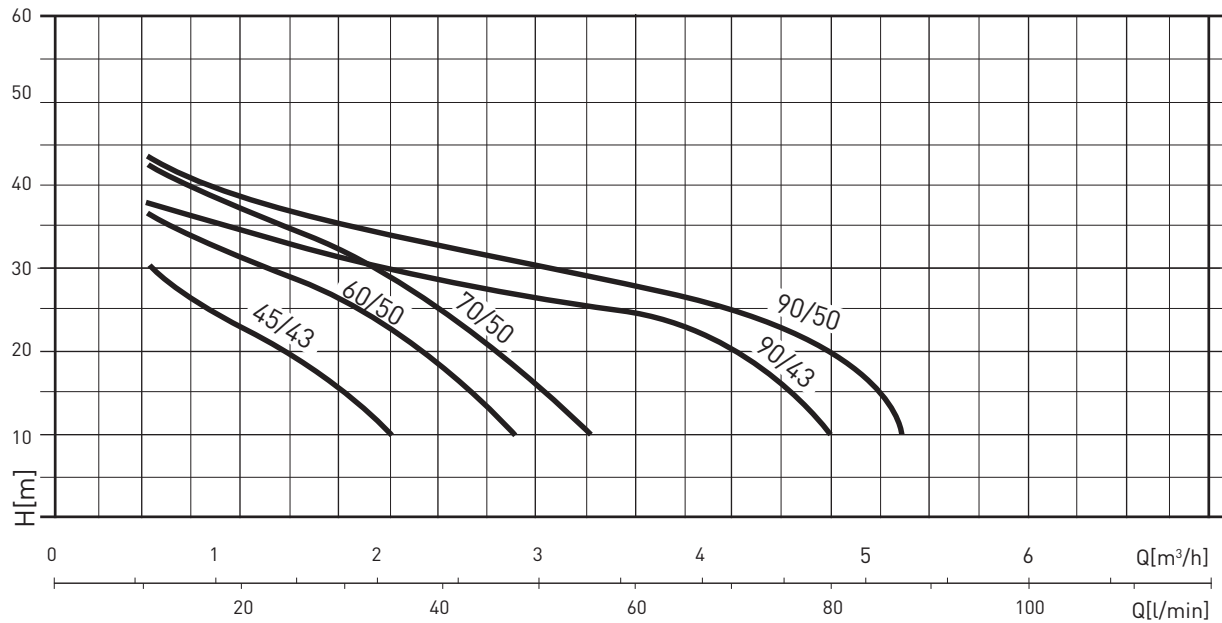
| Component |                                                | Material                                                                             |
|-----------|------------------------------------------------|--------------------------------------------------------------------------------------|
| 1         | Pump body                                      | Stainless steel X5 CrNi 1810 (AISI 304)                                              |
| 2         | Motor casing                                   | Die-cast aluminium                                                                   |
| 3         | Impeller                                       | Technopolymer with stainless steel shim ring                                         |
| 4         | Diffuser monobloc group<br>Venturi tube-nozzle | Technopolymer                                                                        |
| 5         | Shaft                                          | Stainless steel X 12 CrNiS 1809 (AISI 416)                                           |
| 6         | Mechanical seal                                | Graphite                                                                             |
| 7         | Counterface                                    | Ceramic                                                                              |
| 8         | Seal holder plate                              | Technopolymer (series 45-60-70)<br>Stainless steel X5 CrNi 1810 (AISI 304) series 90 |
| 9         | Gaskets                                        | NBR 70 Shore                                                                         |



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## STAINLESS STEEL SELF-PRIMING PUMPS

### HYDRAULIC PERFORMANCE



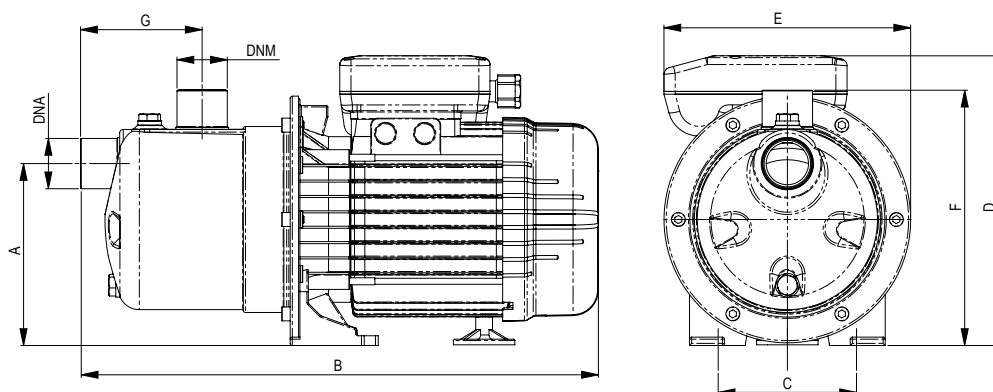
### PERFORMANCE TABLE

| MODEL            | Motor power (P2) |      | Motor power (P1) |     | VOLT. (V) | In (A) | μF   | Q      |       |      |      |     |     |      |    |     |     |     |
|------------------|------------------|------|------------------|-----|-----------|--------|------|--------|-------|------|------|-----|-----|------|----|-----|-----|-----|
|                  | HP               | kW   | HP               | kW  |           |        |      |        | l/min | 0    | 10   | 20  | 30  | 40   | 50 | 60  | 70  | 80  |
|                  |                  |      |                  |     |           |        |      |        | m³/h  | 0    | 0,6  | 1,2 | 1,8 | 2,4  | 3  | 3,6 | 4,2 | 4,8 |
| JETINOX 45/43 M  | 0,5              | 0,37 | 0,8              | 0,6 | 1~230     | 3      | 8    | m.c.w. | 43    | 30   | 23   | 16  | 1   |      |    |     |     |     |
| JETINOX 60/50 M  | 0,75             | 0,55 | 1,1              | 0,8 | 1~230     | 4      | 12,5 |        | 46    | 36   | 31   | 26  | 18  | 6    |    |     |     |     |
| JETINOX 70/50 M  | 0,95             | 0,7  | 1,36             | 1,0 | 1~230     | 4,5    | 16   |        | 48    | 42,5 | 37,5 | 32  | 25  | 16,5 | 7  |     |     |     |
| JETINOX 90/43 M  | 1,0              | 0,75 | 1,8              | 1,3 | 1~230     | 6,5    | 20   |        | 43    | 38   | 34   | 32  | 29  | 27   | 25 | 21  | 10  |     |
| JETINOX 90/50 M  | 1,2              | 0,9  | 2                | 1,5 | 1~230     | 7      | 25   |        | 50    | 42   | 39   | 37  | 33  | 30   | 27 | 25  | 20  |     |
| JETINOX 60/50 C* | 0,75             | 0,55 | 1,10             | 0,8 | 1~230     | 4      | 12,5 |        | 46    | 36   | 31   | 26  | 18  | 6    |    |     |     |     |
| JETINOX 70/50 C* | 0,95             | 0,7  | 1,36             | 1,0 | 1~230     | 4,5    | 16   |        | 48    | 42,5 | 37,5 | 32  | 25  | 16,5 | 7  |     |     |     |
| JETINOX 90/43 C* | 1,0              | 0,75 | 1,80             | 1,3 | 1~230     | 6,5    | 20   |        | 43    | 38   | 34   | 32  | 29  | 27   | 25 | 21  | 10  |     |
| JETINOX 90/50 C* | 1,2              | 0,9  | 2                | 1,5 | 1~230     | 7      | 25   |        | 50    | 42   | 39   | 37  | 33  | 30   | 27 | 25  | 20  |     |

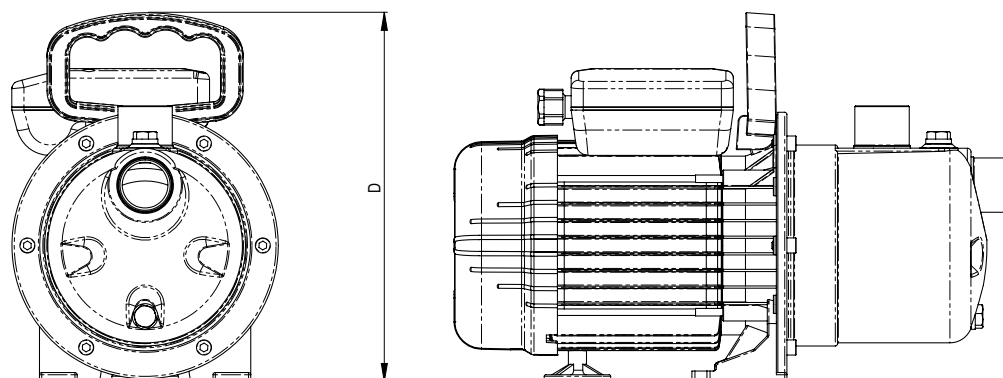
# JETINOX

## STAINLESS STEEL SELF-PRIMING PUMPS

### OVERALL DIMENSIONS AND WEIGHTS



VERSION C



**LENNTECH**  
WATER TREATMENT SOLUTIONS

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### OVERALL DIMENSIONS AND WEIGHTS

| MODEL            | Dimensions mm. |     |     |     |     |     |    |          |      | WEIGHT (Kg) |
|------------------|----------------|-----|-----|-----|-----|-----|----|----------|------|-------------|
|                  | A              | B   | C   | D   | E   | F   | G  | DNA      | DNM  |             |
| JETINOX 45/43    | 130            | 352 | 100 | 199 | 177 | 185 | 87 | 1" F     | 1" F | 4,7         |
| JETINOX 60/50    | 130            | 370 | 100 | 207 | 177 | 185 | 87 | 1" F     | 1" F | 8,2         |
| JETINOX 60/50 C* | 130            | 370 | 100 | 245 | 177 | 185 | 87 | 1" F     | 1" F | 8,2         |
| JETINOX 70/50    | 143            | 351 | 100 | 207 | 177 | 200 | 76 | 1" F     | 1" F | 9,5         |
| JETINOX 70/50 C* | 143            | 351 | 100 | 245 | 177 | 200 | 76 | 1" F     | 1" F | 9,5         |
| JETINOX 90/43    | 158            | 395 | 141 | 207 | 205 | 214 | 98 | 1" 1/4 M | 1" F | 11          |
| JETINOX 90/43 C* | 158            | 395 | 141 | 275 | 205 | 214 | 98 | 1" 1/4 M | 1" F | 11          |
| JETINOX 90/50    | 158            | 425 | 141 | 230 | 218 | 214 | 98 | 1" 1/4 M | 1" F | 13          |
| JETINOX 90/50 C* | 158            | 425 | 141 | 275 | 218 | 214 | 98 | 1" 1/4 M | 1" F | 13          |