

|            |            |
|------------|------------|
| Serie Type | Serie Type |
| <b>VA</b>  | <b>INV</b> |

## Pompe con variatore o inverter Pumps with mechanical speed variator or frequency converter



Pompe con variatore (VA)  
Pumps with mech. speed variator (VA)



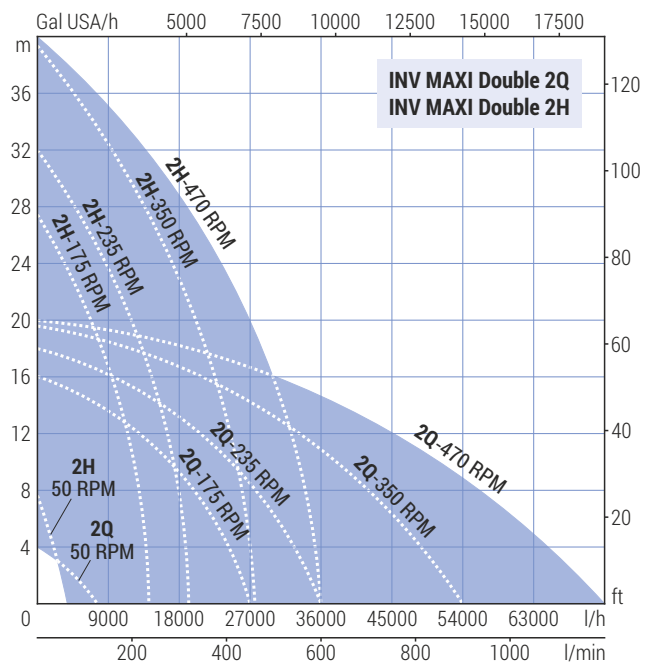
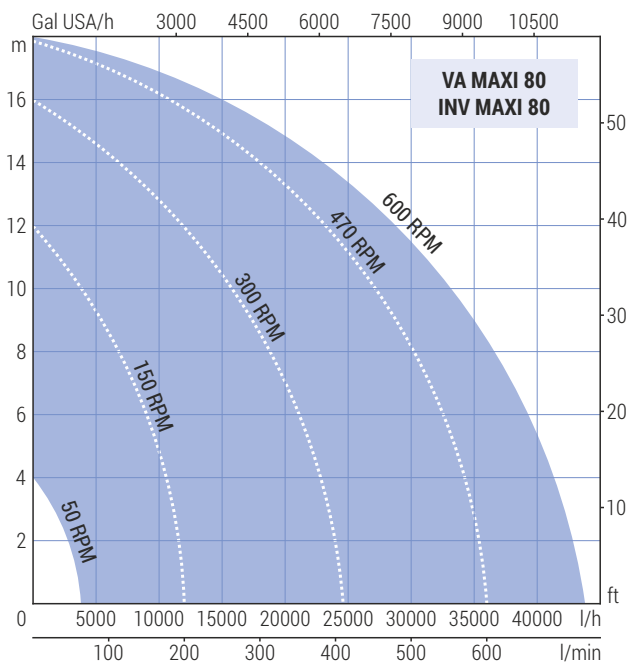
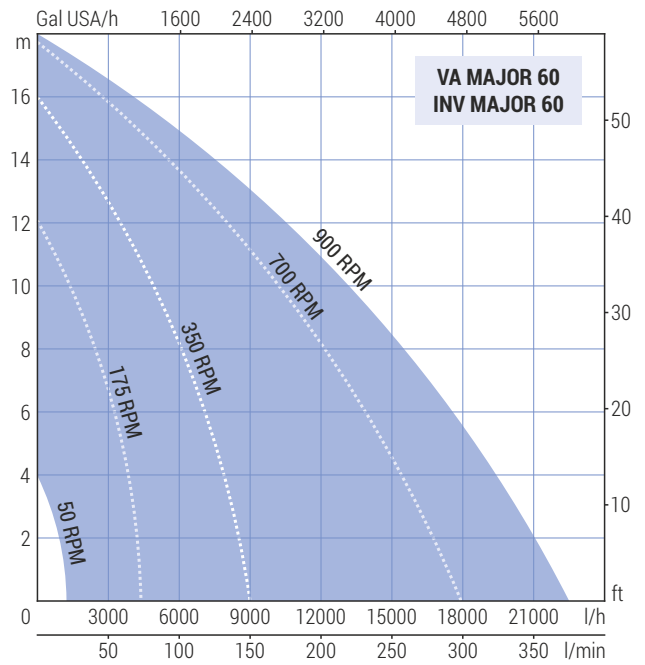
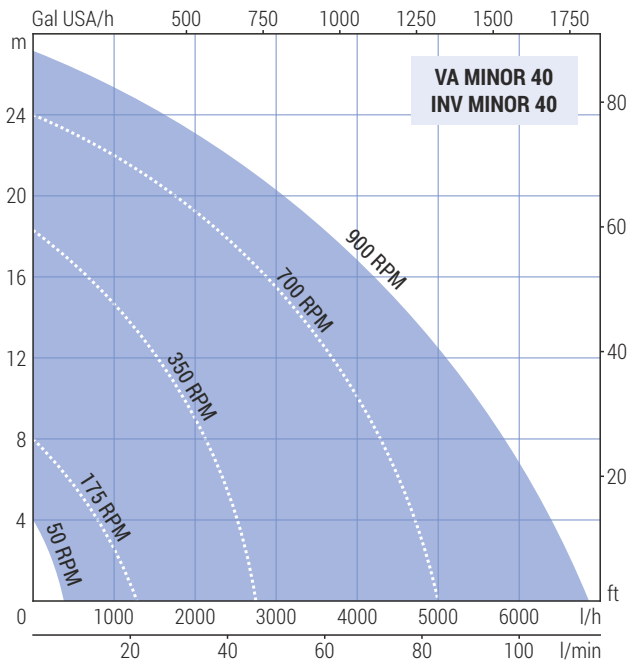
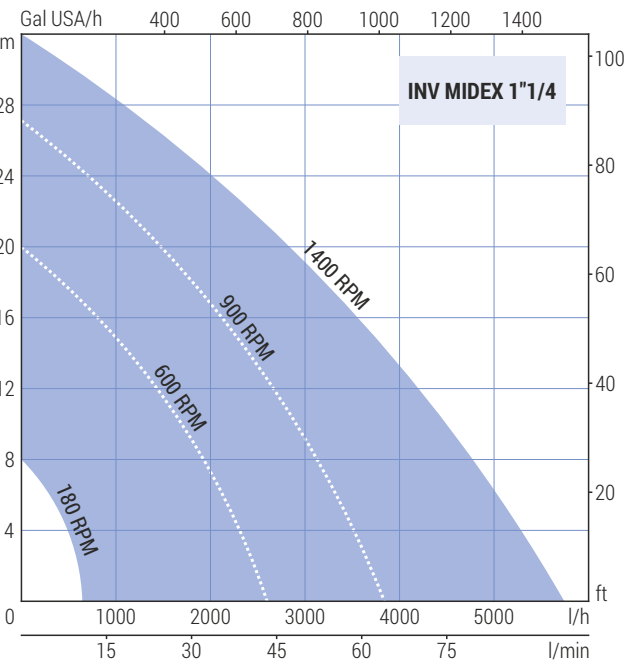
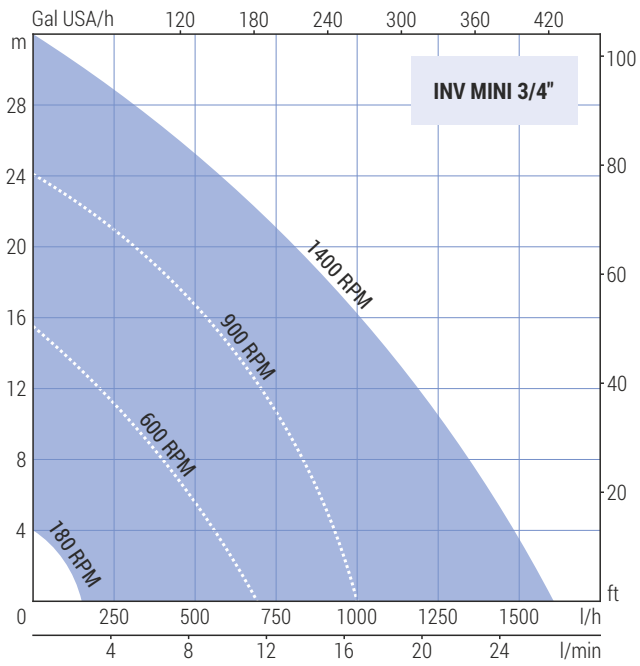
Pompe con inverter (INV)  
Pumps with frequency converter (INV)

| Tipo<br>Type          | Alimentazione *<br>Feeding * |                    | kW      | Giri/min<br>RPM | H = Prevalenza (metri) / Head (meters) |       |       |       |       |       |       |       |       |   |  |
|-----------------------|------------------------------|--------------------|---------|-----------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---|--|
|                       | 0                            | 4                  |         |                 | 8                                      | 12    | 16    | 18    | 20    | 24    | 27    | 32    | 40    |   |  |
| VA<br>MINOR 40        | TF<br>230-400V<br>50Hz       | 1.5                | min 175 | 1320            | 800                                    | 0     |       |       |       |       |       |       |       |   |  |
|                       |                              |                    | 350     | 2750            | 2500                                   | 2100  | 1600  | 800   | 0     |       |       |       |       |   |  |
|                       |                              |                    | 700     | 5000            | 4700                                   | 4300  | 3700  | 3000  | 2520  | 1800  | 0     |       |       |   |  |
|                       |                              |                    | max 900 | 6900            | 6200                                   | 5760  | 5040  | 4200  | 3660  | 3200  | 1800  | 0     |       |   |  |
| VA<br>MAJOR 60        | TF<br>230-400V<br>50Hz       | 1.87               | min 175 | 4320            | 3840                                   | 2800  | 0     |       |       |       |       |       |       |   |  |
|                       |                              |                    | 350     | 9000            | 7800                                   | 6000  | 3700  | 0     |       |       |       |       |       |   |  |
|                       |                              |                    | 700     | 18000           | 15000                                  | 12000 | 8400  | 2500  | 0     |       |       |       |       |   |  |
|                       |                              |                    | max 900 | 22500           | 19560                                  | 15000 | 11220 | 3000  | 0     |       |       |       |       |   |  |
| VA<br>MAXI 80         | TF<br>230-400V<br>50Hz       | 4                  | min 150 | 12000           | 10000                                  | 7500  | 0     |       |       |       |       |       |       |   |  |
|                       |                              |                    | 300     | 24600           | 22200                                  | 18900 | 12000 | 0     |       |       |       |       |       |   |  |
|                       |                              |                    | 470     | 36000           | 34200                                  | 30000 | 24000 | 12000 | 0     |       |       |       |       |   |  |
|                       |                              |                    | max 600 | 43800           | 41400                                  | 36000 | 30000 | 16000 | 0     |       |       |       |       |   |  |
| INV<br>MINI 3/4"      | MF<br>230V<br>50Hz           | TF<br>400V<br>50Hz | 0.56    | min 180         | 150                                    | 0     |       |       |       |       |       |       |       |   |  |
|                       | 600                          | 700                |         | 560             | 390                                    | 150   | 0     |       |       |       |       |       |       |   |  |
|                       | 900                          | 1000               |         | 900             | 840                                    | 720   | 540   | 450   | 350   | 0     |       |       |       |   |  |
|                       | max 1400                     | 1620               |         | 1440            | 1320                                   | 1140  | 1020  | 900   | 800   | 600   | 400   | 0     |       |   |  |
| INV<br>MIDEX 1"1/4    | MF<br>230V<br>50Hz           | TF<br>400V<br>50Hz | 0.75    | min 180         | 600                                    | 480   | 0     |       |       |       |       |       |       |   |  |
|                       | 600                          | 2600               |         | 2300            | 2000                                   | 1400  | 800   | 400   | 0     |       |       |       |       |   |  |
|                       | 900                          | 3840               |         | 3480            | 3180                                   | 2760  | 2160  | 1800  | 1600  | 720   | 0     |       |       |   |  |
|                       | max 1400                     | 5760               |         | 5160            | 4800                                   | 4320  | 3600  | 3180  | 2800  | 1920  | 1200  | 0     |       |   |  |
| INV<br>MINOR 40       | MF<br>230V<br>50Hz           | TF<br>400V<br>50Hz | 1.87    | min 50          | 380                                    | 0     |       |       |       |       |       |       |       |   |  |
|                       | 175                          | 1320               |         | 800             | 0                                      |       |       |       |       |       |       |       |       |   |  |
|                       | 350                          | 2750               |         | 2500            | 2100                                   | 1600  | 800   | 0     |       |       |       |       |       |   |  |
|                       | 700                          | 5000               |         | 4700            | 4300                                   | 3700  | 3000  | 2520  | 1800  | 0     |       |       |       |   |  |
| INV<br>MAJOR 60       | MF<br>230V<br>50Hz           | TF<br>400V<br>50Hz | 2.2     | max 900         | 6900                                   | 6200  | 5760  | 5040  | 4200  | 3660  | 3200  | 1800  | 0     |   |  |
|                       | min 50                       | 1230               |         | 0               |                                        |       |       |       |       |       |       |       |       |   |  |
|                       | 175                          | 4320               |         | 3840            | 2800                                   | 0     |       |       |       |       |       |       |       |   |  |
|                       | 350                          | 9000               |         | 7800            | 6000                                   | 3700  | 0     |       |       |       |       |       |       |   |  |
| INV<br>MAXI 80        | TF<br>400V<br>50Hz           | 4                  | 700     | 18000           | 15000                                  | 12000 | 8400  | 2500  | 0     |       |       |       |       |   |  |
|                       |                              |                    | max 900 | 22500           | 19560                                  | 15000 | 11220 | 3000  | 0     |       |       |       |       |   |  |
|                       |                              |                    | min 50  | 3800            | 0                                      |       |       |       |       |       |       |       |       |   |  |
|                       |                              |                    | 150     | 12000           | 10000                                  | 7500  | 0     |       |       |       |       |       |       |   |  |
| INV MAXI<br>Double 2Q | TF<br>400V<br>50Hz           | 5.5                | 300     | 24600           | 22200                                  | 18900 | 12000 | 0     |       |       |       |       |       |   |  |
|                       |                              |                    | 470     | 36000           | 34200                                  | 30000 | 24000 | 12000 | 0     |       |       |       |       |   |  |
|                       |                              |                    | max 600 | 43800           | 41400                                  | 36000 | 30000 | 16000 | 0     |       |       |       |       |   |  |
|                       |                              |                    | min 50  | 7600            | 0                                      |       |       |       |       |       |       |       |       |   |  |
| INV MAXI<br>Double 2H | TF<br>400V<br>50Hz           | 5.5                | 175     | 27000           | 24000                                  | 20000 | 13000 | 0     |       |       |       |       |       |   |  |
|                       |                              |                    | 235     | 36000           | 33000                                  | 27500 | 20500 | 10000 | 0     |       |       |       |       |   |  |
|                       |                              |                    | 350     | 54000           | 48500                                  | 41500 | 33000 | 22000 | 14000 | 0     |       |       |       |   |  |
|                       |                              |                    | max 470 | 72000           | 65000                                  | 56000 | 45000 | 30000 | 20000 | 0     |       |       |       |   |  |
| INV MAXI<br>Double 2H | TF<br>400V<br>50Hz           | 5.5                | min 50  | 3800            | 2000                                   | 0     |       |       |       |       |       |       |       |   |  |
|                       |                              |                    | 175     | 14100           | 13500                                  | 12600 | 11400 | 9700  | 8600  | 7400  | 4500  | 0     |       |   |  |
|                       |                              |                    | 235     | 19200           | 18500                                  | 17500 | 16200 | 14300 | 13200 | 12000 | 9000  | 5900  | 0     |   |  |
|                       |                              |                    | 350     | 27600           | 26700                                  | 25500 | 24000 | 22200 | 21000 | 20000 | 17200 | 14800 | 9700  | 0 |  |
| INV MAXI<br>Double 2H | TF<br>400V<br>50Hz           | 5.5                | max 470 | 36000           | 35000                                  | 33600 | 32000 | 29700 | 28400 | 27000 | 23600 | 20600 | 14300 | 0 |  |

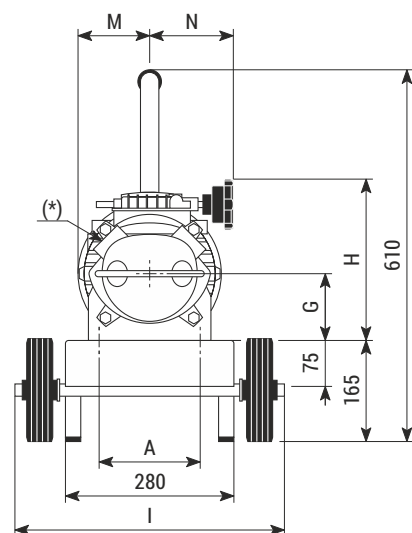
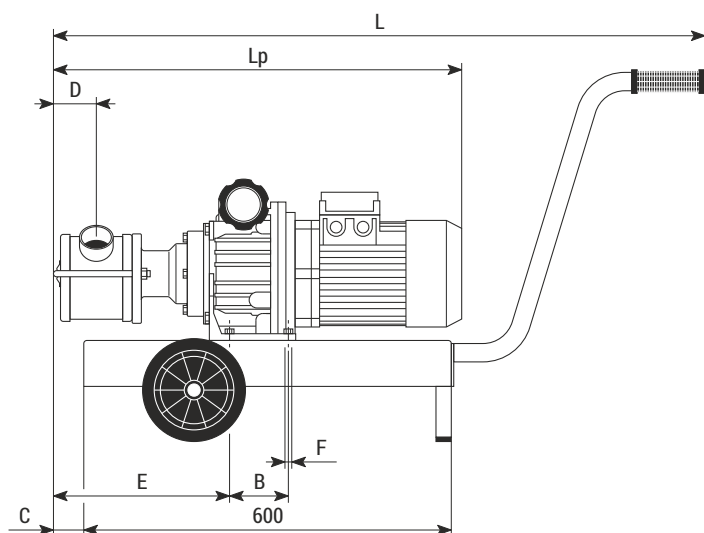
Q = Portata (litri/ora) / Capacity (liters/hour)

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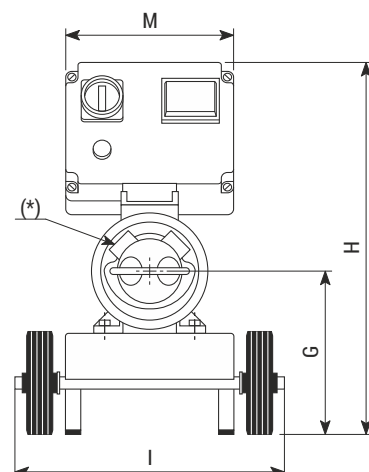
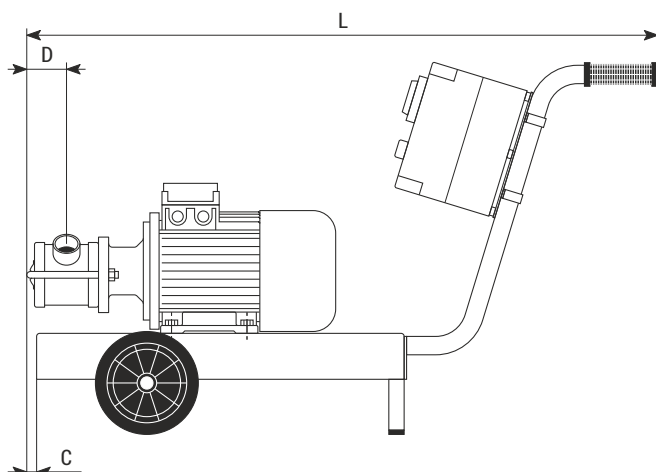
\* MF = monofase / single-phase - TF = trifase / three-phase



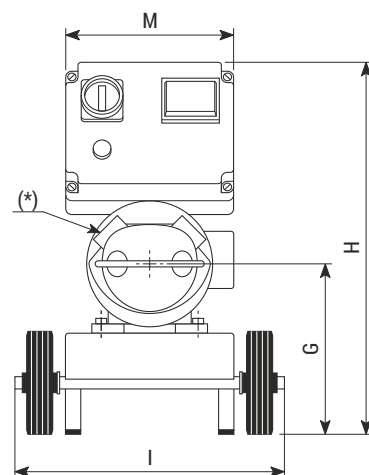
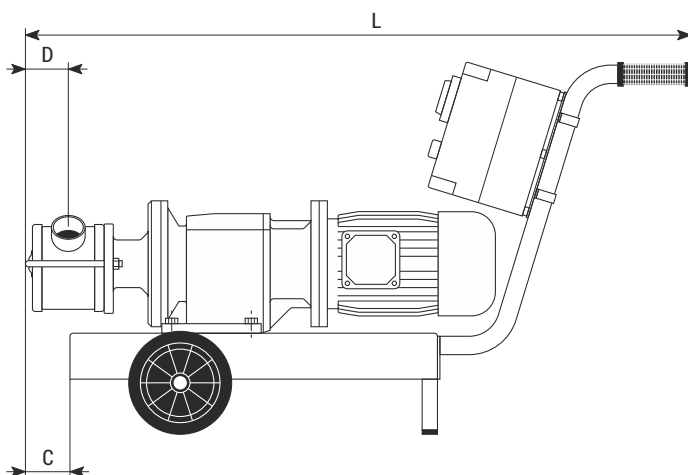
VA MINOR 40  
VA MAJOR 60  
VA MAXI 80



INV MINI 3/4"  
INV MIDEX 1"1/4



INV MINOR 40  
INV MAJOR 60  
INV MAXI 80



| Tipo<br>Type    | Peso<br>Weight | Dimensioni (mm) / Dimensions (mm) |     |     |    |     |     |     |     |     |      |     |     |       |
|-----------------|----------------|-----------------------------------|-----|-----|----|-----|-----|-----|-----|-----|------|-----|-----|-------|
|                 |                | A                                 | B   | C   | D  | E   | F   | G   | H   | I   | L    | Lp  | M   | N     |
| VA MINOR 40     | 63 kg          | 164                               | 96  | 20  | 60 | 260 | Ø11 | 109 | 264 | 405 | 1030 | 640 | 117 | 137   |
| VA MAJOR 60     | 67 kg          | 164                               | 96  | 55  | 70 | 295 | Ø11 | 109 | 264 | 405 | 1065 | 675 | 117 | 137   |
| VA MAXI 80      | 109 kg         | 200                               | 120 | 115 | 90 | 305 | M12 | 132 | 337 | 405 | 1125 | 770 | 136 | 172.5 |
| INV MINI 3/4"   | 17 kg          | -                                 | -   | -   | 26 | -   | -   | 175 | 550 | 331 | 790  | -   | 285 | -     |
| INV MIDEX 1"1/4 | 23 kg          | -                                 | -   | 15  | 38 | -   | -   | 175 | 550 | 331 | 805  | -   | 285 | -     |
| INV MINOR 40    | 45 kg          | -                                 | -   | 70  | 60 | -   | -   | 268 | 610 | 405 | 1050 | -   | 285 | -     |
| INV MAJOR 60    | 55 kg          | -                                 | -   | 135 | 70 | -   | -   | 275 | 610 | 405 | 1145 | -   | 285 | -     |
| INV MAXI 80     | 95 kg          | -                                 | -   | 160 | 90 | -   | -   | 295 | 610 | 405 | 1200 | -   | 285 | -     |
| INV MAXI Double | 185÷200 kg     | Dimensioni p.11 / Dimensions p.11 |     |     |    |     |     |     |     |     |      |     |     |       |

\* raccordi disponibili p.21 / available pipe fittings p.21