



## APPLICAZIONI

Elettropompe centrifughe, monoblocco e monogirante con corpo pompa, collegato al motore mediante supporto. Con bocche di aspirazione e di mandata flangiante (PN 10) e controflange del tipo filettato. Queste macchine sono adatte per il pompaggio di acqua pulita e di altri liquidi chimicamente e meccanicamente non aggressivi; la possibilità di installazione in qualunque posizione, fatta eccezione di quella che comporta la bocca aspirante rivolta verso l'alto. Adatta per le più svariate esigenze in campo civile, agricolo, industriale o impiantistico in generale. Approvvigionamenti d'acqua, irrigazioni a pioggia o a scorrimento, alimentazioni autoclavi e sopraelevazioni di pressione, riscaldamento e condizionamento, qualsiasi altro impiego che comporta il travaso di liquidi puliti in genere.

## APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz  $P_2 \leq 7,5$  kW
- Trifase 400/690V-50Hz  $P_2 > 7,5$  kW
- Motore elettrico ad induzione a 2 poli ( $n = 2850$  min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa Ghisa
- Supporto motore Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Ceramica/Grafite/NBR

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz  $P_2 \leq 7,5$  kW
- Three-phase 400/690V-50Hz  $P_2 > 7,5$  kW
- Two-Pole induction motor ( $n = 2850$  min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

## MATERIALS

- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR

| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 6    | 7,5  | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   |
|                                                                     |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                  | 100  | 125  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |     |                                        |                          |                        |                        |      |      |      |      |      |      |      |      |      |      |      |      |
| CSM 32-160 C                                                        | CS 32-160 C            | 2                                       | 1,5 | 2,7                                    | 12                       | 4,8                    | H<br>(m)               | 25,5 | 25,3 | 25   | 24   | 23   | 21,5 | 20   | 18   | 15,5 |      |      |      |
| CSM 32-160 B                                                        | CS 32-160 B            | 3                                       | 2,2 | 3,3                                    | 15                       | 5                      |                        | 28,8 | 28,5 | 28   | 27   | 26   | 24,5 | 23   | 21,5 | 18,5 | 15,5 |      |      |
|                                                                     | CS 32-160 A            | 4                                       | 3   | 4,3                                    |                          | 7                      |                        | 36,5 | 36   | 35,5 | 34,5 | 33   | 31,5 | 30   | 28,5 | 26   | 23,5 |      |      |
| CSM 32-200 C                                                        | CS 32-200 C            | 5,5                                     | 4   | 5,7                                    | 27                       | 8,8                    |                        | 40,7 | 40,5 | 40   | 39,5 | 39   | 38   | 36,5 | 35   | 33   | 31,5 | 29   | 26   |
|                                                                     | CS 32-200 B            | 7,5                                     | 5,5 | 8,6                                    |                          | 14                     |                        | 55,7 | 55,5 | 55   | 54,5 | 54   | 53   | 51,5 | 50   | 48   | 46,5 | 44,5 | 42,5 |
|                                                                     | CS 32-200 A            | 10                                      | 7,5 | 9,5                                    |                          | 15                     |                        | 60,7 | 60,5 | 60   | 59,5 | 58,5 | 57   | 55,5 | 54   | 52   | 49,5 | 47,5 | 45   |
|                                                                     | CS 32-250 C            | 12,5                                    | 9,2 | 12                                     |                          | 19                     |                        |      | 70   | 69,5 | 68,5 | 67,5 | 66   | 64,5 | 62,5 | 59,5 | 56   | 51   | 46   |
|                                                                     | CS 32-250 B            | 15                                      | 11  | 13,5                                   |                          | 21,5                   |                        |      | 81   | 80,5 | 79,5 | 78,5 | 77   | 75,5 | 73,5 | 71   | 67,5 | 63,5 | 58   |
|                                                                     | CS 32-250 A            | 20                                      | 15  | 15,5                                   |                          | 25                     |                        |      | 90,5 | 90   | 89,5 | 89   | 87,5 | 86   | 84   | 81,5 | 78   | 74   | 68,5 |

## MONOBLOCK CENTRIFUGAL PUMPS



| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   |
|                                                                     |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |     |                                        |                          |                        |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CSM 40-160 B                                                        | CS 40-160 B            | 4                                       | 3   | 4,8                                    | 22                       | 7,5                    | H<br>(m)               | 32,7 | 32,5 | 32,3 | 32   | 31,5 | 30,5 | 29,5 | 28   | 27   | 25,5 | 23   | 21   |      |      |
| CSM 40-160 A                                                        | CS 40-160 A            | 5,5                                     | 4   | 5,7                                    | 28                       | 8,8                    |                        | 36,2 | 36   | 35,8 | 35,5 | 35   | 34   | 33   | 32   | 31   | 29,5 | 28   | 26   | 22   |      |
|                                                                     | CS 40-200 B            | 7,5                                     | 5,5 | 8,6                                    |                          | 14                     |                        | 46,5 | 46   | 45,5 | 45   | 44,5 | 43,5 | 42,5 | 41,5 | 40,5 | 39,5 | 38,5 | 37   | 34,5 | 31,5 |
|                                                                     | CS 40-200 A            | 10                                      | 7,5 | 11,3                                   |                          | 17,5                   |                        | 56   | 55,5 | 55   | 54,5 | 54   | 53   | 52   | 51   | 50   | 49   | 48   | 46,5 | 44   | 40,5 |
|                                                                     | CS 40-250 B            | 15                                      | 11  | 15,5                                   |                          | 24,5                   |                        | 74   | 73,9 | 73,8 | 73,7 | 73,5 | 73   | 72   | 71   | 70   | 68,5 | 67   | 65,5 | 61,5 | 54   |
|                                                                     | CS 40-250 A            | 20                                      | 15  | 20                                     |                          | 32                     |                        | 91,5 | 91,4 | 91,3 | 91,2 | 91   | 90,5 | 90   | 89   | 88   | 87   | 85,5 | 83,5 | 79,5 | 73   |

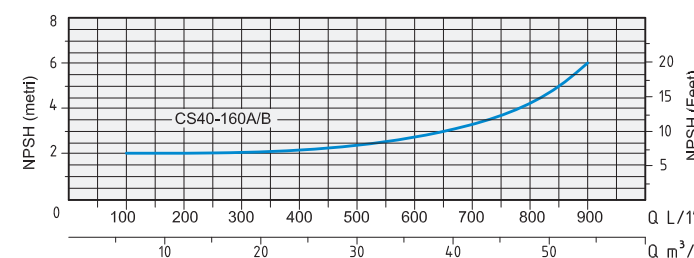
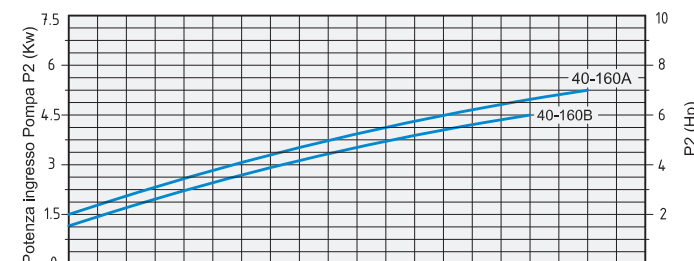
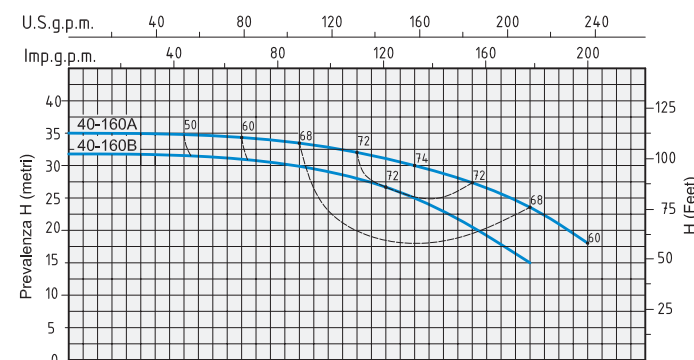
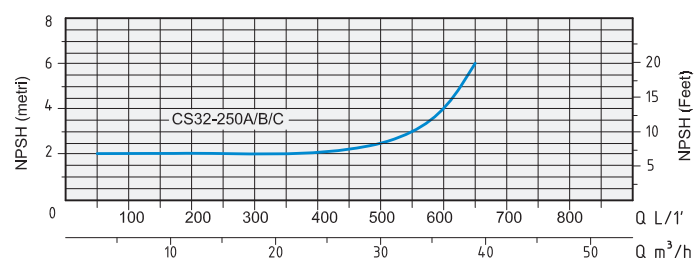
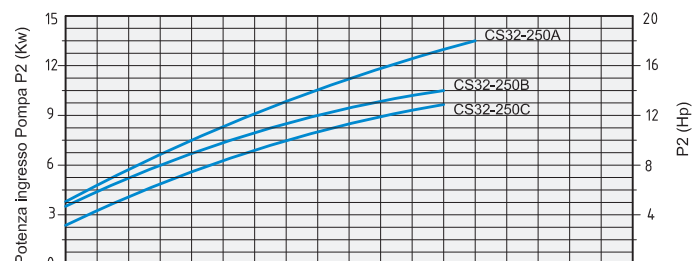
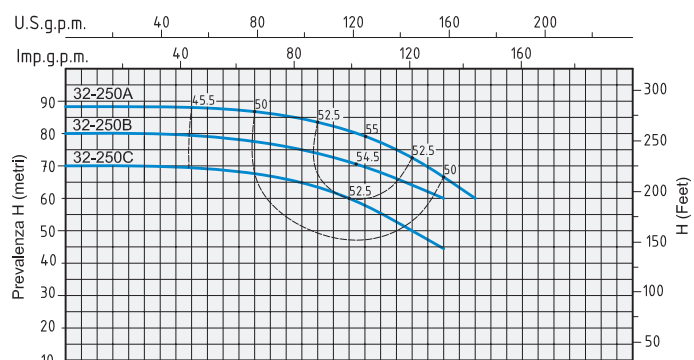
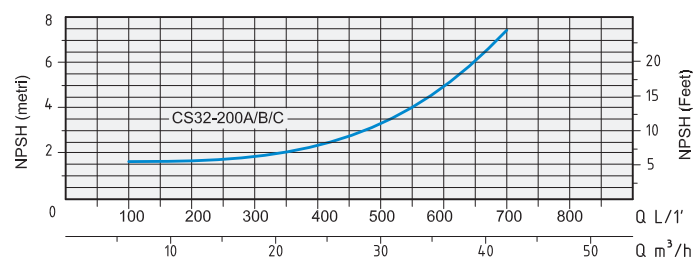
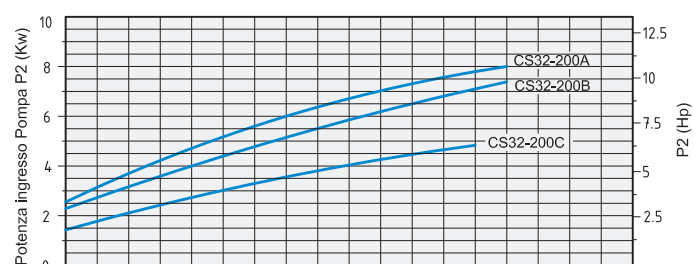
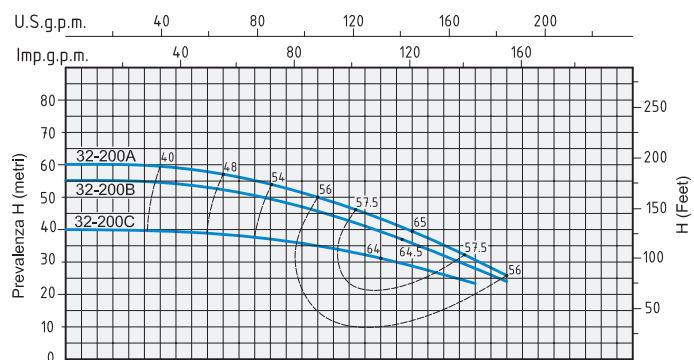
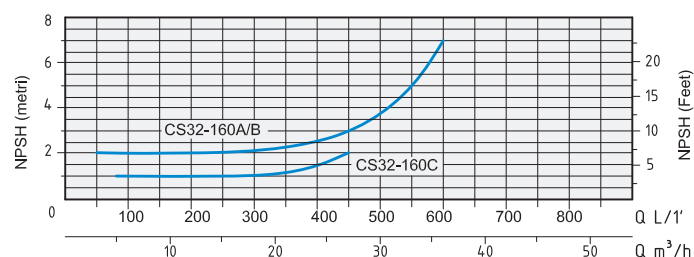
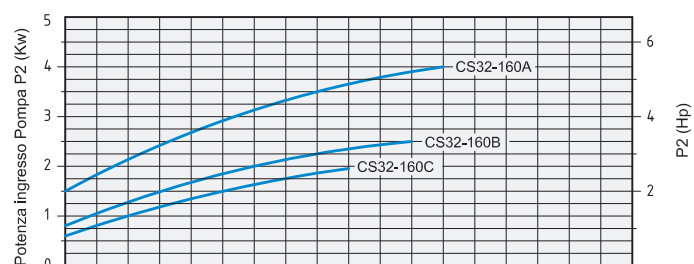
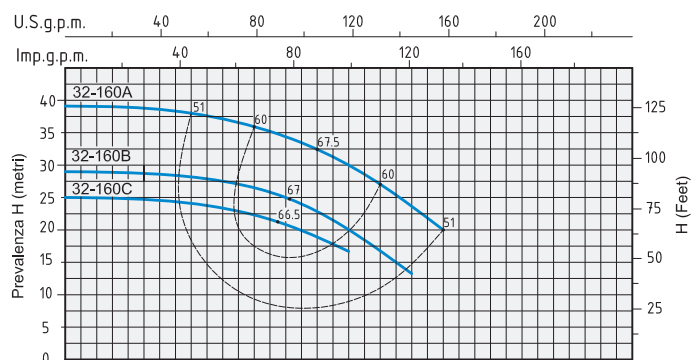
| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   | 60   | 66   | 72   | 78   |
|                                                                     |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CSM 50-160 D                                                        | CS 50-160 D            | 4                                       | 3    | 4,8                                    | 22                       | 7,5                    | H<br>(m)               | 25   | 24,5 | 24   | 23,5 | 22,8 | 22   | 21,3 | 20,5 | 19   | 17   | 15   | 13   | 10   |      |
| CSM 50-160 C                                                        | CS 50-160 C            | 5,5                                     | 4    | 5,7                                    | 27                       | 8,8                    |                        | 29,5 | 29,2 | 28,8 | 28,3 | 27,8 | 27,1 | 26,4 | 25,6 | 24   | 22,5 | 20,5 | 18   | 15,5 |      |
|                                                                     | CS 50-160 B            | 7,5                                     | 5,5  | 8,2                                    |                          | 13,2                   |                        | 37   | 36,8 | 36,5 | 36   | 35,5 | 35   | 34,5 | 34   | 32   | 30,5 | 28,5 | 26   | 23,5 | 20,5 |
|                                                                     | CS 50-160 A            | 10                                      | 7,5  | 9,5                                    |                          | 15                     |                        | 40   | 39,8 | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 35   | 33,5 | 31,5 | 29   | 26,5 | 23   |
|                                                                     | CS 50-200 C            | 12,5                                    | 9,2  | 12                                     |                          | 19                     |                        |      | 48,7 | 48,5 | 48,2 | 47,8 | 47,5 | 47   | 46,5 | 45   | 43,5 | 42   | 39,5 | 37   | 33   |
|                                                                     | CS 50-200 B            | 15                                      | 11   | 13,5                                   |                          | 21,5                   |                        |      | 52,7 | 52,5 | 52,2 | 51,7 | 51,2 | 50,7 | 50,2 | 49,2 | 48   | 46   | 43,5 | 41   | 38   |
|                                                                     | CS 50-200 A            | 20                                      | 15   | 18                                     |                          | 29                     |                        |      | 64,5 | 64   | 63,5 | 63   | 62,5 | 62   | 61,5 | 60,5 | 59,5 | 58   | 56,5 | 54,5 | 51,5 |
|                                                                     | CS 50-250 C            | 20                                      | 15   | 20                                     |                          | 32                     |                        |      |      | 71,3 | 71   | 70,5 | 70   | 69,5 | 68,5 | 67   | 65   | 63   | 61   | 58   | 54   |
|                                                                     | CS 50-250 B            | 25                                      | 18,5 | 23                                     |                          | 36,5                   |                        |      |      | 80,8 | 80,5 | 80   | 79,5 | 79   | 78,5 | 77   | 75   | 73   | 70,5 | 68   | 65   |
|                                                                     | CS 50-250 A            | 30                                      | 22,5 | 27                                     |                          | 43                     |                        |      |      | 90   | 89,7 | 89,3 | 89   | 88,5 | 88   | 86,5 | 85   | 83   | 81   | 79   | 71   |

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL POWER                                |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA - CAPACITY |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|------------------------|---------------------------------------------------------------------|------|----------------------------------------|------------------------|------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                        | P2                                                                  |      | P1                                     |                        | Trifase<br>Three-phase | m³/h  | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  |  |
| Trifase<br>Three-phase | HP                                                                  | kW   | kW                                     | Trifase<br>Three-phase |                        | lt/1' | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 |  |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                        |                        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| CS 65-160 E            | 7,5                                                                 | 5,5  | 8                                      | 13                     | H<br>(m)               | 24,5  | 24,2 | 24   | 23,5 | 23   | 22,5 | 21,5 | 20,5 | 18,5 | 16   | 12,5 |      |      |      |      |  |
| CS 65-160 D            | 10                                                                  | 7,5  | 10                                     | 16                     |                        | 28,5  | 28,2 | 28   | 27,5 | 27   | 26,5 | 25,8 | 25   | 23   | 21   | 18   | 14   |      |      |      |  |
| CS 65-160 C            | 12,5                                                                | 9,2  | 11,5                                   | 18,5                   |                        | 32    | 31,7 | 31,5 | 31,2 | 30,7 | 30,2 | 29,7 | 29   | 27   | 25   | 22   | 19   | 16   |      |      |  |
| CS 65-160 B            | 15                                                                  | 11   | 13,5                                   | 21,5                   |                        | 35,5  | 35   | 34,8 | 34,5 | 34   | 33,5 | 33   | 32,5 | 31   | 29   | 26,5 | 24   | 20   |      |      |  |
| CS 65-160 A            | 20                                                                  | 15   | 16                                     | 26                     |                        | 40    | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 36,5 | 35,5 | 33,5 | 31   | 28,5 | 26   |      |      |  |
| CS 65-200 C            | 20                                                                  | 15   | 20                                     | 32                     |                        |       | 48,5 | 48   | 47,5 | 47   | 46,2 | 45,5 | 44,5 | 42,5 | 40,5 | 38   | 34,5 | 31   |      |      |  |
| CS 65-200 B            | 25                                                                  | 18,5 | 23                                     | 36,5                   |                        |       | 52,5 | 52   | 51,5 | 51   | 50,5 | 50   | 49   | 47   | 45   | 43   | 40   | 36   |      |      |  |
| CS 65-200 A            | 30                                                                  | 22,5 | 27                                     | 43                     |                        |       | 60,5 | 60   | 59,5 | 59   | 58,5 | 58   | 57,5 | 56   | 54,5 | 52,5 | 49,5 | 45,5 |      |      |  |
| CS 65-250 B            | 40                                                                  | 30   | 37                                     | 58                     |                        |       | 79   | 78,5 | 78   | 77   | 76   | 75   | 74   | 72   | 69   | 66   | 63   | 58   |      |      |  |
| CS 65-250 A            | 50                                                                  | 37   | 46                                     | 72                     |                        |       |      | 89,5 | 89   | 88,5 | 87,5 | 86,5 | 85,5 | 84   | 82,5 | 80   | 77   | 74   | 70   | 66   |  |

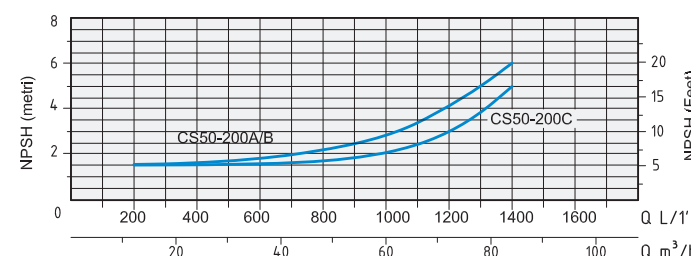
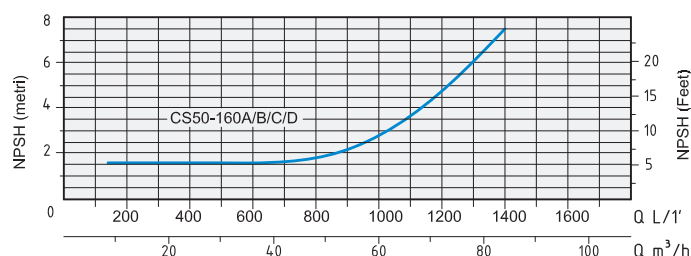
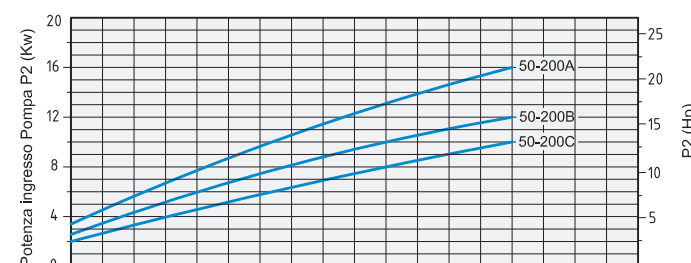
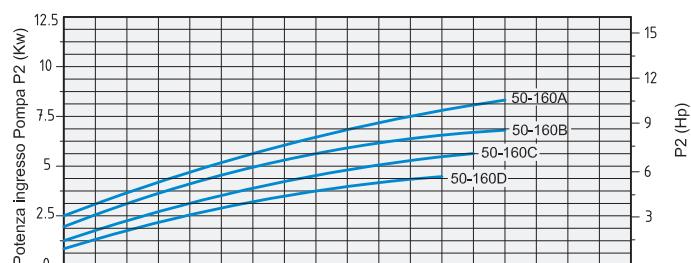
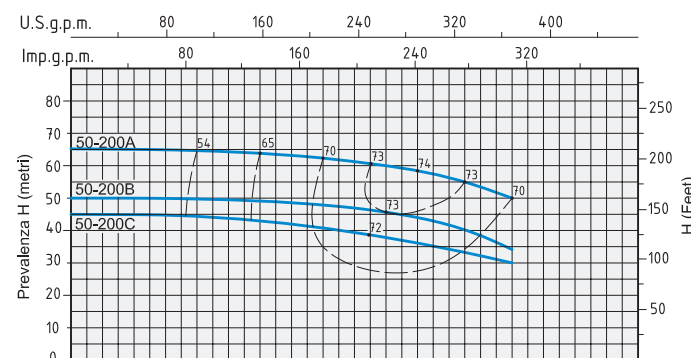
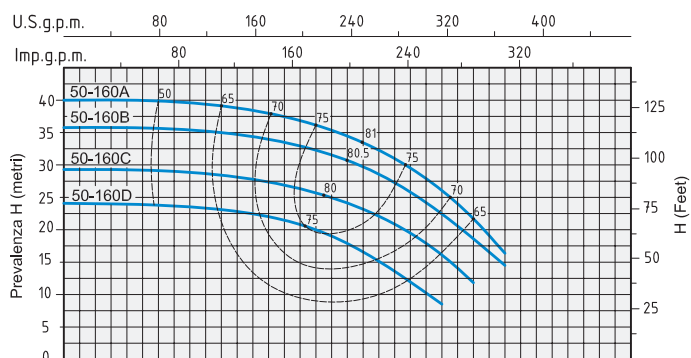
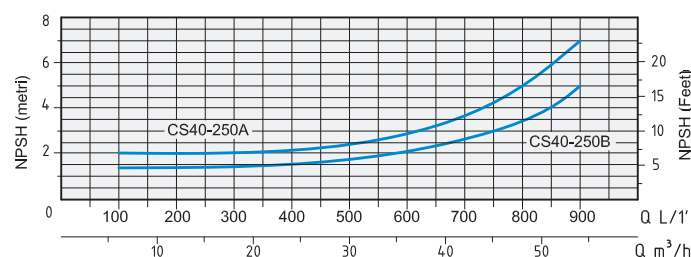
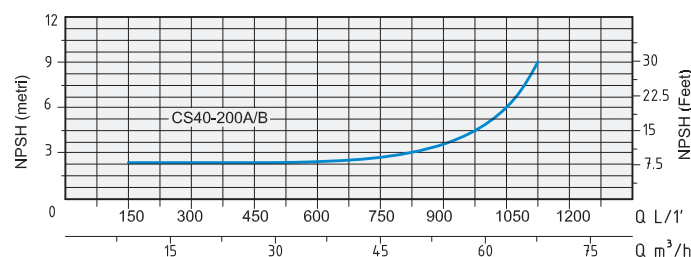
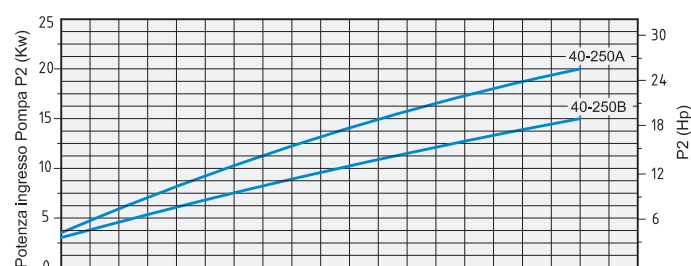
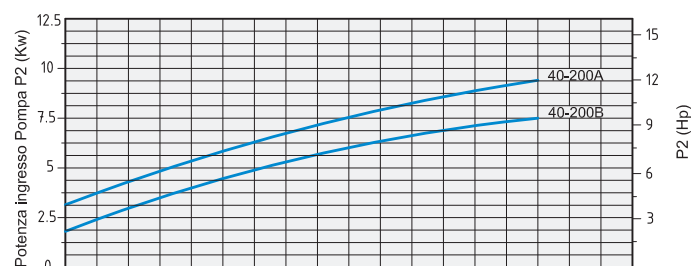
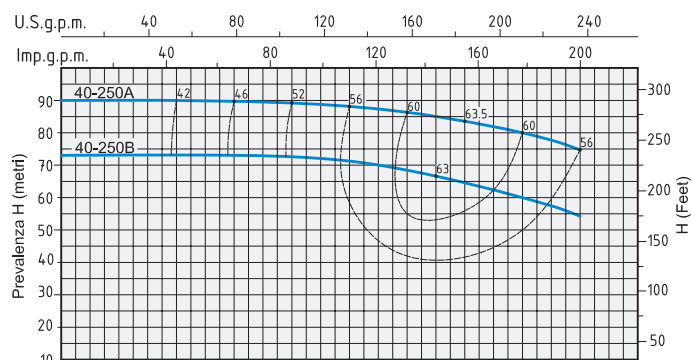
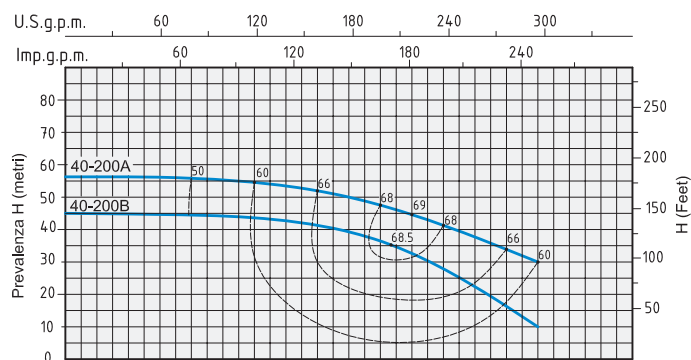
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA - CAPACITY                                              |                                                                                                                                                                                                                                                 |          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|------------------------|-----------------------------------------|------|----------------------------------------|------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                        | P2                                      |      | P1                                     |                        | m³/h                                                                | 66                                                                                                                                                                                                                                              | 72       | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  | 168  | 180  | 195  | 210  | 225  | 240  |  |
| Trifase<br>Three-phase | HP                                      | kW   | kW                                     | Trifase<br>Three-phase | lt/1'                                                               | 1100                                                                                                                                                                                                                                            | 1200     | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |  |
|                        |                                         |      |                                        |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                                                                                                                                                                                                                                                 |          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                        | CS 80-160 D                             | 15   | 11                                     |                        | 12,5                                                                | 20,5 <th rowspan="6">H<br/>(m)</th> <td>27,5</td> <td>27,4</td> <td>27,3</td> <td>27,1</td> <td>26,4</td> <td>25,2</td> <td>24</td> <td>22,5</td> <td>21</td> <td>19,2</td> <td>17,4</td> <td>15,5</td> <td></td> <td></td> <td></td> <td></td> | H<br>(m) | 27,5 | 27,4 | 27,3 | 27,1 | 26,4 | 25,2 | 24   | 22,5 | 21   | 19,2 | 17,4 | 15,5 |      |      |  |
| CS 80-160 C            | 20                                      | 15   | 15                                     | 24                     | 30,6                                                                | 30,5                                                                                                                                                                                                                                            |          | 30,4 | 30,2 | 29,6 | 28,7 | 27,5 | 26,2 | 24,8 | 23,2 | 21,5 | 19,6 | 17   |      |      |      |  |
| CS 80-160 B            | 25                                      | 18,5 | 18,5                                   | 30                     | 35                                                                  | 34,9                                                                                                                                                                                                                                            |          | 34,8 | 34,6 | 34,1 | 33,4 | 32,5 | 31,3 | 30,2 | 28,7 | 27   | 25,3 | 22,8 | 20   |      |      |  |
| CS 80-160 A            | 30                                      | 22,5 | 22                                     | 35                     | 38,6                                                                | 38,5                                                                                                                                                                                                                                            |          | 38,2 | 38   | 37,7 | 37   | 36,3 | 35,3 | 34,2 | 33   | 31,6 | 30   | 27,8 | 25   | 22   |      |  |
| CS 80-200 B            | 40                                      | 30   | 33,5                                   | 54                     | 54,1                                                                | 54                                                                                                                                                                                                                                              |          | 53,8 | 53,6 | 53,1 | 52,2 | 51,3 | 50,4 | 49,2 | 47,7 | 46,2 | 44,2 | 41,2 | 38   | 33,6 | 28,5 |  |
| CS 80-200 A            | 50                                      | 37   | 39                                     | 62                     | 58,8                                                                | 58,7                                                                                                                                                                                                                                            |          | 58,5 | 58,3 | 57,8 | 57,2 | 56,3 | 55,4 | 54,2 | 53   | 51,5 | 50   | 48   | 45   | 42   | 39   |  |



## ELETTROPOMPE CENTRIFUGHE MONOBLOCCO

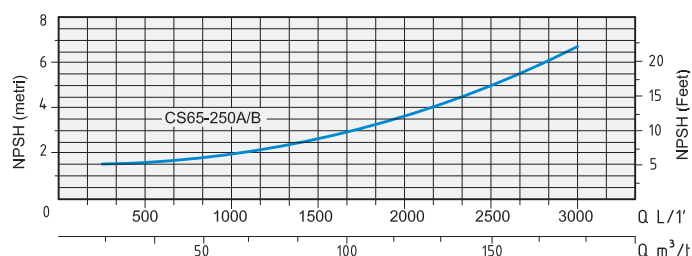
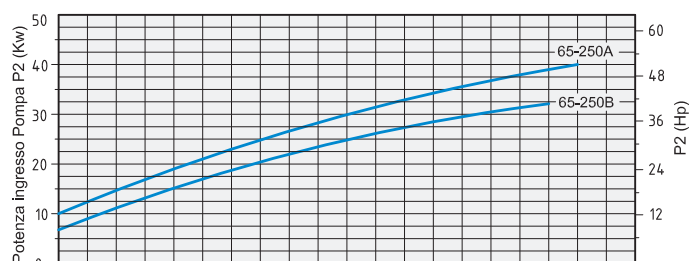
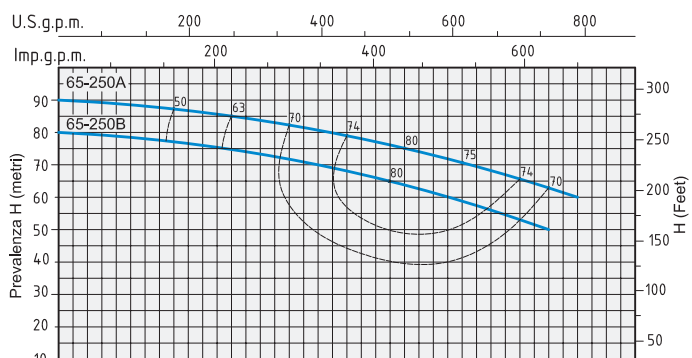
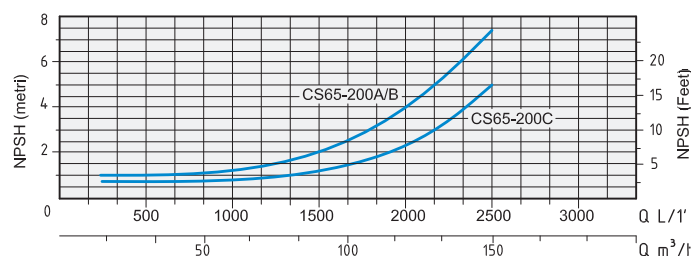
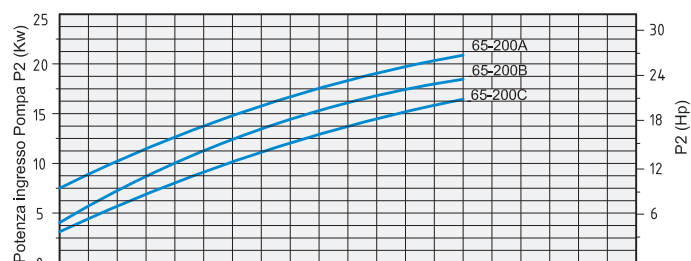
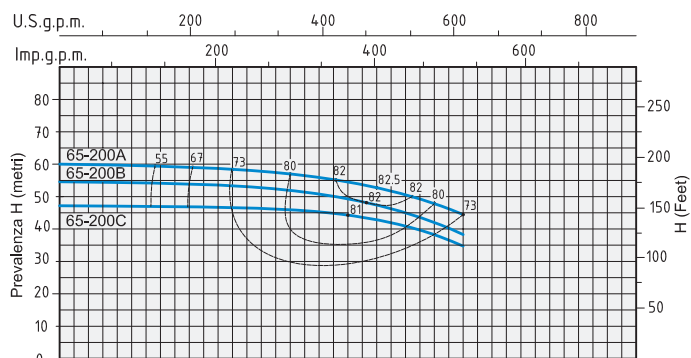
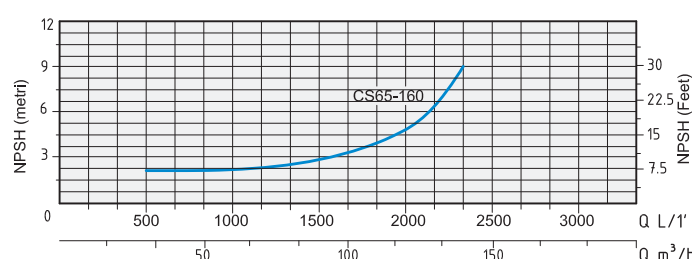
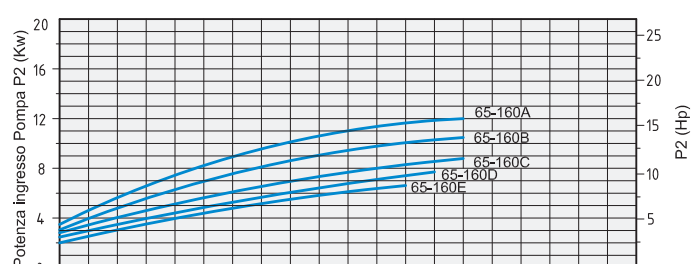
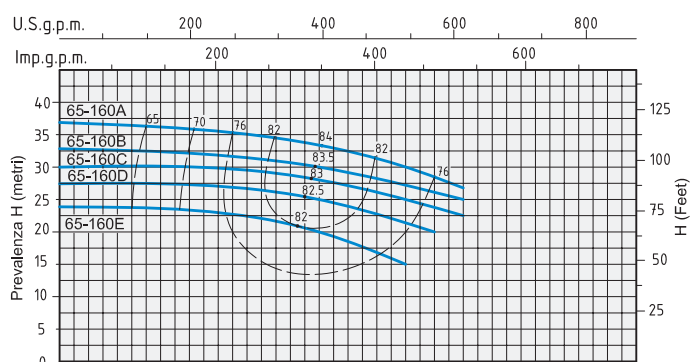
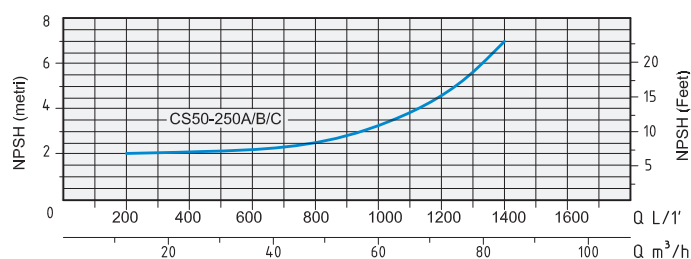
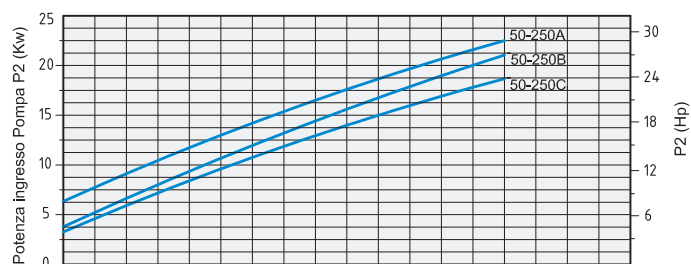
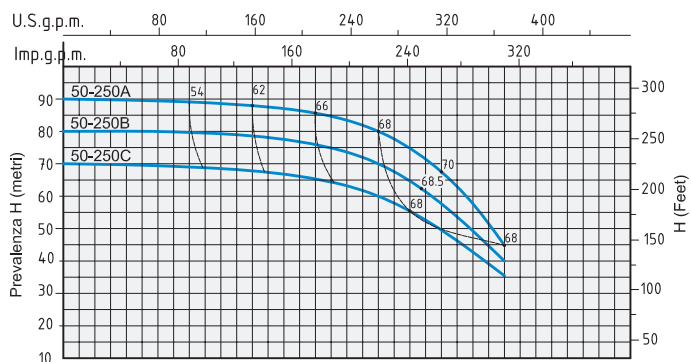


# MONOBLOCK CENTRIFUGAL PUMPS

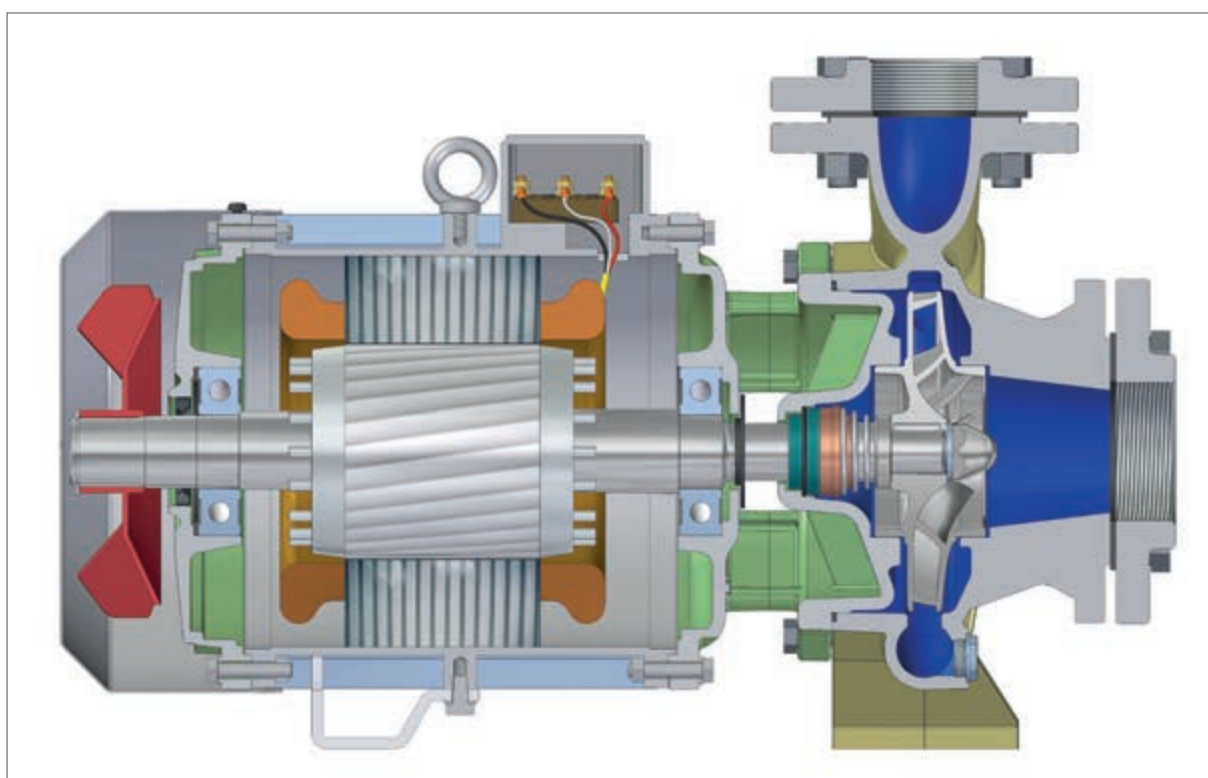
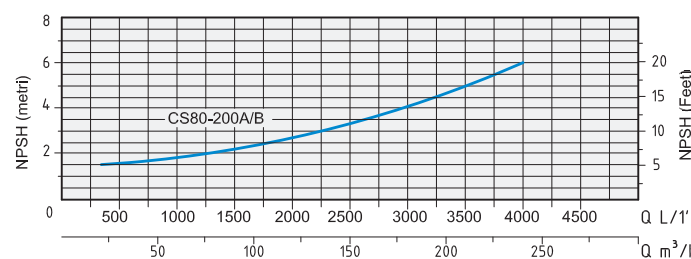
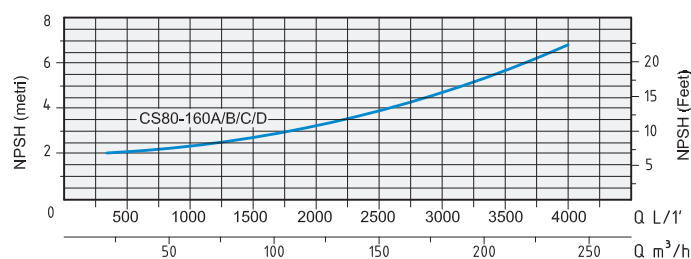
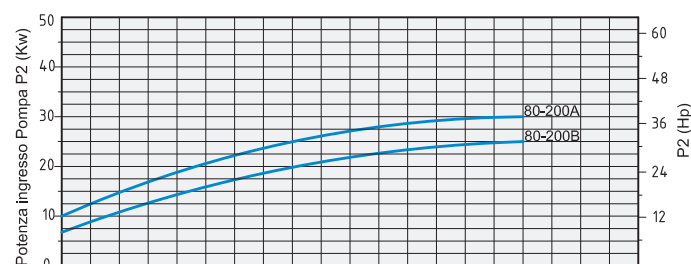
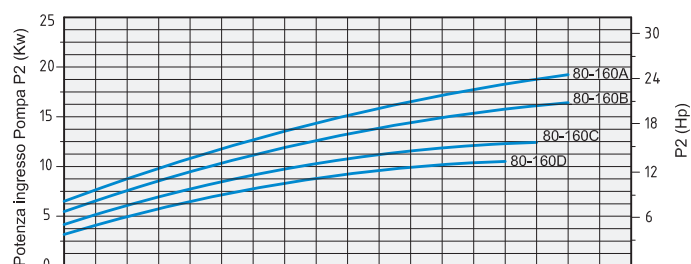
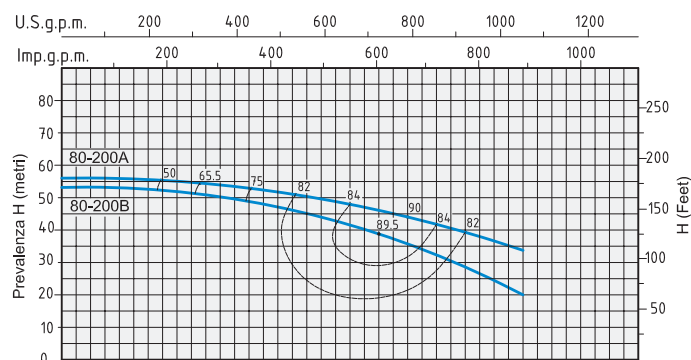
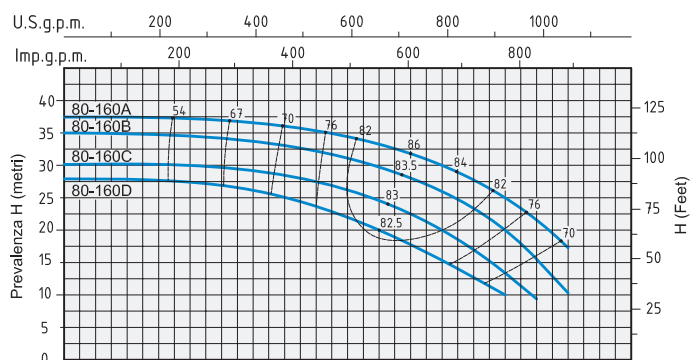


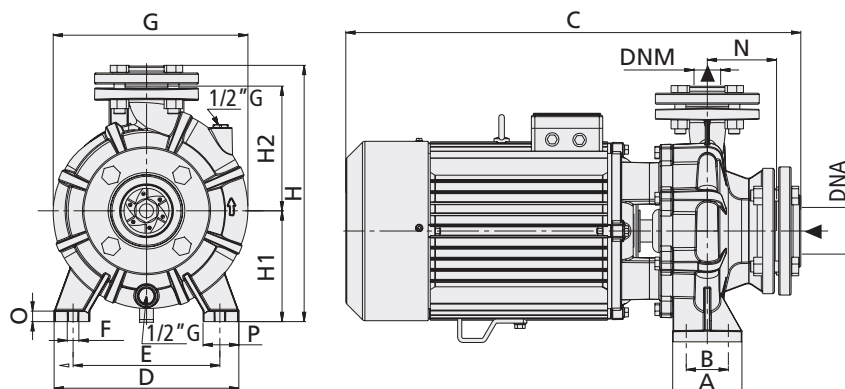


## ELETTROPOMPE CENTRIFUGHE MONOBLOCCO

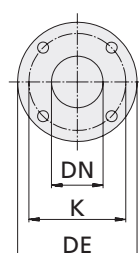


# MONOBLOCK CENTRIFUGAL PUMPS





Flange  
Flanges



| DIMENSIONI mm - DIMENSIONS mm |     |     |              |    |
|-------------------------------|-----|-----|--------------|----|
| DN                            | DE  | K   | Fori - Holes |    |
|                               |     |     | n°           | Ø  |
| 32                            | 140 | 100 | 4            | 18 |
| 40                            | 150 | 110 | 4            | 18 |
| 50                            | 165 | 125 | 4            | 18 |
| 65                            | 185 | 145 | 4            | 18 |
| 80                            | 200 | 160 | 8            | 18 |
| 100                           | 220 | 180 | 8            | 18 |

| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |      |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O    | P  | DNA | DNM | P                              | L   | H   | Kg             |
| CSM 32-160 C             | CS 32-160 C            | 100                           | 70 | 480 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                            | 540 | 430 | 39,4           |
| CSM 32-160 B             | CS 32-160 B            | 100                           | 70 | 480 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                            | 540 | 430 | 43,5           |
|                          | CS 32-160 A            | 100                           | 70 | 510 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                            | 540 | 430 | 48,1           |
| CSM 32-200 C             | CS 32-200 C            | 100                           | 70 | 530 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                            | 680 | 495 | 58,6           |
|                          | CS 32-200 B            | 100                           | 70 | 630 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                            | 680 | 495 | 72,3           |
|                          | CS 32-200 A            | 100                           | 70 | 630 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                            | 680 | 495 | 76,4           |
|                          | CS 32-250 C            | 125                           | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                            | 805 | 550 | 129            |
|                          | CS 32-250 B            | 125                           | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                            | 805 | 550 | 129,5          |
|                          | CS 32-250 A            | 125                           | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                            | 805 | 550 | 139,5          |

| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                              | L   | H   | Kg             |
| CSM 40-160 B             | CS 40-160 B            | 100                           | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                            | 570 | 420 | 57,9           |
| CSM 40-160 A             | CS 40-160 A            | 100                           | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                            | 570 | 420 | 60,7           |
|                          | CS 40-200 B            | 100                           | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                            | 680 | 495 | 75,8           |
|                          | CS 40-200 A            | 100                           | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                            | 680 | 495 | 79,6           |
|                          | CS 40-250 B            | 125                           | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                            | 805 | 550 | 130,1          |
|                          | CS 40-250 A            | 125                           | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                            | 805 | 550 | 140,1          |

## MONOBLOCK CENTRIFUGAL PUMPS



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|--------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                  | L   | H   | Kg             |
| CSM 50-160 D             | CS 50-160 D            | 100                           | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 62,1           |
| CSM 50-160 C             | CS 50-160 C            | 100                           | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 65             |
|                          | CS 50-160 B            | 100                           | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 74,8           |
|                          | CS 50-160 A            | 100                           | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 79,1           |
|                          | CS 50-200 C            | 100                           | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 123,1          |
|                          | CS 50-200 B            | 100                           | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 125            |
|                          | CS 50-200 A            | 100                           | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 132,1          |
|                          | CS 50-250 C            | 125                           | 95 | 750 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 142,2          |
|                          | CS 50-250 B            | 125                           | 95 | 795 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 155,4          |
|                          | CS 50-250 A            | 125                           | 95 | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 210,5          |

| TIPO<br>TYPE          |  | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|-----------------------|--|-------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase - Three-phase |  | A                             | B   | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| CS 65-160 E           |  | 125                           | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                                                                                                                  | 680 | 495 | 82,2           |
| CS 65-160 D           |  | 125                           | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                                                                                                                  | 680 | 495 | 85,6           |
| CS 65-160 C           |  | 125                           | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 125,2          |
| CS 65-160 B           |  | 125                           | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 125,5          |
| CS 65-160 A           |  | 125                           | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 137,2          |
| CS 65-200 C           |  | 125                           | 95  | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 141,5          |
| CS 65-200 B           |  | 125                           | 95  | 790 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 156,5          |
| CS 65-200 A           |  | 125                           | 95  | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 215,5          |
| CS 65-250 B           |  | 160                           | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                                                                                                                  | 935 | 580 | 250,1          |
| CS 65-250 A           |  | 160                           | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                                                                                                                  | 935 | 580 | 258,2          |

| TIPO<br>TYPE           |  | DIMENSIONI mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|------------------------|--|-------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase |  | A                             | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| CS 80-160 D            |  | 125                           | 95 | 790 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 139,2          |
| CS 80-160 C            |  | 125                           | 95 | 790 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 148,5          |
| CS 80-160 B            |  | 125                           | 95 | 835 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 161,2          |
| CS 80-160 A            |  | 125                           | 95 | 870 | 320 | 250 | 15 | 360 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 219,1          |
| CS 80-200 B            |  | 125                           | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 247,2          |
| CS 80-200 A            |  | 125                           | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 258,5          |