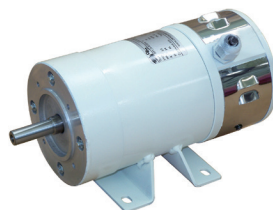


# M63 • M71 • M80

Motori elettrici in corrente continua / D.C. Electric motors



M63-B3



M71-B34



M80-B5

## DESCRIZIONE E APPLICAZIONI

Motori elettrici in corrente continua 12V e 24V a magneti permanenti largamente utilizzati per applicazioni con ventilatori, pompe, compressori, impianti frigoriferi, verricelli, trazione, sollevamento e riduttori di velocità. **N.B.: a richiesta disponibili altre tensioni (36V, 48V etc.).**

## CARATTERISTICHE TECNICHE

Motore elettrico a magneti permanenti, protezione IP23-IP44 (IP 55 e IP 65 a richiesta), Classe di Isolamento F, Servizio continuo (S1) o Servizio intermittente (S2).

## FORME COSTRUTTIVE

B3-B34-B35: con piedini  
B5-B14: senza piedini

## ACCESSORI A RICHIESTA

Morsettiera

## DESCRIPTION AND USE

Permanent magnets electric motors made in D.C. 12V and 24V widely used for application with blowers, pumps, air compressors, cooling plants, windlasses, traction, lifting and gearbox. **Note: other voltages available on request (36V, 48V etc.).**

## TECHNICAL FEATURES

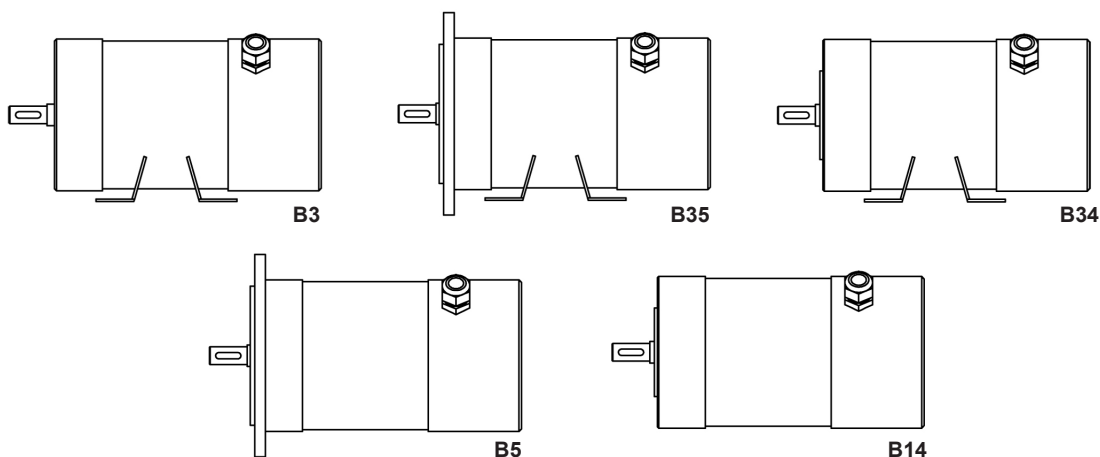
D.C. permanent magnets electric motor, protection IP23+IP44 (IP55 and IP65 on request), Insulation class F, Continuous Duty (S1) or short time duty (S2).

## SHAPES

B3-B34-B35: with feet  
B5-B14: without feet

## ACCESSORIES ON REQUEST

Terminal board connection



### PRESTAZIONI / PERFORMANCES

| Modello<br>Type | Forme costruttive<br>Shapes | Voltaggio<br>Voltage<br>(V) | 1400 rpm                |                | 2000 rpm                |                | 2800 rpm                |                |
|-----------------|-----------------------------|-----------------------------|-------------------------|----------------|-------------------------|----------------|-------------------------|----------------|
|                 |                             |                             | Potenza / Power<br>(kW) | Amperes<br>(A) | Potenza / Power<br>(kW) | Amperes<br>(A) | Potenza / Power<br>(kW) | Amperes<br>(A) |
| <b>M63.H50</b>  | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,03                    | 2,9            | 0,05                    | 5              | 0,07                    | 7              |
|                 |                             | 24                          | 0,03                    | 1,5            | 0,05                    | 2,5            | 0,07                    | 3,5            |
| <b>M63.H75</b>  | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,05                    | 4,9            | 0,08                    | 7,5            | 0,1                     | 10             |
|                 |                             | 24                          | 0,05                    | 2,5            | 0,08                    | 3,8            | 0,1                     | 5              |
| <b>M63.H100</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,08                    | 7,5            | 0,11                    | 11             | 0,15                    | 15             |
|                 |                             | 24                          | 0,15                    | 7,2            | 0,22                    | 11             | 0,3                     | 15             |
| <b>M71.H70</b>  | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,3                     | 30             | 0,35                    | 35             | 0,4                     | 40             |
|                 |                             | 24                          | 0,3                     | 15             | 0,35                    | 17,5           | 0,4                     | 20             |
| <b>M71.H100</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,45                    | 40             | 0,5                     | 50             | 0,55                    | 54             |
|                 |                             | 24                          | 0,45                    | 20             | 0,5                     | 25             | 0,55                    | 27             |
| <b>M71.H120</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,5                     | 50             | 0,6                     | 60             | 0,65                    | 64             |
|                 |                             | 24                          | 0,75                    | 37             | 0,8                     | 40             | 0,95                    | 49             |
| <b>M80.H100</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,45                    | 40             | 0,5                     | 50             | 0,55                    | 54             |
|                 |                             | 24                          | 0,45                    | 20             | 0,5                     | 25             | 0,55                    | 27             |
| <b>M80.H120</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,5                     | 50             | 0,6                     | 60             | 0,65                    | 64             |
|                 |                             | 24                          | 0,75                    | 37             | 0,8                     | 40             | 0,95                    | 49             |
| <b>M80.H140</b> | B3 / B34 / B35<br>B5 / B14  | 12                          | 0,55                    | 54             | 0,6                     | 60             | 0,65                    | 64             |
|                 |                             | 24                          | 0,8                     | 40             | 1                       | 50             | 1,3                     | 64             |

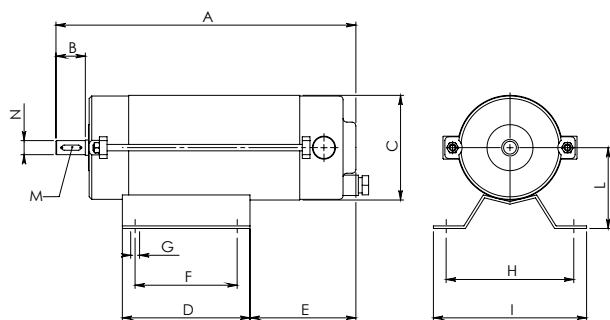
**12-24V: CORRENTE CONTINUA / DIRECT CURRENT**

**B3 - B34 - B35:** con piedi / with feet

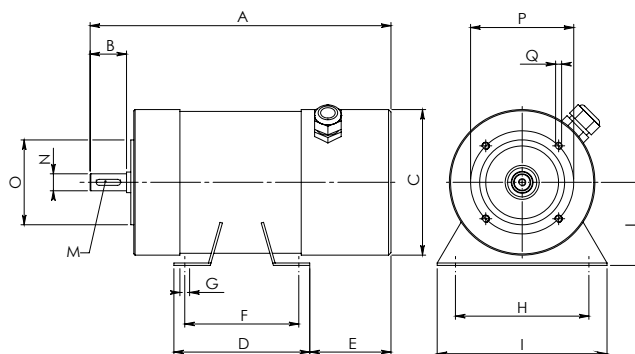
**B5 - B14:** senza piedi / without feet

### DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

**M63 / B3**



**M71 / B3 - M80 / B3**



| Modello<br>Type      | A   | B  | C   | D   | E   | F   | G | H   | I   | L  | M    | N  | Peso<br>Weight<br>(kg) |
|----------------------|-----|----|-----|-----|-----|-----|---|-----|-----|----|------|----|------------------------|
| <b>M63.H50 / B3</b>  | 200 | 23 | 80  | 100 | 45  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 3                      |
| <b>M63.H75 / B3</b>  | 225 | 23 | 80  | 100 | 70  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 3,5                    |
| <b>M63.H100 / B3</b> | 250 | 23 | 80  | 100 | 95  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 4                      |
| <b>M71.H70 / B3</b>  | 250 | 30 | 117 | 110 | 70  | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 7                      |
| <b>M71.H100 / B3</b> | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 9                      |
| <b>M71.H120 / B3</b> | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 10                     |
| <b>M80.H100 / B3</b> | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 9,5                    |
| <b>M80.H120 / B3</b> | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 10,5                   |
| <b>M80.H140 / B3</b> | 320 | 40 | 117 | 125 | 140 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 12                     |

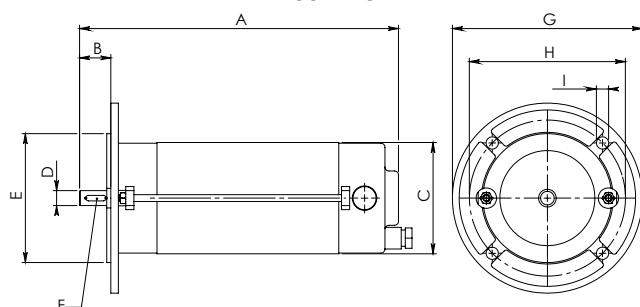
Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

# M63 • M71 • M80

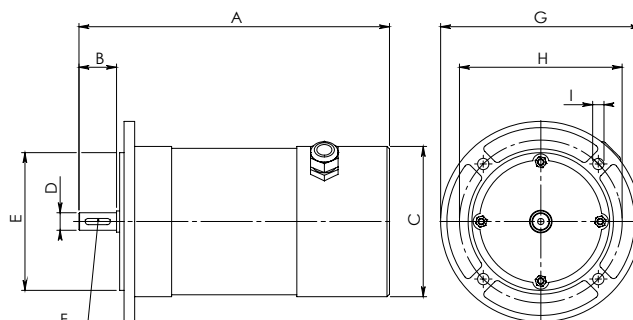
Motori elettrici in corrente continua / D.C. Electric motors

## DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

**M63 / B5**



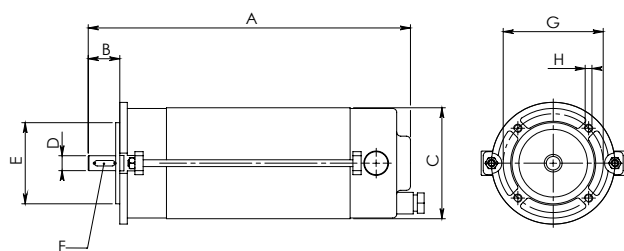
**M71 / B5 - M80 / B5**



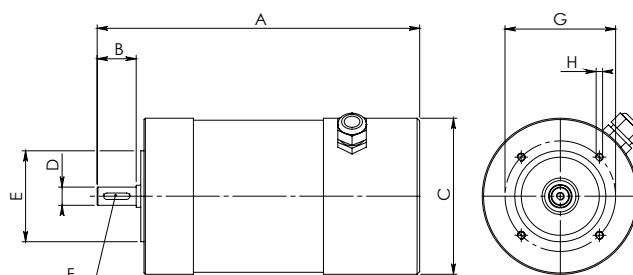
| Modello<br>Type | A   | B  | C   | D  | E   | F    | G   | H   | I    | Peso<br>Weight<br>(kg) |
|-----------------|-----|----|-----|----|-----|------|-----|-----|------|------------------------|
| M63.H50 / B5    | 200 | 23 | 80  | 11 | 95  | 4x15 | 140 | 115 | 9,5  | 3                      |
| M63.H75 / B5    | 225 | 23 | 80  | 11 | 95  | 4x15 | 140 | 115 | 9,5  | 3,5                    |
| M63.H100 / B5   | 250 | 23 | 80  | 11 | 95  | 4x15 | 140 | 115 | 9,5  | 4                      |
| M71.H70 / B5    | 250 | 30 | 117 | 14 | 110 | 5x20 | 160 | 130 | 9,5  | 7                      |
| M71.H100 / B5   | 300 | 30 | 117 | 14 | 110 | 5x20 | 160 | 130 | 9,5  | 9                      |
| M71.H120 / B5   | 300 | 30 | 117 | 14 | 110 | 5x20 | 160 | 130 | 9,5  | 10                     |
| M80.H100 / B5   | 300 | 40 | 117 | 19 | 130 | 6x30 | 200 | 165 | 11,5 | 9,5                    |
| M80.H120 / B5   | 300 | 40 | 117 | 19 | 130 | 6x30 | 200 | 165 | 11,5 | 10,5                   |
| M80.H140 / B5   | 320 | 40 | 117 | 19 | 130 | 6x30 | 200 | 165 | 11,5 | 12                     |

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

**M63 / B14**



**M71 / B14 - M80 / B14**

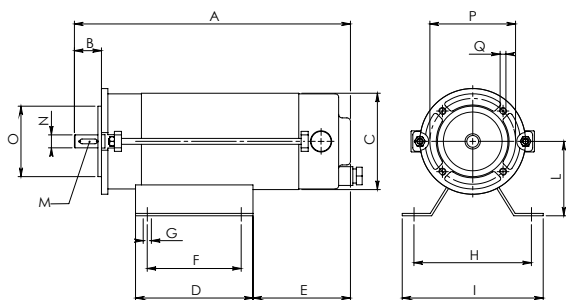


| Modello<br>Type | A   | B  | C   | D  | E  | F    | G   | H  | Peso<br>Weight<br>(kg) |
|-----------------|-----|----|-----|----|----|------|-----|----|------------------------|
| M63.H50 / B14   | 200 | 23 | 80  | 11 | 60 | 4x15 | 75  | M5 | 3                      |
| M63.H75 / B14   | 225 | 23 | 80  | 11 | 60 | 4x15 | 75  | M5 | 3,5                    |
| M63.H100 / B14  | 250 | 23 | 80  | 11 | 60 | 4x15 | 75  | M5 | 4                      |
| M71.H70 / B14   | 250 | 30 | 117 | 14 | 70 | 5x20 | 85  | M6 | 7                      |
| M71.H100 / B14  | 300 | 30 | 117 | 14 | 70 | 5x20 | 85  | M6 | 9                      |
| M71.H120 / B14  | 300 | 30 | 117 | 14 | 70 | 5x20 | 85  | M6 | 10                     |
| M80.H100 / B14  | 300 | 40 | 117 | 19 | 80 | 6x30 | 100 | M6 | 9,5                    |
| M80.H120 / B14  | 300 | 40 | 117 | 19 | 80 | 6x30 | 100 | M6 | 10,5                   |
| M80.H140 / B14  | 320 | 40 | 117 | 19 | 80 | 6x30 | 100 | M6 | 12                     |

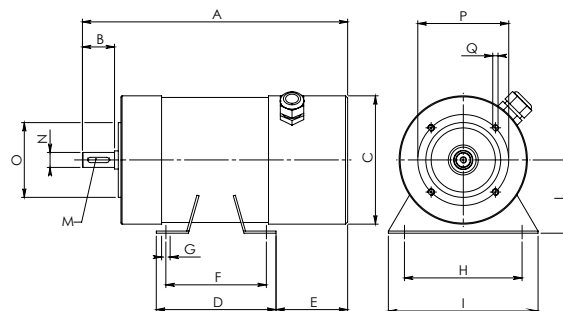
Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

## DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

**M63 / B34**



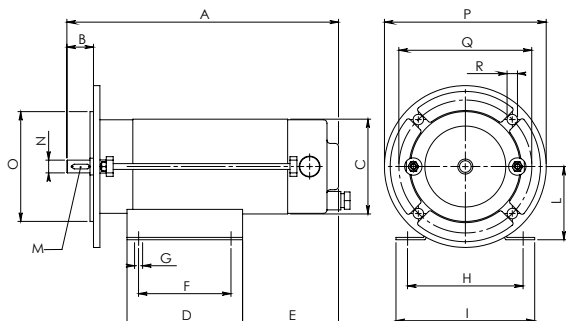
**M71 / B34 - M80 / B34**



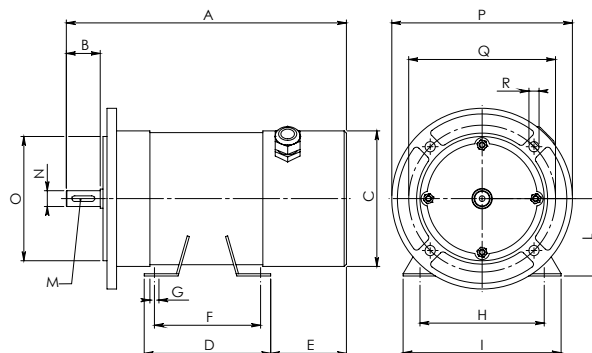
| Modello<br>Type | A   | B  | C   | D   | E   | F   | G | H   | I   | L  | M    | N  | O  | P   | Q  | Peso<br>Weight<br>(kg) |
|-----------------|-----|----|-----|-----|-----|-----|---|-----|-----|----|------|----|----|-----|----|------------------------|
| M63.H50 / B34   | 200 | 23 | 80  | 100 | 45  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 60 | 75  | M5 | 3                      |
| M63.H75 / B34   | 225 | 23 | 80  | 100 | 70  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 60 | 75  | M5 | 3,5                    |
| M63.H100 / B34  | 250 | 23 | 80  | 100 | 95  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 60 | 75  | M5 | 4                      |
| M71.H70 / B34   | 250 | 30 | 117 | 110 | 70  | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 70 | 85  | M6 | 7                      |
| M71.H100 / B34  | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 70 | 85  | M6 | 9                      |
| M71.H120 / B34  | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 70 | 85  | M6 | 10                     |
| M80.H100 / B34  | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 80 | 100 | M6 | 9,5                    |
| M80.H120 / B34  | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 80 | 100 | M6 | 10,5                   |
| M80.H140 / B34  | 320 | 40 | 117 | 125 | 140 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 80 | 100 | M6 | 12                     |

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

**M63 / B35**



**M71 / B35 - M80 / B35**



| Modello<br>Type | A   | B  | C   | D   | E   | F   | G | H   | I   | L  | M    | N  | O   | P   | Q   | R    | Peso<br>Weight<br>(kg) |
|-----------------|-----|----|-----|-----|-----|-----|---|-----|-----|----|------|----|-----|-----|-----|------|------------------------|
| M63.H50 / B35   | 200 | 23 | 80  | 100 | 45  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 95  | 140 | 115 | 9,5  | 3                      |
| M63.H75 / B35   | 225 | 23 | 80  | 100 | 70  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 95  | 140 | 115 | 9,5  | 3,5                    |
| M63.H100 / B35  | 250 | 23 | 80  | 100 | 95  | 80  | 7 | 100 | 120 | 63 | 4x15 | 11 | 95  | 140 | 115 | 9,5  | 4                      |
| M71.H70 / B35   | 250 | 30 | 117 | 110 | 70  | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 110 | 160 | 130 | 9,5  | 7                      |
| M71.H100 / B35  | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 110 | 160 | 130 | 9,5  | 9                      |
| M71.H120 / B35  | 300 | 30 | 117 | 110 | 120 | 90  | 8 | 112 | 140 | 71 | 5x20 | 14 | 110 | 160 | 130 | 9,5  | 10                     |
| M80.H100 / B35  | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 130 | 200 | 165 | 11,5 | 9,5                    |
| M80.H120 / B35  | 300 | 40 | 117 | 125 | 120 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 130 | 200 | 165 | 11,5 | 10,5                   |
| M80.H140 / B35  | 320 | 40 | 117 | 125 | 140 | 100 | 9 | 125 | 160 | 80 | 6x30 | 19 | 130 | 200 | 165 | 11,5 | 12                     |

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated