# Motori asincroni trifasi serie ghisa

# Asynchronous three-phase motors cast iron line

# Drehstorm-Asynchronmotoren Grauguss Serie

ELECTRO ADDA SPA
COSTRUZIONI ELETTROMECCANICHE

01

## Motori asincroni trifasi con rotore a gabbia

**Costruzione chiusa - Ventilazione esterna - Grandezza 132 ÷ 355**
**Costruiti nelle forme B3 o B5 o B3/B5**
**Protezione IP55 - Classe isolamento F/B**

I motori di questo catalogo sono chiusi, raffreddati con ventilazione superficiale esterna ed hanno il rotore a gabbia.
Sono progettati, costruiti e collaudati in conformità alle norme CEI 2-3, alle norme internazionali IEC 34-1 e alle principali norme straniere.
Sono unificati come abbinamento potenze-dimensioni secondo le norme nazionali UNEL, internazionali IEC 72 e secondo l'unificazione adottata dai paesi aderenti al Mercato Comune Europeo.
*I motori dal 132 al 280 hanno piedini staccabili.*

## Asynchronous three-phase motors with squirrel cage rotor

**Enclosed construction - External ventilation - Sizes 132 ÷ 355**
**Manufactured in B3 or B5 or B3/B5 frames**
**IP55 Protection - F/B Insulation Class**

The motors described in this catalogue are enclosed, cooled by an external surface ventilation and provided with a squirrel cage rotor. They are designed, manufactured and tested in compliance with the CEI Standards 2-3, with the IEC 34-1 International Recommendations and with the main foreign Standards. Concerning the coupling power-sizes they are standardized according to the UNEL National Standards, the IEC 72 International Recommendations and according to the Standardization adopted by European Common Market Member Countries.
*The motors from 132 to 280 size have detachable feet.*

## Drehstorm-Asynchronmotoren mit Käfigläufer

**Geschlossene Ausführung - Oberflächenkuhlung - Baugrösse 132 ÷ 355**
**In Bauform B3 oder B5 oder B3/B5 produziert**
**Schutzart IP55 - Isolationklasse F/B**

Die in diesem Katalog beschriebenen Motoren sind geschlossene, oberflächengekühlte Drehstrom-Asynchronmotoren mit Käfigläufer, die in Norm- und Sonderausführung lieferbar sind.
Die technische Auslegung, Fertigung und Prüfung der Motoren erfolgt nach den bekannten Normen CEI 2-3, den internationalen Vorschriften IEC 34-1 und den wichtigsten ausländischen Bestimmungen.
Unsere Anbaumasse und die Zuordnung der Leistungen entsprechen den UNEL-Normen, den internationalen IEC-72-Empfehlungen und erfüllen die von den EG-Mitgliedsstaaten vereinbarte Standardisierung der Daten und Masse umlaufender elektrischer Maschinen.
*Die Motoren von 132 zu 280 haben die Füsse scheidbar.*

ELECTRO ADDA GROUP

ELECTRO ADDA SPA
COSTRUZIONI ELETTROMECCANICHE

## MOTORI ASINCRONI TRIFASI SERIE GHISA

### 2 POLI -3000 giri -50Hz

con rotore a gabbia
costruzione chiusa
ventilazione esterna

## ASYNCHRONOUS THREE-PHASE MOTORS CAST IRON LINE

### 2 POLES -3000 RPM -50 HZ

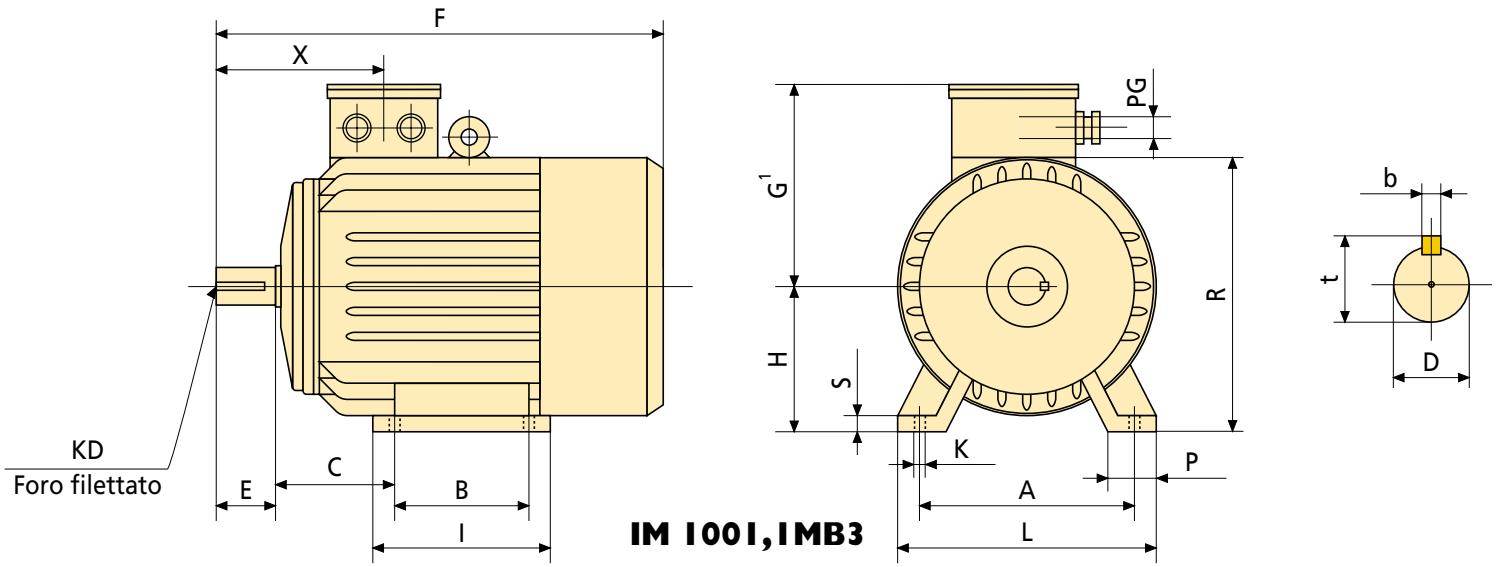
with squirrel cage rotor
enclosed construction
external ventilation

## DREHSTROM-ASYNCHRONMOTOREN GRAUGUSS SERIE

### 2 POLIG -3000 U/MIN -50 HZ

mit Käfigläufer
geschlossene Ausführung
oberflächenkühlung

| Tipo Type Type | Potenza Rated power Leistung | Velocità Speed Drehzahl | Rendimento Efficiency Wirkungsgrad | Fattore di potenza Power factor Leistungsfaktor | Corrente Rated current Strom | Corrente di spunto Starting current Anlassstrom | Coppia di spunto Starting torque Anlaufdrehmoment | Coppia massima Maximum torque Max. Drehmoment | Peso Weight Gewicht |
|---|---|---|---|---|---|---|---|---|---|
| | kW | R.P.M. | rend % | cosfi | A (380 V) | Ia/In | Ca/cN | Cm/Cn | kg |
| C132S1-2 | 5,5 | 2900 | 85,5 | 0,88 | 11,1 | 7 | 2 | 2,3 | 67 |
| C132S2-2 | 7,5 | 2900 | 86,2 | 0,88 | 15 | 7 | 2 | 2,3 | 72 |
| C160M1-2 | 11 | 2930 | 87,2 | 0,88 | 21,8 | 7 | 2 | 2,3 | 115 |
| C160M2-2 | 15 | 2930 | 88,2 | 0,88 | 29,4 | 7 | 2 | 2,3 | 125 |
| C160L-2 | 18,5 | 2930 | 89 | 0,89 | 35,5 | 7 | 2 | 2,2 | 145 |
| C180M-2 | 22 | 2940 | 89 | 0,89 | 42,2 | 7 | 2 | 2,2 | 173 |
| C200L1-2 | 30 | 2950 | 90 | 0,89 | 56,9 | 7 | 2 | 2,2 | 232 |
| C200L2-2 | 37 | 2970 | 90,5 | 0,89 | 69,8 | 7 | 2 | 2,2 | 250 |
| C225M-2 | 45 | 2970 | 91,5 | 0,89 | 84 | 7 | 2 | 2,2 | 312 |
| C250M-2 | 55 | 2970 | 91,5 | 0,89 | 103 | 7 | 2 | 2,2 | 387 |
| C280S-2 | 75 | 2970 | 92 | 0,89 | 139 | 7 | 2 | 2,2 | 515 |
| C280M-2 | 90 | 2970 | 92,5 | 0,89 | 166 | 7 | 2 | 2,2 | 566 |
| C315S-2 | 110 | 2980 | 92,5 | 0,89 | 203 | 6,8 | 1,8 | 2,2 | 922 |
| C315M-2 | 132 | 2980 | 93 | 0,89 | 242 | 6,8 | 1,8 | 2,2 | 1010 |
| C315L1-2 | 160 | 2980 | 93,5 | 0,89 | 292 | 6,8 | 1,8 | 2,2 | 1085 |
| C315L2-2 | 200 | 2980 | 93,5 | 0,89 | 365 | 6,8 | 1,8 | 2,2 | 1220 |



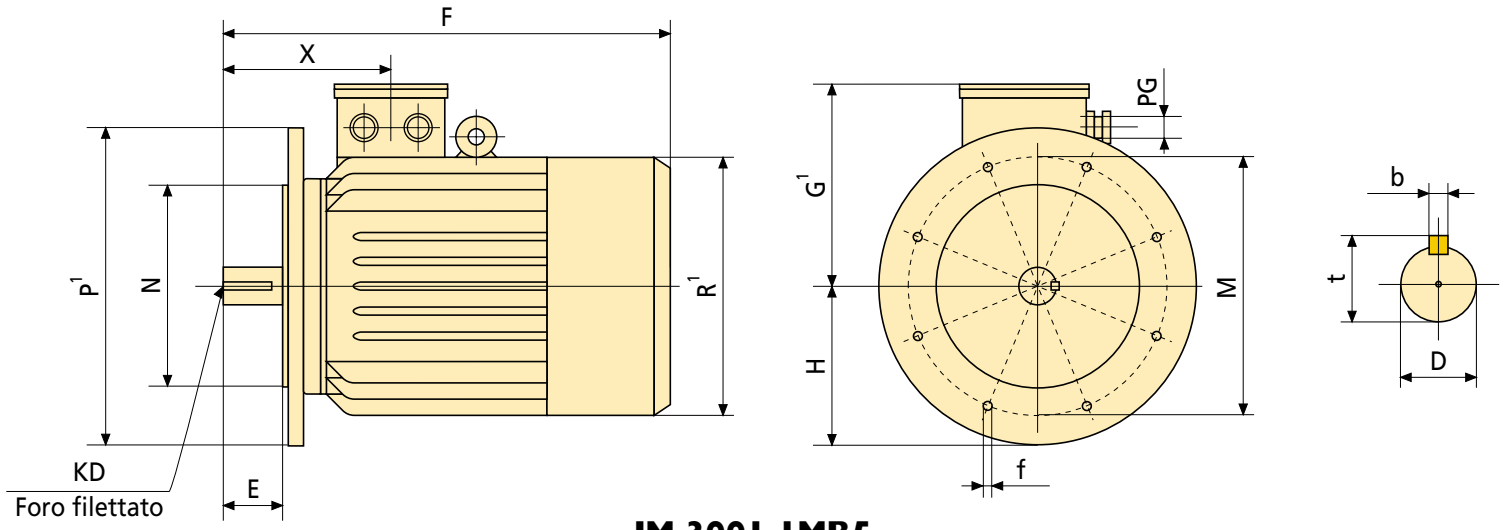

IM 1001,IMB3

| Tipo | A | B | C | E | F | H | K | I | L | P | R | S | R1 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **132S1** | 216 | 140 | 89 | 80 | 475 | 132 | 12 | 210 | 280 | 63 | 267 | 20 | 270 | 300 |
| **132S2** | 216 | 140 | 89 | 80 | 508 | 132 | 12 | 210 | 280 | 63 | 267 | 20 | 270 | 300 |
| **160M1** | 254 | 210 | 108 | 110 | 600 | 160 | 15 | 280 | 330 | 73 | 323 | 22 | 325 | 350 |
| **160M2** | 254 | 210 | 108 | 110 | 600 | 160 | 15 | 280 | 330 | 73 | 323 | 22 | 325 | 350 |
| **160L** | 254 | 254 | 108 | 110 | 645 | 160 | 15 | 326 | 355 | 73 | 323 | 22 | 325 | 350 |
| **180 M** | 279 | 241 | 121 | 110 | 670 | 180 | 15 | 322 | 355 | 73 | 360 | 24 | 360 | 350 |
| **200L1** | 318 | 305 | 153 | 110 | 775 | 200 | 19 | 388 | 395 | 73 | 400 | 27 | 400 | 400 |
| **200L2** | 318 | 305 | 153 | 110 | 775 | 200 | 19 | 388 | 435 | 73 | 400 | 27 | 400 | 400 |
| **225M** | 356 | 311 | 149 | 110 | 815 | 225 | 19 | 407 | 490 | 83 | 452 | 30 | 450 | 450 |
| **250M** | 406 | 349 | 168 | 140 | 930 | 250 | 24 | 468 | 550 | 88 | 498 | 33 | 495 | 550 |
| **280S** | 457 | 368 | 190 | 140 | 1000 | 280 | 24 | 535 | 550 | 93 | 558 | 36 | 555 | 550 |
| **280M** | 457 | 419 | 190 | 140 | 1050 | 280 | 24 | 585 | 640 | 93 | 558 | 36 | 555 | 550 |
| **315S** | 508 | 405 | 216 | 140 | 1155 | 315 | 28 | 615 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315M** | 508 | 457 | 216 | 140 | 1210 | 315 | 28 | 665 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315L1** | 508 | 508 | 216 | 140 | 1295 | 315 | 28 | 745 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315L2** | 508 | 508 | 216 | 140 | 1295 | 315 | 28 | 745 | 640 | 125 | 638 | 48 | 645 | 660 |

| Tipo | G1 | X | N | f | M | PG x 2 | KD | D | t | b |
|---|---|---|---|---|---|---|---|---|---|---|
| **132S1** | 210 | 174 | 230 j6 | 15 | 265 | 21 | M12 | 38 | 41 | 10x8 |
| **132S2** | 210 | 174 | 230 j6 | 15 | 265 | 21 | M12 | 38 | 41 | 10x8 |
| **160M1** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **160M2** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **160L** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 45 | 12x8 |
| **180 M** | 285 | 253 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 51,5 | 14x9 |
| **200L1** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16x10 |
| **200L2** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16x10 |
| **225M** | 345 | 283 | 350 h6 | 19 | 400 | 36 | M20 | 55 | 59 | 16x10 |
| **250M** | 385 | 354 | 450 h6 | 19 | 500 | 36 | M20 | 60 | 64 | 18x11 |
| **280S** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 65 | 69 | 18x11 |
| **280M** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 65 | 69 | 18x11 |
| **315S** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 65 | 69 | 18x11 |
| **315M** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 65 | 69 | 18x11 |
| **315L1** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 65 | 69 | 18x11 |
| **315L2** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 65 | 69 | 18X11 |

**Cuscinetto - Bearing - Lager**

| | Ant. | Post. |
|---|---|---|
| **132** | 6308-2Z | 6308-2Z |
| **132** | 6308-2Z | 6308-2Z |
| **160** | 6309-2Z | 6309-2Z |
| **160** | 6309-2Z | 6309-2Z |
| **160** | 6309-2Z | 6309-2Z |
| **180** | 6311-2Z | 6311-2Z |
| **200** | 6312-2Z | 6312-2Z |
| **200** | 6312-2Z | 6312-2Z |
| **225** | 6313-2Z | 6313-2Z |
| **250** | 6314-2Z | 6314-2Z |
| **280** | 6314-2Z | 6314-2Z |
| **280** | 6314-2Z | 6314-2Z |
| **315** | 6316 | 6317 |
| **315** | 6316 | 6317 |
| **315** | 6316 | 6317 |
| **315** | 6316 | 6317 |




**IM 3001, IMB5**

## MOTORI ASINCRONI TRIFASI SERIE GHISA

### 4 POLI -1500 giri -50Hz

con rotore a gabbia
costruzione chiusa
ventilazione esterna

## ASYNCHRONOUS THREE-PHASE MOTORS CAST IRON LINE

### 4 POLES -1500 RPM -50 HZ

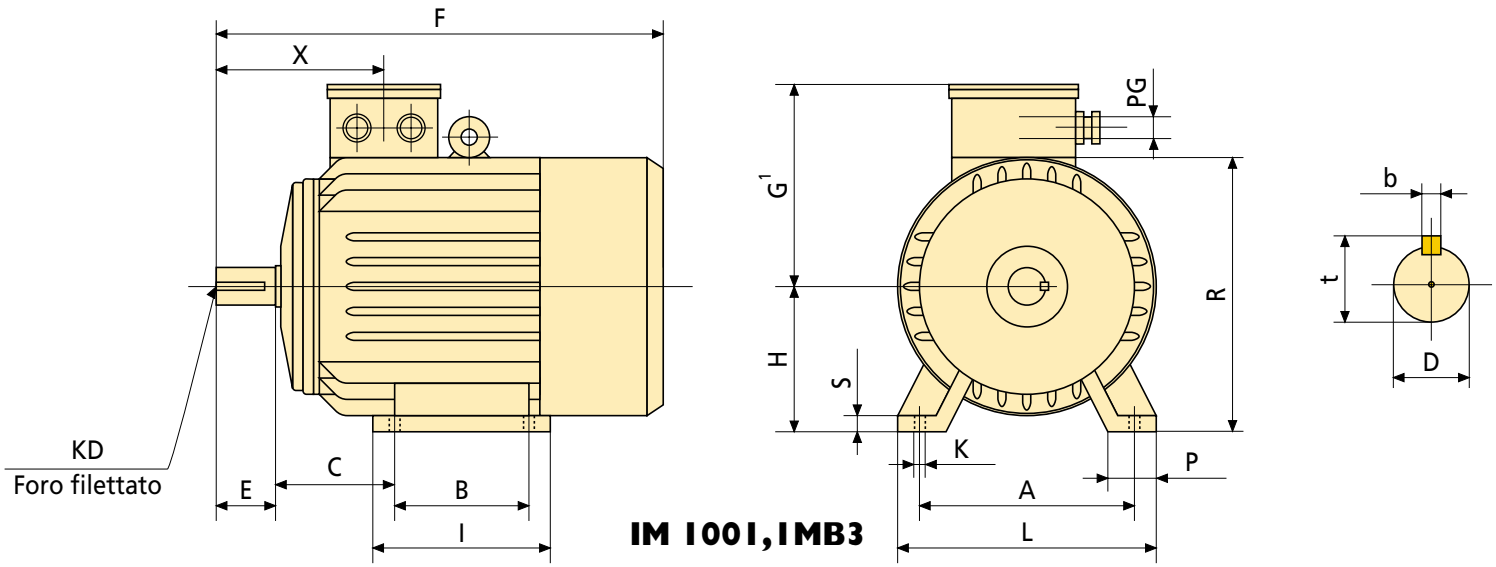
with squirrel cage rotor
enclosed construction
external ventilation

## DREHSTROM-ASYNCHRONMOTOREN GRAUGUSS SERIE

### 4 POLIG -1500 U/MIN -50 HZ

mit Käfigläufer
geschlossene Ausführung
oberflächenkühlung

| Tipo Type Type | Potenza Rated power Leistung | Velocità Speed Drehzahl | Rendimento Efficiency Wirkungsgrad | Fattore di potenza Power factor Leistungsfaktor | Corrente Rated current Strom | Corrente di spunto Starting current Anlassstrom | Coppia di spunto Starting torque Anlaufdrehmoment | Coppia massima Maximum torque Max. Drehmoment | Peso Weight Gewicht |
|---|---|---|---|---|---|---|---|---|---|
| | kW | R.P.M. | rend % | cosfi | A (380 V) | Ia/In | Ca/cN | Cm/Cn | kg |
| C132S-4 | 5,5 | 1440 | 85,5 | 0,84 | 11,6 | 7 | 2,2 | 2,3 | 68 |
| C132M-4 | 7,5 | 1440 | 87 | 0,85 | 15,4 | 7 | 2,2 | 2,3 | 79 |
| C160M-4 | 11 | 1450 | 88 | 0,84 | 22,6 | 7 | 2,2 | 2,3 | 122 |
| C160L-4 | 15 | 1460 | 88,5 | 0,85 | 30,3 | 7 | 2,2 | 2,3 | 142 |
| C180M-4 | 18,5 | 1470 | 91 | 0,86 | 35,9 | 7 | 2 | 2,2 | 174 |
| C180L-4 | 22 | 1470 | 91,5 | 0,86 | 42,5 | 7 | 2 | 2,2 | 192 |
| C200L-4 | 30 | 1470 | 92,2 | 0,87 | 56,8 | 7 | 2 | 2,2 | 253 |
| C225S-4 | 37 | 1480 | 91,8 | 0,87 | 70,4 | 7 | 1,9 | 2,2 | 294 |
| C225M-4 | 45 | 1480 | 92,3 | 0,88 | 84,2 | 7 | 1,9 | 2,2 | 327 |
| C250M-4 | 55 | 1480 | 92,6 | 0,88 | 103 | 7 | 2 | 2,2 | 381 |
| C280S-4 | 75 | 1480 | 92,7 | 0,88 | 140 | 7 | 1,9 | 2,2 | 535 |
| C280M-4 | 90 | 1480 | 93,5 | 0,89 | 164 | 7 | 1,9 | 2,2 | 634 |
| C315S-4 | 110 | 1480 | 93,5 | 0,89 | 201 | 6,8 | 1,8 | 2,2 | 912 |
| C315M-4 | 132 | 1480 | 94 | 0,89 | 240 | 6,8 | 1,8 | 2,2 | 1048 |
| C315L1-4 | 160 | 1480 | 94,5 | 0,89 | 289 | 6,8 | 1,8 | 2,2 | 1105 |
| C315L2-4 | 200 | 1480 | 94,5 | 0,89 | 361 | 6,8 | 1,8 | 2,2 | 1260 |



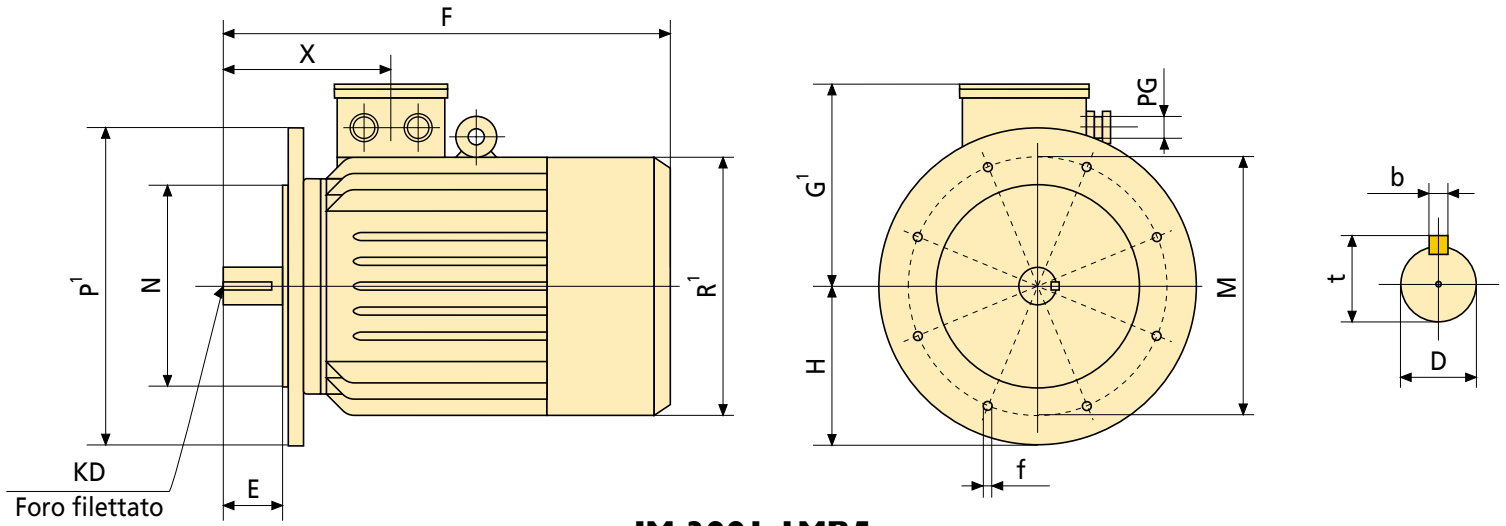

IM 1001,IMB3

| Tipo | A | B | C | E | F | H | K | I | L | P | R | S | R1 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **132S** | 216 | 140 | 89 | 80 | 475 | 132 | 12 | 210 | 280 | 63 | 267 | 20 | 270 | 300 |
| **132M** | 216 | 178 | 89 | 80 | 515 | 132 | 12 | 243 | 280 | 63 | 267 | 20 | 270 | 300 |
| **160M** | 254 | 210 | 108 | 110 | 600 | 160 | 15 | 280 | 330 | 73 | 323 | 22 | 325 | 350 |
| **160L** | 254 | 254 | 108 | 110 | 645 | 160 | 15 | 326 | 330 | 73 | 323 | 22 | 325 | 350 |
| **180M** | 279 | 241 | 121 | 110 | 670 | 180 | 15 | 322 | 355 | 73 | 360 | 24 | 360 | 350 |
| **180L** | 279 | 279 | 121 | 110 | 710 | 180 | 15 | 360 | 355 | 73 | 360 | 24 | 360 | 350 |
| **200L** | 318 | 305 | 133 | 110 | 775 | 200 | 19 | 388 | 395 | 73 | 400 | 27 | 400 | 400 |
| **225S** | 356 | 286 | 149 | 140 | 820 | 225 | 19 | 382 | 435 | 83 | 450 | 30 | 450 | 450 |
| **225M** | 356 | 311 | 149 | 140 | 845 | 225 | 19 | 407 | 435 | 83 | 450 | 30 | 450 | 450 |
| **250M** | 406 | 349 | 168 | 140 | 930 | 250 | 24 | 468 | 490 | 88 | 498 | 33 | 495 | 550 |
| **280S** | 457 | 368 | 190 | 140 | 1000 | 280 | 24 | 535 | 550 | 93 | 558 | 38 | 555 | 550 |
| **280M** | 457 | 419 | 190 | 140 | 1050 | 280 | 24 | 586 | 550 | 93 | 558 | 38 | 555 | 550 |
| **315S** | 508 | 406 | 216 | 170 | 1185 | 315 | 28 | 615 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315M** | 508 | 457 | 216 | 170 | 1240 | 315 | 28 | 665 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315L1** | 508 | 508 | 216 | 170 | 1325 | 315 | 28 | 745 | 640 | 125 | 638 | 48 | 645 | 660 |
| **315L2** | 508 | 508 | 216 | 170 | 1325 | 315 | 28 | 745 | 640 | 125 | 638 | 48 | 645 | 660 |

| Tipo | G1 | X | N | f | M | PG x 2 | KD | D | t | b* |
|---|---|---|---|---|---|---|---|---|---|---|
| **132S** | 210 | 174 | 230 j6 | 15 | 265 | 21 | M12 | 38 | 41 | 10x8 |
| **132M** | 210 | 174 | 230 j6 | 15 | 265 | 21 | M12 | 38 | 41 | 10x8 |
| **160M** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **160L** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **180M** | 285 | 253 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 51,5 | 14x9 |
| **180L** | 285 | 253 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 51,5 | 14x9 |
| **200L** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16x10 |
| **225S** | 345 | 313 | 350 h6 | 19 | 400 | 36 | M20 | 60 | 64 | 18x11 |
| **225M** | 345 | 313 | 350 h6 | 19 | 400 | 36 | M20 | 60 | 64 | 18x11 |
| **250M** | 385 | 354 | 450 h6 | 19 | 500 | 36 | M20 | 65 | 69 | 18x11 |
| **280S** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 75 | 79,5 | 20x12 |
| **280M** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 75 | 79,5 | 20x12 |
| **315S** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315M** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L1** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L2** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |

**Cuscinetto - Bearing - Lager**

| | Ant. | Post. |
|---|---|---|
| 132 | 6308-2Z | 6308-2Z |
| 132 | 6308-2Z | 6308-2Z |
| 160 | 6309-2Z | 6309-2Z |
| 160 | 6309-2Z | 6309-2Z |
| 180 | 6311-2Z | 6311-2Z |
| 180 | 6311-2Z | 6311-2Z |
| 200 | 6312-2Z | 6312-2Z |
| 225 | 6312-2Z | 6312-2Z |
| 225 | 6312-2Z | 6312-2Z |
| 250 | 6314-2Z | 6314-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |




**IM 3001, IMB5**

## MOTORI ASINCRONI TRIFASI SERIE GHISA

### 6 POLI -1000 giri -50Hz

con rotore a gabbia
costruzione chiusa
ventilazione esterna

## ASYNCHRONOUS THREE-PHASE MOTORS CAST IRON LINE

### 6 POLES -1000 RPM -50 HZ

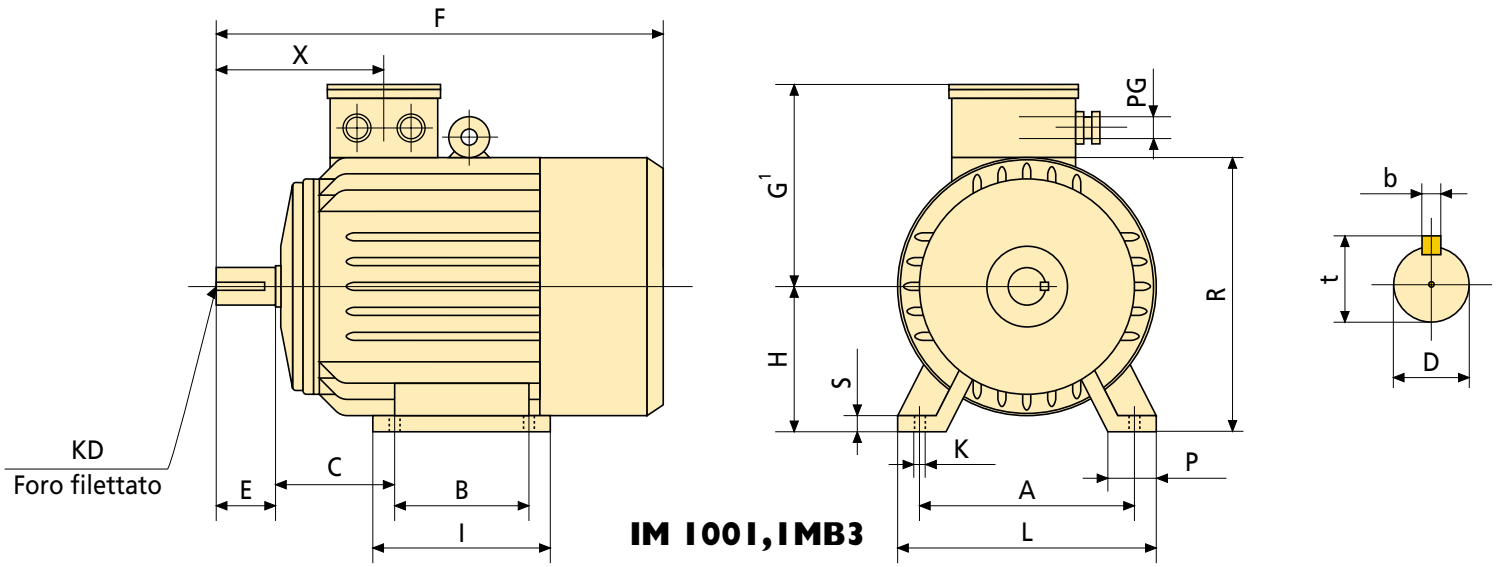
with squirrel cage rotor
enclosed construction
external ventilation

## DREHSTROM-ASYNCHRONMOTOREN GRAUGUSS SERIE

### 6 POLIG -1000 U/MIN -50 HZ

mit Käfigläufer
geschlossene Ausführung
oberflächenkühlung

| Tipo Type Type | Potenza Rated power Leistung | Velocità Speed Drehzahl | Rendimento Efficiency Wirkungsgrad | Fattore di potenza Power factor Leistungsfaktor | Corrente Rated current Strom | Corrente di spunto Starting current Anlassstrom | Coppia di spunto Starting torque Anlaufdrehmoment | Coppia massima Maximum torque Max. Drehmoment | Peso Weight Gewicht |
|---|---|---|---|---|---|---|---|---|---|
| | kW | R.P.M. | rend % | cosfi | A (380 V) | Ia/In | Ca/cN | Cm/Cn | kg |
| C132M2-6 | 5,5 | 960 | 85,5 | 0,78 | 12,6 | 6,5 | 2 | 2,2 | 85 |
| C160M-6 | 7,5 | 970 | 86 | 0,78 | 17 | 6,5 | 2 | 2 | 116 |
| C160L-6 | 11 | 970 | 87 | 0,78 | 24,6 | 6,5 | 2 | 2 | 139 |
| C180L-6 | 15 | 970 | 89,5 | 0,81 | 31,4 | 6,5 | 1,8 | 2 | 182 |
| C200L1-6 | 18,5 | 970 | 89,8 | 0,83 | 37,2 | 6,5 | 1,8 | 2 | 228 |
| C200L2-6 | 22 | 970 | 90,2 | 0,83 | 44,6 | 6,5 | 1,8 | 2 | 246 |
| C225M-6 | 30 | 980 | 90,2 | 0,85 | 59,5 | 6,5 | 1,7 | 2 | 294 |
| C250M-6 | 37 | 980 | 90,8 | 0,86 | 72 | 6,5 | 1,8 | 2 | 395 |
| C280S-6 | 45 | 980 | 92 | 0,87 | 85,4 | 6,5 | 1,8 | 2 | 505 |
| C280M-6 | 55 | 980 | 92 | 0,87 | 104 | 6,5 | 1,8 | 2 | 566 |
| C315S-6 | 75 | 980 | 92,8 | 0,87 | 141 | 6,5 | 1,6 | 2 | 850 |
| C315M-6 | 90 | 980 | 93,2 | 0,87 | 169 | 6,5 | 1,6 | 2 | 965 |
| C315L1-6 | 110 | 980 | 93,5 | 0,87 | 206 | 6,5 | 1,6 | 2 | 1028 |
| C315L2-6 | 132 | 980 | 93,8 | 0,87 | 246 | 6,5 | 1,6 | 2 | 1195 |
| C355M1-6 | 160 | 990 | 94,1 | 0,86 | 300 | 6,7 | 1,8 | 2 | 1590 |
| C355M3-6 | 200 | 990 | 94,3 | 0,86 | 347 | 6,7 | 1,3 | 2 | 1665 |



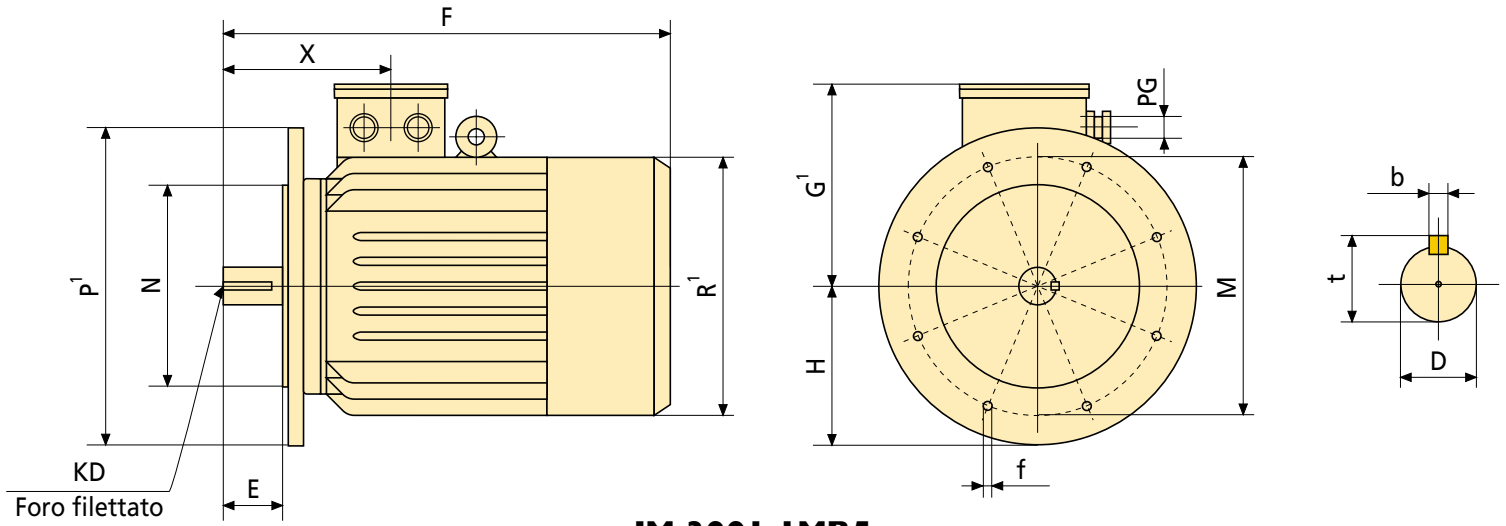

IM 1001,IMB3

| Tipo | A | B | C | E | F | H | K | I | L | P | R | S | R1 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **132M2** | 216 | 178 | 89 | 80 | 515 | 132 | 12 | 243 | 280 | 63 | 267 | 20 | 270 | 300 |
| **160M** | 254 | 210 | 108 | 110 | 600 | 160 | 15 | 280 | 330 | 73 | 323 | 22 | 325 | 350 |
| **160L** | 254 | 254 | 108 | 110 | 645 | 160 | 15 | 326 | 330 | 73 | 323 | 22 | 325 | 350 |
| **180L** | 279 | 279 | 121 | 110 | 710 | 180 | 15 | 360 | 355 | 73 | 360 | 24 | 360 | 350 |
| **200L1** | 318 | 305 | 133 | 110 | 775 | 200 | 19 | 388 | 395 | 73 | 400 | 27 | 400 | 400 |
| **200L2** | 318 | 305 | 133 | 110 | 775 | 200 | 19 | 388 | 395 | 73 | 400 | 27 | 400 | 400 |
| **225M** | 356 | 286 | 149 | 140 | 820 | 225 | 19 | 382 | 435 | 83 | 450 | 30 | 450 | 450 |
| **250M** | 406 | 349 | 168 | 140 | 930 | 250 | 24 | 468 | 490 | 88 | 498 | 33 | 495 | 550 |
| **280S** | 457 | 368 | 190 | 140 | 1000 | 280 | 24 | 535 | 550 | 93 | 558 | 38 | 555 | 550 |
| **280M** | 457 | 419 | 190 | 140 | 1050 | 280 | 24 | 586 | 550 | 93 | 558 | 38 | 555 | 550 |
| **315S** | 508 | 406 | 216 | 170 | 1185 | 315 | 28 | 615 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315M** | 508 | 457 | 216 | 170 | 1240 | 315 | 28 | 665 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315L1** | 508 | 508 | 216 | 170 | 1240 | 315 | 28 | 745 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315L2** | 508 | 508 | 216 | 170 | 1325 | 315 | 28 | 745 | 640 | 120 | 638 | 45 | 645 | 660 |
| **355M1** | 610 | 560 | 254 | 170 | 1570 | 355 | 28 | 750 | 740 | 120 | 730 | 52 | 750 | 800 |
| **355M3** | 610 | 630 | 254 | 170 | 1570 | 355 | 28 | 750 | 740 | 120 | 730 | 52 | 750 | 800 |

| Tipo | G1 | X | N | f | M | PG x 2 | KD | D | t | b |
|---|---|---|---|---|---|---|---|---|---|---|
| **132M2** | 210 | 174 | 230 j6 | 15 | 265 | 21 | M12 | 38 | 41 | 10x8 |
| **160M** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **160L** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **180L** | 285 | 253 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 51,5 | 14x9 |
| **200L1** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16x10 |
| **200L2** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16X10 |
| **225M** | 345 | 313 | 350 h6 | 19 | 400 | 36 | M20 | 60 | 64 | 18x11 |
| **250M** | 385 | 354 | 450 h6 | 19 | 500 | 36 | M20 | 65 | 69 | 18x11 |
| **280S** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 75 | 79,5 | 20x12 |
| **280M** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 80 | 79,5 | 20x12 |
| **315S** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315M** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L1** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L2** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **355M1** | 680 | 560 | 680 h6 | 24 | 740 | 48 | M20 | 95 | 100 | 25x14 |
| **355M3** | 680 | 560 | 680 h6 | 24 | 740 | 48 | M20 | 95 | 100 | 25x14 |

**Cuscinetto - Bearing - Lager**

| | Ant. | Post. |
|---|---|---|
| 132 | 6308-2Z | 6308-2Z |
| 160 | 6309-2Z | 6309-2Z |
| 160 | 6309-2Z | 6309-2Z |
| 180 | 6311-2Z | 6311-2Z |
| 200 | 6312-2Z | 6312-2Z |
| 200 | 6312-2Z | 6312-2Z |
| 225 | 6313-2Z | 6313-2Z |
| 250 | 6314-2Z | 6314-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 355 | NU322 | 6322 |
| 355 | NU322 | 6322 |




**IM 3001, IMB5**

## MOTORI ASINCRONI TRIFASI SERIE GHISA

### 8 POLI -750 giri -50Hz

con rotore a gabbia
costruzione chiusa
ventilazione esterna

## ASYNCHRONOUS THREE-PHASE MOTORS CAST IRON LINE

### 8 POLES -750 RPM -50 HZ

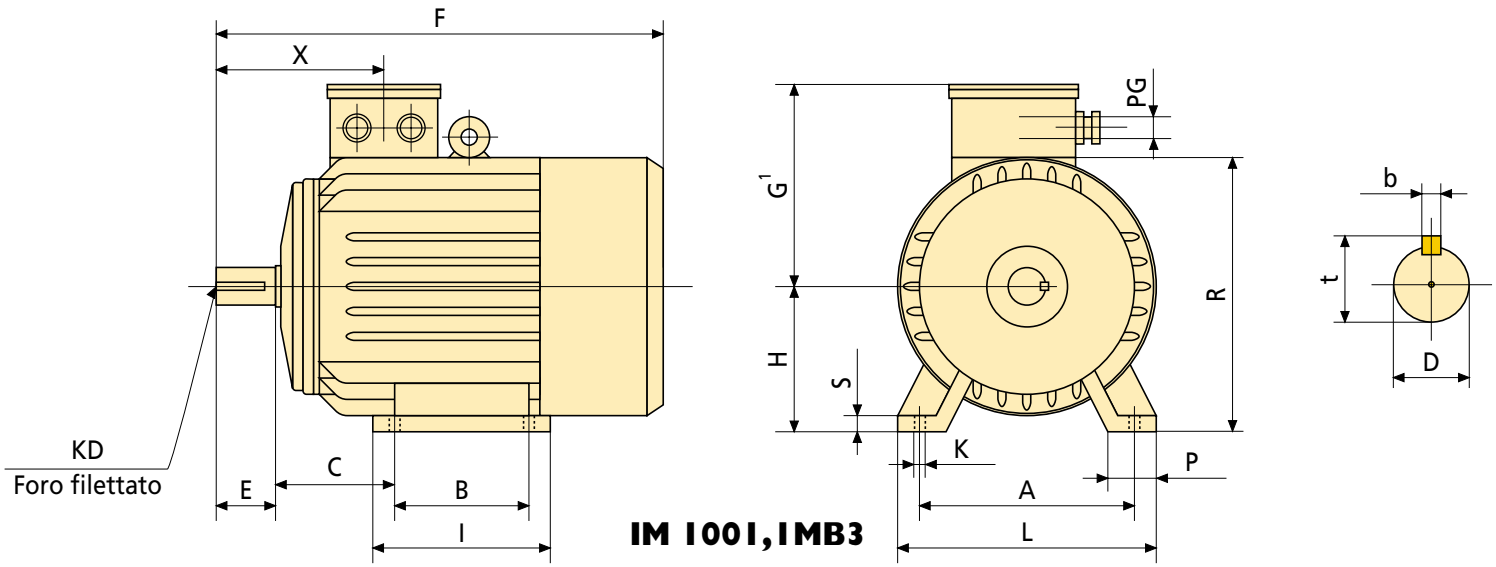
with squirrel cage rotor
enclosed construction
external ventilation

## DREHSTROM-ASYNCHRONMOTOREN GRAUGUSS SERIE

### 8 POLIG -750 U/MIN -50 HZ

mit Käfigläufer
geschlossene Ausführung
oberflächenkühlung

| Tipo Type Type | Potenza Rated power Leistung | Velocità Speed Drehzahl | Rendimento Efficiency Wirkungsgrad | Fattore di potenza Power factor Leistungsfaktor | Corrente Rated current Strom | Corrente di spunto Starting current Anlassstrom | Coppia di spunto Starting torque Anlaufdrehmoment | Coppia massima Maximum torque Max. Drehmoment | Peso Weight Gewicht |
|---|---|---|---|---|---|---|---|---|---|
| | kW | R.P.M. | rend % | cosfi | A (380 V) | Ia/In | Ca/cN | Cm/Cn | kg |
| C160M2-8 | 5,5 | 720 | 85 | 0,74 | 13,3 | 6 | 2 | 2 | 115 |
| C160L-8 | 7,5 | 720 | 86 | 0,75 | 17,7 | 5,5 | 2 | 2 | 140 |
| C180L-8 | 11 | 730 | 87,5 | 0,77 | 24,8 | 6 | 1,7 | 2 | 180 |
| C200L-8 | 15 | 730 | 87,5 | 0,77 | 34,1 | 6 | 1,8 | 2 | 228 |
| C225S-8 | 18,5 | 730 | 89,5 | 0,76 | 41,3 | 6 | 1,7 | 2 | 265 |
| C225M-8 | 22 | 730 | 90 | 0,78 | 47,6 | 6 | 1,8 | 2 | 296 |
| C250M-8 | 30 | 730 | 90,5 | 0,8 | 63 | 6 | 1,8 | 2 | 391 |
| C280S-8 | 37 | 740 | 91 | 0,79 | 78,2 | 6 | 1,8 | 2 | 500 |
| C280M-8 | 45 | 740 | 91,7 | 0,8 | 93,2 | 6 | 1,8 | 2 | 562 |
| C315S-8 | 55 | 740 | 92 | 0,8 | 114 | 6,5 | 1,6 | 2 | 875 |
| C315M-8 | 75 | 740 | 92,5 | 0,81 | 152 | 6,5 | 1,6 | 2 | 1008 |
| C315L1-8 | 90 | 740 | 93 | 0,82 | 179 | 6,5 | 1,6 | 2 | 1065 |
| C315L2-8 | 110 | 740 | 93,3 | 0,82 | 218 | 6,5 | 1,6 | 2 | 1195 |
| C355M2-8 | 132 | 740 | 93,8 | 0,81 | 264 | 6,3 | 1,3 | 2 | 1674 |
| C355M3-8 | 160 | 740 | 94 | 0,81 | 319 | 6,3 | 1,3 | 2 | 1730 |
| C355L-8 | 200 | 743 | 94,3 | 0,81 | 398 | 6,3 | 1,3 | 2 | 1905 |



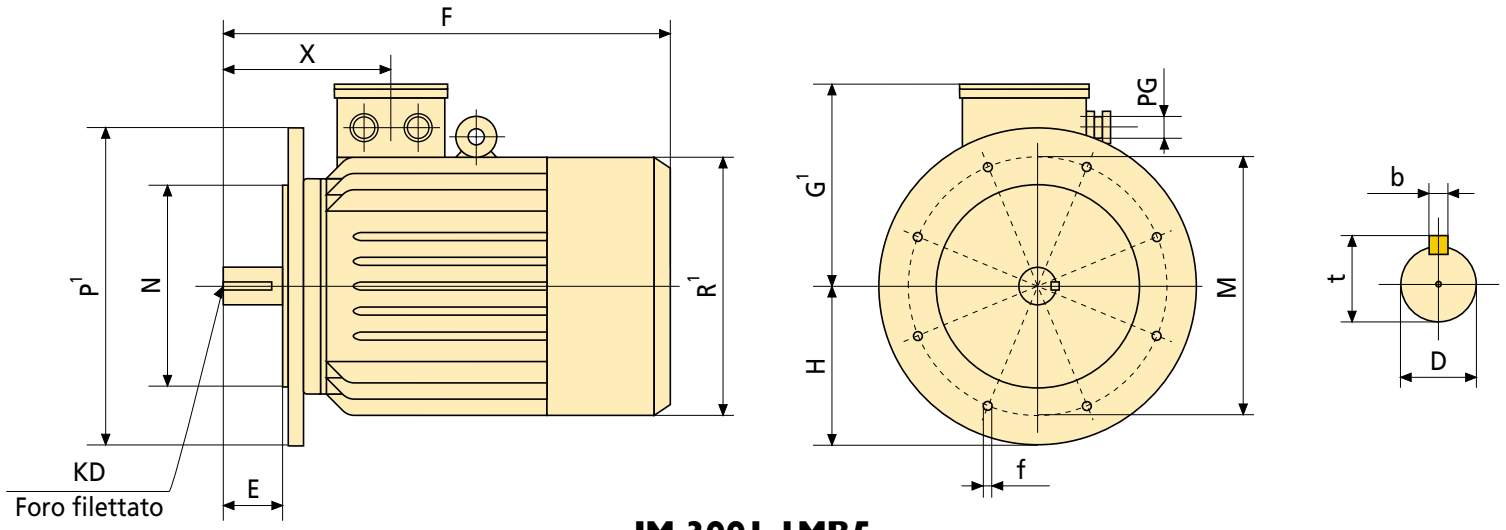

IM 1001,IMB3

| Tipo | A | B | C | E | F | H | K | I | L | P | R | S | R1 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **160M2** | 254 | 210 | 108 | 110 | 600 | 160 | 15 | 280 | 330 | 73 | 323 | 22 | 325 | 350 |
| **160L** | 254 | 254 | 108 | 110 | 645 | 160 | 15 | 326 | 330 | 73 | 323 | 22 | 325 | 350 |
| **180L** | 279 | 279 | 121 | 110 | 710 | 180 | 15 | 360 | 355 | 73 | 360 | 24 | 360 | 350 |
| **200L** | 318 | 305 | 133 | 110 | 775 | 200 | 19 | 388 | 395 | 73 | 400 | 27 | 400 | 400 |
| **225S** | 356 | 286 | 149 | 140 | 820 | 225 | 19 | 382 | 435 | 83 | 450 | 30 | 450 | 450 |
| **225M** | 356 | 311 | 149 | 140 | 845 | 225 | 19 | 407 | 435 | 83 | 450 | 30 | 450 | 450 |
| **250M** | 406 | 349 | 168 | 140 | 930 | 250 | 24 | 468 | 490 | 88 | 498 | 32 | 495 | 550 |
| **280S** | 457 | 368 | 190 | 140 | 1000 | 280 | 24 | 535 | 550 | 90 | 558 | 38 | 555 | 550 |
| **280M** | 457 | 419 | 190 | 140 | 1050 | 280 | 24 | 586 | 550 | 93 | 558 | 38 | 555 | 550 |
| **315S** | 508 | 406 | 216 | 170 | 1185 | 315 | 28 | 615 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315M** | 508 | 457 | 216 | 170 | 1240 | 315 | 28 | 665 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315L1** | 508 | 508 | 216 | 170 | 1325 | 315 | 28 | 745 | 640 | 120 | 638 | 45 | 645 | 660 |
| **315L2** | 508 | 508 | 216 | 170 | 1325 | 315 | 28 | 745 | 640 | 120 | 638 | 45 | 645 | 660 |
| **355M2** | 610 | 560 | 254 | 170 | 1570 | 355 | 28 | 750 | 740 | 120 | 730 | 52 | 750 | 800 |
| **355M3** | 610 | 630 | 254 | 170 | 1570 | 355 | 28 | 750 | 740 | 120 | 730 | 52 | 750 | 800 |
| **355L** | 610 | 630 | 254 | 170 | 1570 | 355 | 28 | 750 | 740 | 120 | 730 | 52 | 750 | 800 |

| Tipo | G1 | X | N | f | M | PG x 2 | KD | D | t | b |
|---|---|---|---|---|---|---|---|---|---|---|
| **160M2** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **160L** | 255 | 242 | 250 h6 | 19 | 300 | 29 | M16 | 42 | 45 | 12x8 |
| **180L** | 285 | 253 | 250 h6 | 19 | 300 | 29 | M16 | 48 | 51,5 | 14x9 |
| **200L** | 310 | 273 | 300 h6 | 19 | 350 | 36 | M20 | 55 | 59 | 16x10 |
| **225S** | 345 | 313 | 350 h6 | 19 | 400 | 36 | M20 | 60 | 64 | 18x11 |
| **225M** | 345 | 313 | 350 h6 | 19 | 400 | 36 | M20 | 60 | 64 | 18x11 |
| **250M** | 385 | 354 | 450 h6 | 19 | 500 | 36 | M20 | 65 | 69 | 18x11 |
| **280S** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 75 | 79,5 | 20x12 |
| **280M** | 410 | 352 | 450 h6 | 19 | 500 | 42 | M20 | 75 | 79,5 | 20x12 |
| **315S** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315M** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L1** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **315L2** | 550 | 460 | 550 h6 | 24 | 600 | 48 | M20 | 80 | 85 | 22x14 |
| **355M2** | 680 | 560 | 680 h6 | 24 | 740 | 48 | M20 | 95 | 100 | 25x14 |
| **355M3** | 680 | 560 | 680 h6 | 24 | 740 | 48 | M20 | 95 | 100 | 25x14 |
| **355L** | 680 | 560 | 680 h6 | 24 | 740 | 48 | M20 | 95 | 100 | 25x14 |

**Cuscinetto - Bearing - Lager**

| | Ant. | Post. |
|---|---|---|
| 160 | 6309-2Z | 6309-2Z |
| 160 | 6309-2Z | 6309-2Z |
| 180 | 6311-2Z | 6311-2Z |
| 200 | 6312-2Z | 6312-2Z |
| 225 | 6313-2Z | 6313-2Z |
| 225 | 6313-2Z | 6313-2Z |
| 250 | 6314-2Z | 6314-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 280 | 6317-2Z | 6317-2Z |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 315 | 6319 | 6319 |
| 355 | NU322 | 6322 |
| 355 | NU322 | 6322 |
| 355 | NU322 | 6322 |




**IM 3001, IMB5**

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