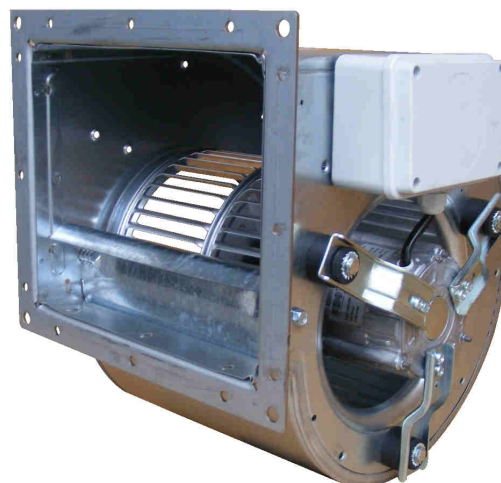


# Centrifugal blowers

## Direct driven



### Ventilatori Centrifughi

#### MOTORE :

4 o 6 poli a condensatore a  
1 o 3 velocità, mono o trifase

#### CARCASSA :

Coperchi in alluminio pressofuso  
Coclea in lamiera zincata

#### VENTOLA :

Fe.Zn a doppia aspirazione.

#### CONNESSIONE

Scatola di connessione, IP65,  
nr.1 PG9

#### VOLTAGGI :

230V-50Hz. o  
3 x 400V-50Hz

#### PROTEZIONE : IP55

#### ISOLAMENTO : " F "

#### TEMPERATURA DI UTILIZZO :

da -30° C a + 40° C

#### FUNZIONALITA' : ( S1 )

Continua in tutte le posizioni

#### MARCATURA : CE

in accordo a EN 60335.1  
Bassa Tensione 2014/35/UE  
Direttiva Macchine 2006/42/CE  
EMC 2014/30/UE  
RoHS3 2015/863

### Centrifugal blowers

#### MOTOR :

4 or 6 pole PSC, 1 or 3 speeds  
single or threephase

#### HOUSING :

Die-casting aluminium body,  
galvanized steel scrolls.

#### IMPELLER :

Fe.Zn, double inlet.

#### MAINS CONNECTION

Connection box, IP65  
nr.1 PG9

#### VOLTAGE RANGE :

230V-50Hz. or  
3 x 400V-50Hz

#### PROTECTION : IP55

#### INSULATION : " F "

#### OPERATING TEMPERATURE :

From -30° C to + 40° C

#### OPERATION : ( S1 )

Continuous in all positions

#### MARKED : CE

according to EN 60335.1  
2014/35/UE Low Voltage  
2006/42/CE Machine Directive  
EMC 2014/30/UE  
RoHS3 2015/863

### Ventilateurs centrifuges

#### MOTEUR :

4 et 6 pôles à condensateur et  
1 ou 3 vitesses, mono ou triphasé

#### CARCASSE :

Pressofusion d' aluminium  
volutes en acier galvanisé.

#### TURBINE :

Fe.Zn, à double aspiration

#### CONNECTION :

Boite de connection, IP65  
avec 1 x PG9

#### VOLTAGE :

230V-50Hz. or  
3ph x 400V-50Hz

#### PROTECTION : IP55

#### ISOLATION : " F "

#### TEMPERATURE D'EXERCICE

de -30° C à + 40° C

#### TRAVAIL : ( S1 )

Continu en toute position

#### MARQUAGE : CE

en accord avec EN 60335.1  
2014/35/UE Basse Tension  
2006/42/CE Machine Directive  
EMC 2014/30/UE  
RoHS3 2015/863

### Radialgebläse

#### MOTOR :

4 und 6 polige, 1 oder 3 Drehzahl  
Einphasen oder Drehstrommotoren

#### VENTILATORGEHAUSE :

Druckguß Wandring Aluminium  
Spiralgehäuse aus sendzimierv-  
zinktem Stahlblech

#### LÜFTERRÄD :

aus Eisern, doppelseitig Saugend

#### NETZANSCHLUß :

Klemmkasten, IP65  
mit 1 x PG9

#### SPANNUNG :

230V-50Hz oder  
3ph x 400V-50Hz

#### SCHUTZART: IP55

#### ISOLATIONSKLASSE: " F "

#### TEMPERATUR BEREICH :

Von - 30°C bis + 40°C

#### BETRIEBSART : (S1)

Fortdauernd in den allen Lagen

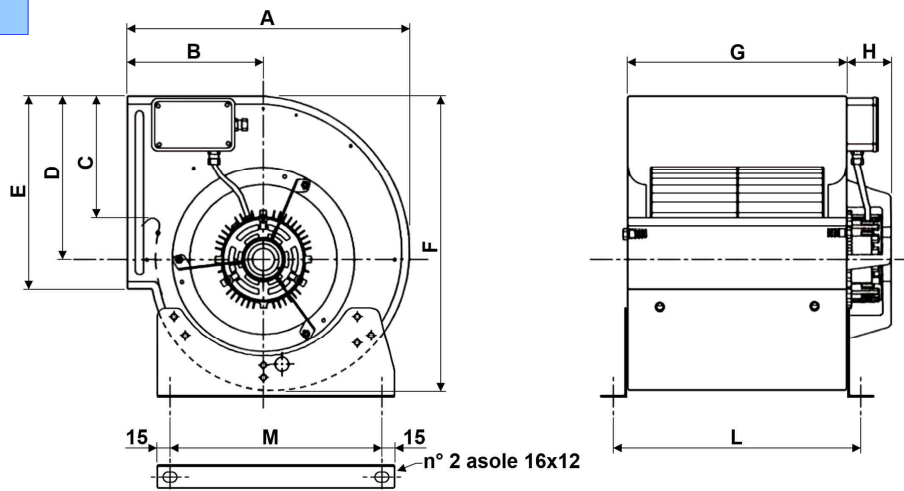
#### ZULASSUNGEN : CE

Abkommen mit EN 60335.1  
2014/35UE  
2006/42/CE  
EMC 2014/30/UE  
RoHS3 2015/863

# Centrifugal blowers

**Direct driven 7/7 ÷ 12/12**

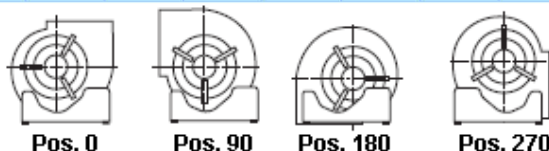
## Serie OM..



Serie OM ... : 230V - 50/60Hz. o 400V 3PH - 50Hz, marcati  , cl. B, conformi IEC/EN.60335-1

| CODE          | Size  | Lable data |      |                  |      | Dimensions |     |     |     |     |     |     |    |     |     |
|---------------|-------|------------|------|------------------|------|------------|-----|-----|-----|-----|-----|-----|----|-----|-----|
|               |       | V.         | HP   | W <sub>out</sub> | RPM  | A          | B   | C   | D   | E   | F   | G   | H  | L*  | M*  |
| OM 77M6A5.001 | 7/7   | 230        | 1/10 | 75               | 850  | 320        | 160 | 140 | 190 | 204 | 327 | 230 | 60 | 258 | 225 |
| OM 97M6C5.001 | 9/7   | 230        | 1/5  | 149              | 850  |            |     |     |     |     |     | 230 | 70 | 258 | 300 |
| OM99M6C5.001  | 9/9   | 230        | 1/5  | 149              | 850  | 380        | 185 | 165 | 216 | 263 | 390 | 300 | 70 | 328 | 300 |
| OM99M6D5.001  | 9/9   | 230        | 1/3  | 249              | 900  |            |     |     |     |     |     | 300 | 70 | 328 | 300 |
| OM108M6F5.001 | 10/8  | 230        | 4/7  | 420              | 920  | 430        | 207 | 180 | 245 | 291 | 444 | 265 | 70 | 293 | 342 |
| OM1010M6D5.01 | 10/10 | 230        | 1/3  | 249              | 930  |            |     |     |     |     |     |     |    |     |     |
| OM1010M6F5.01 | 10/10 | 230        | 4/7  | 420              | 890  | 430        | 207 | 180 | 245 | 291 | 444 | 330 | 90 | 358 | 342 |
| OM1010M6H5.01 | 10/10 | 230        | 3/4  | 560              | 860  |            |     |     |     |     |     |     |    |     |     |
| OM129M6K5.001 | 12/9  | 230        | 1    | 746              | 940  | 500        | 240 | 210 | 290 | 345 | 522 | 310 | 90 | 338 | 408 |
| OM1212M6H5.01 | 12/12 | 230        | 3/4  | 560              | 860  |            |     |     |     |     |     |     |    |     |     |
| OM1212M6K5.01 | 12/12 | 230        | 1    | 746              | 860  | 500        | 240 | 210 | 290 | 345 | 522 | 395 | 95 | 423 | 408 |
| OM1212M6M5.01 | 12/12 | 230        | 1,5  | 1119             | 860  |            |     |     |     |     |     |     |    |     |     |
| OM1212T4M5001 | 12/12 | 400 3PH    | 2    | 1500             | 1300 |            |     |     |     |     |     |     |    |     |     |
| OM1515T6P5001 | 15/15 | 400 3PH    | 3    | 2200             | 920  | 577        | 275 | 245 | 345 | 407 | 618 | 474 | 55 | 502 | 495 |
| OM77M4C5.001  | 7/7   | 230        | 1/5  | 149              | 1300 | 320        | 160 | 140 | 190 | 204 | 327 | 230 | 60 | 258 | 225 |
| OM99M4F5.001  | 9/9   | 230        | 4/7  | 420              | 1350 | 380        | 160 | 165 | 216 | 263 | 327 | 230 | 70 | 328 | 300 |
| OM99M4H5.001  | 9/9   | 230        | 3/4  | 560              | 1350 | 380        | 160 | 165 | 216 | 263 | 327 | 230 | 70 | 328 | 300 |
| OM1010M4H5.01 | 10/10 | 230        | 3/4  | 560              | 1350 | 430        | 207 | 180 | 245 | 291 | 444 | 330 | 75 | 358 | 342 |

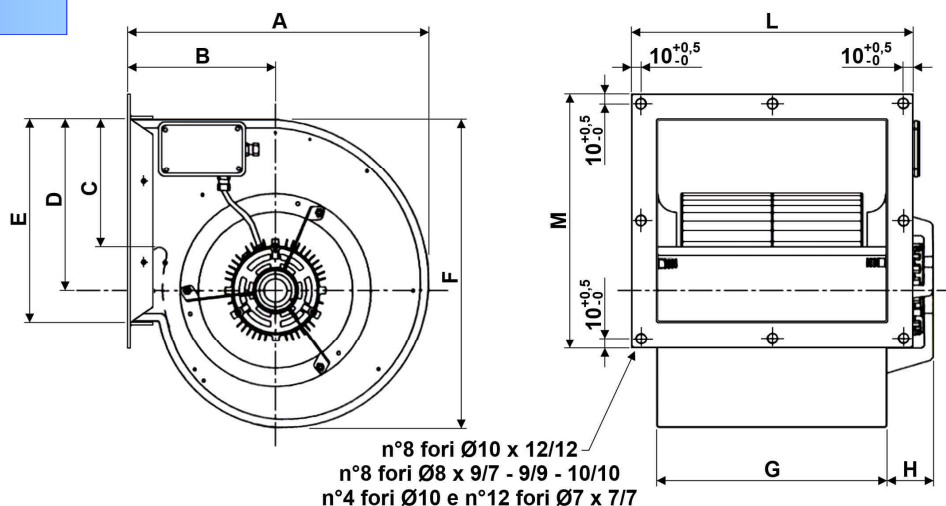
\* gruppi con supporti e viti forniti su richiesta



# Centrifugal blowers

## Direct driven 7/7 ÷ 12/12 with flange

### Serie OMF..



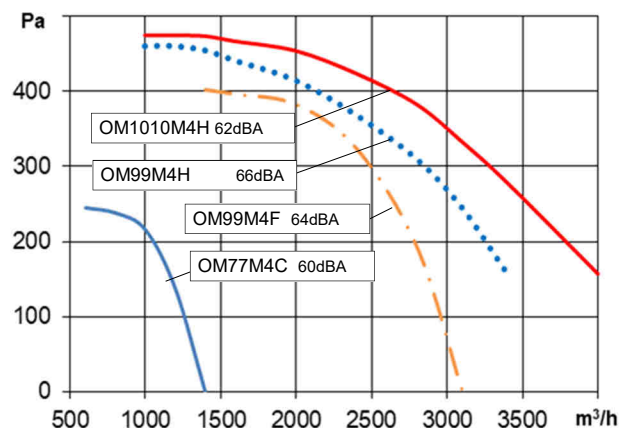
Serie OMF ... : 230V - 50/60Hz. o 400V 3PH - 50Hz, marcati , cl. B, conformi IEC/EN.60335-1

| CODE          | Size  | Lable data |      |                  |      | Dimensions |     |     |     |     |     |     |    |      |      |
|---------------|-------|------------|------|------------------|------|------------|-----|-----|-----|-----|-----|-----|----|------|------|
|               |       | V.         | HP   | W <sub>out</sub> | RPM  | A          | B   | C   | D   | E   | F   | G   | H  | L    | M    |
| OMF77M6A5.001 | 7/7   | 230        | 1/10 | 75               | 900  | 320        | 160 | 140 | 190 | 204 | 327 | 230 | 60 | 283  | 252  |
| OMF97M6C5.001 | 9/7   | 230        | 1/5  | 149              | 850  | 380        | 185 | 165 | 216 | 263 | 390 | 230 | 70 | 279  | 301  |
| OMF99M6C5.001 | 9/9   | 230        | 1/5  | 149              | 850  | 380        | 185 | 165 | 216 | 263 | 390 | 300 | 70 | 345  | 301  |
| OMF108M6D5.1  | 10/8  | 230        | 1/3  | 249              | 900  | 430        | 207 | 180 | 245 | 291 | 444 | 265 | 70 | 324* | 351* |
| OMF1010M6D501 | 10/10 | 230        | 1/3  | 249              | 930  | 430        | 207 | 180 | 245 | 291 | 444 | 330 | 75 | 378  | 331  |
| OMF1010M6H501 | 10/10 | 230        | 3/4  | 560              | 860  |            |     |     |     |     |     |     |    |      |      |
| OMF129M6H5.1  | 12/9  | 230        | 3/4  | 560              | 890  | 500        | 240 | 210 | 290 | 345 | 522 | 310 | 90 | 370* | 400* |
| OMF129M6K5.1  | 12/9  | 230        | 1    | 746              | 900  |            |     |     |     |     |     |     |    |      |      |
| OMF1212M6H501 | 12/12 | 230        | 3/4  | 560              | 860  | 500        | 240 | 210 | 290 | 345 | 522 | 395 | 95 | 443  | 378  |
| OMF1212M6K501 | 12/12 | 230        | 1    | 746              | 860  |            |     |     |     |     |     |     |    |      |      |
| OMF1212T6M501 | 12/12 | 400 3PH    | 1,5  | 1119             | 960  |            |     |     |     |     |     |     |    |      |      |
| OMF77M4C5.001 | 7/7   | 230        | 1/5  | 149              | 1300 | 320        | 160 | 140 | 190 | 204 | 327 | 230 | 60 | 283  | 252  |
| OMF97M4F5.001 | 9/7   | 230        | 4/7  | 420              | 1350 | 380        | 185 | 160 | 216 | 263 | 390 | 230 | 70 | 279  | 301  |
| OMF99M4F5.001 | 9/9   | 230        | 4/7  | 420              | 1350 | 380        | 185 | 165 | 216 | 263 | 390 | 300 | 70 | 345  | 301  |
| OMF99M4H5.001 | 9/9   | 230        | 3/4  | 560              | 1350 |            |     |     |     |     |     |     |    |      |      |
| OMF108M4H5.1  | 10/8  | 230        | 3/4  | 560              | 1350 | 430        | 207 | 180 | 245 | 291 | 444 | 265 | 70 | 324* | 351* |
| OMF1010M4H501 | 10/10 | 230        | 3/4  | 560              | 1350 | 430        | 207 | 180 | 245 | 291 | 444 | 330 | 75 | 378  | 331  |

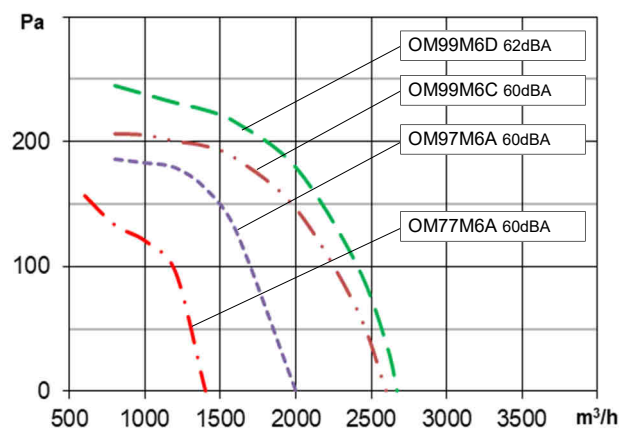
# Performances curves

## *direct driven centrifugal blowers*

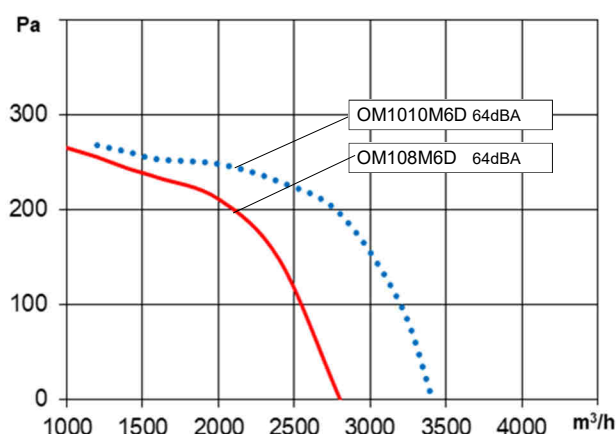
**OM..7-9-10 ..M4 ... , 50Hz**



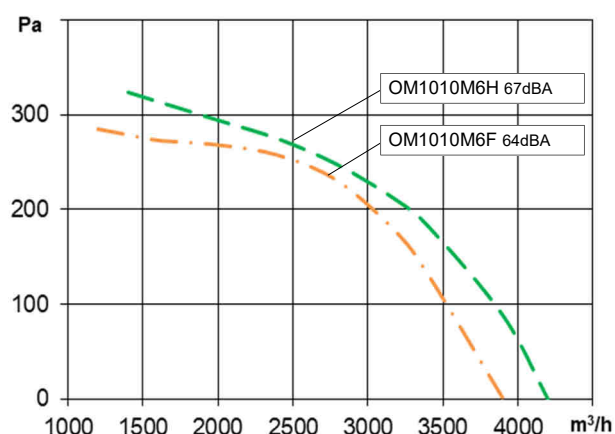
**OM..7-9 ..M6 ... , 50Hz**



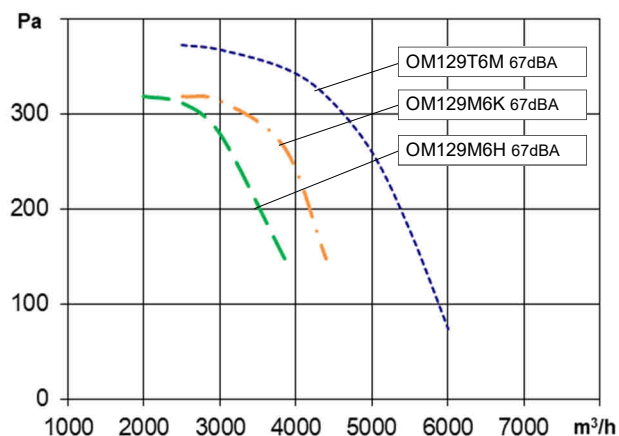
**OM 108-1010 ..M6D.., 50Hz**



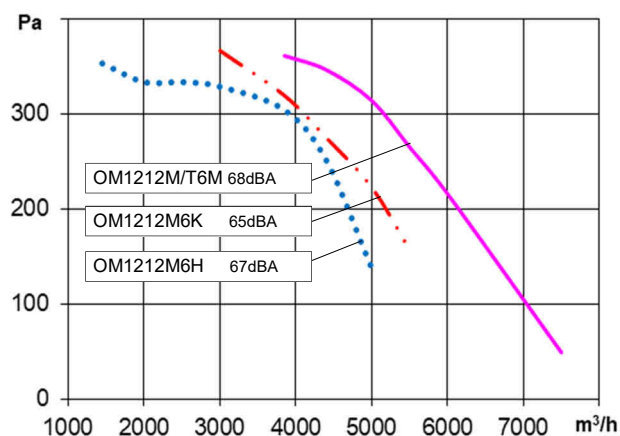
**OM 1010 M6H-F.. , 50Hz**



**OM 129 ..6M-K-H.. , 50Hz**



**OM 1212 ..6M-K-H.. , 50Hz**



# Centrifugal blowers

## *Belt driven*



### Ventilatori Centrifughi

**VENTILATORI CENTRIFUGHI  
A DOPPIA ASPIRAZIONE  
TRASMISSIONE A CINGHIA**

**MOTORE :**  
Non compreso

**COCLEE :**  
in lamiera zincata

**VENTOLA :**  
Fe.Zn a doppia aspirazione.

**ALBERI :**  
Albero di trasmissione con  
trattamento anti corrosivo

**CUSCINETTI :**  
Cuscinetti a sfera con grasso  
permanente ed antivibranti in gomma

**TEMPERATURA DI UTILIZZO :**  
da -30° C a + 80° C

**FUNZIONALITA' : ( S1 )**  
Continua in tutte le posizioni

**MARCATURA : CE**  
in accordo a EN 60335.1  
Bassa Tensione 2014/35/UE  
Direttiva Macchine 2006/42/CE  
EMC 2014/30/UE  
RoHS3 2015/863

### Centrifugal blowers

**BELT DRIVEN  
CENTRIFUGAL BLOWERS  
DOUBLE INLET**

**MOTOR :**  
not included

**SCROLL :**  
galvanized steel.

**IMPELLER :**  
Fe.Zn, double inlet.

**SHAFT :**  
Driving shaft with  
anticorrosion treatment

**BEARING :**  
Ball bearings greased for life  
with antivibration rubber

**OPERATING TEMPERATURE :**  
From -30° C to + 80° C

**OPERATION : ( S1 )**  
Continuous in all positions

**MARKED : CE**  
according to EN 60335.1  
2014/35/UE Low Voltage  
2006/42/CE Machine Directive  
EMC 2014/30/UE  
RoHS3 2015/863

### Ventilateurs centrifuges

**VENTILATEURS CENTRIFUGUES  
A DOUBLE ASPIRATION  
TRANSMISSION PAR COURROI**

**MOTEUR :**  
non inclus

**VOLUTE :**  
en acier galvanisé.

**TURBINE :**  
Fe.Zn, à double aspiration

**ARBRE :**  
Arbre de la turbine avec  
traitement anticorrosion

**PALIER :**  
Roulements à graisse permanente  
montés sur support antivibrations

**TEMPERATURE D'EXERCICE**  
de -30° C à + 80° C

**TRAVAIL : ( S1 )**  
Continu en toute position

**MARQUAGE : CE**  
en accord avec EN 60335.1  
2014/35/UE Basse Tension  
2006/42/CE Machine Directive  
EMC 2014/30/UE  
RoHS3 2015/863

### Radialgebläse

**RADIALGEBLÄSE  
DOPPELSEITIG SAUGEND  
KEILRIEMENANTRIB**

**MOTOR :**  
nicht enthalten

**SPIRALGEHÄUSE :**  
sendzimiervverzinktem Stahlblech

**LÜFTERRÄD :**  
aus Eisen, doppelseitig Saugend

**WELLE :**  
Kraftübertragungswelle mit  
Rostschutzbehandlung

**LAGERUNG :**  
Kugellager schwingungs isoliert  
aufgehängt

**TEMPERATUR BEREICH :**  
Von -30°C bis +80°C

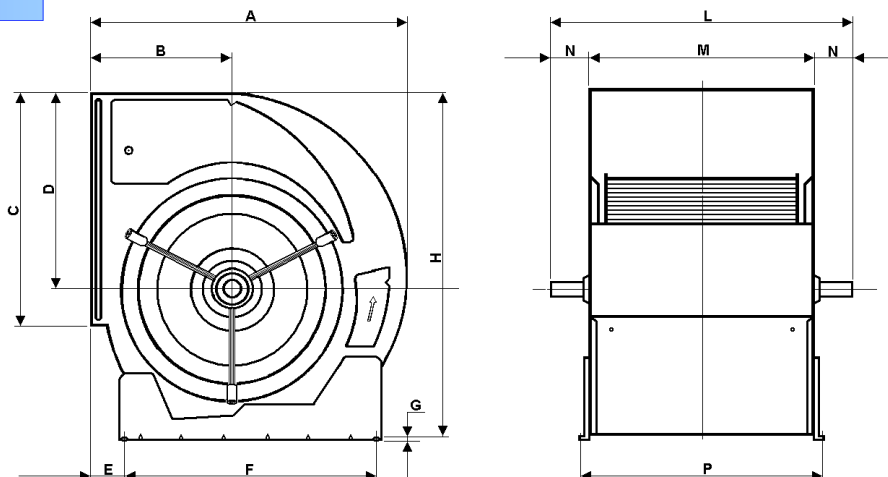
**BETRIEBSART : (S1)**  
Fortdauernd in den allen Lagen

**ZULASSUNGEN : CE**  
Abkommen mit EN 60335.1  
2014/35/UE  
2006/42/CE  
EMC 2014/30/UE  
RoHS3 2015/863

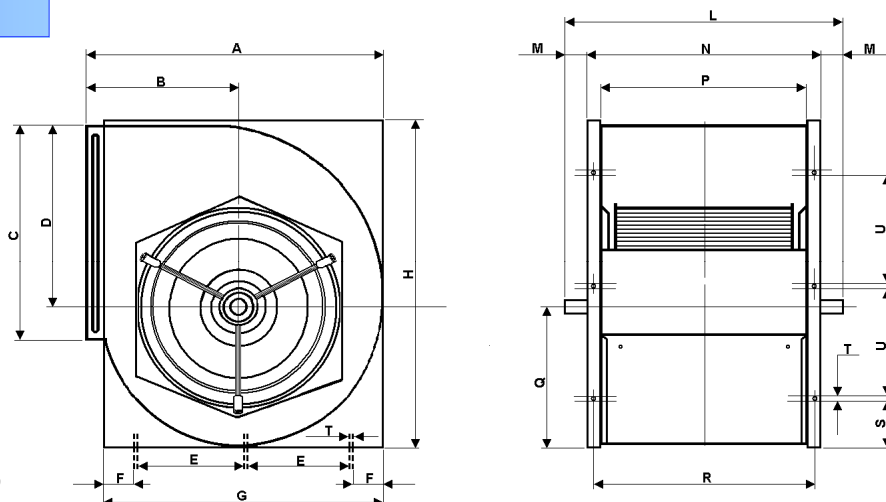
# Centrifugal blowers

**Belt driven 7/7 ÷ 18/18**

## Serie OO..



## Serie OC..



**Reinforced body  
con telaio di rinforzo**

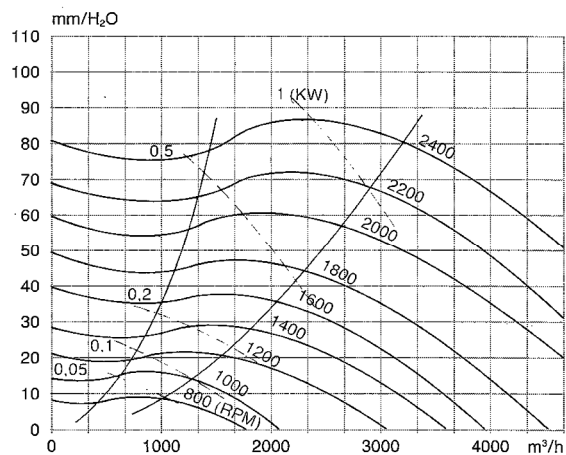
## Serie OO/OC: con telaio di rinforzo

| CODE     | Dimensions |     |     |     |     |     |     |     |     |      |      |     |     |     |     |    |     |
|----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|----|-----|
|          | A          | B   | C   | D   | E   | F   | G   | H   | L   | M    | N    | P   | Q   | R   | S   | T  | U   |
| OO.7.7   | 317        | 153 | 208 | 186 | 50  | 245 | 15  | 327 | 370 | 230  | 70   | 260 |     |     |     |    |     |
| OO.9.7   | 378        | 184 | 260 | 216 | 67  | 245 | 12  | 388 | 370 | 230  | 70   | 260 |     |     |     |    |     |
| OO.9.9   | 378        | 184 | 260 | 216 | 67  | 245 | 12  | 388 | 440 | 300  | 70   | 330 |     |     |     |    |     |
| OO.10.8  | 420        | 198 | 290 | 250 | 70  | 350 | 27  | 444 | 405 | 265  | 70   | 295 |     |     |     |    |     |
| OO.10.10 | 420        | 198 | 290 | 250 | 70  | 350 | 27  | 444 | 470 | 330  | 70   | 360 |     |     |     |    |     |
| OO.12.9  | 490        | 230 | 340 | 290 | 80  | 350 | 23  | 520 | 460 | 310  | 75   | 340 |     |     |     |    |     |
| OO.12.12 | 490        | 230 | 340 | 290 | 80  | 350 | 23  | 520 | 545 | 395  | 75   | 425 |     |     |     |    |     |
| OO.15.15 | 576        | 270 | 404 | 343 | 64  | 495 | 15  | 610 | 630 | 473  | 78,5 | 502 |     |     |     |    |     |
| OO.18.18 | 686        | 310 | 483 | 413 | 87  | 495 | 19  | 740 | 728 | 555  | 78,5 | 585 |     |     |     |    |     |
| OC99     | 383        | 184 | 260 | 216 | 135 | 30  | 352 | 397 | 440 | 40,5 | 351  | 300 | 180 | 330 | 49  | 10 | 135 |
| OC1010   | 426        | 198 | 290 | 250 | 152 | 30  | 398 | 455 | 470 | 49   | 380  | 330 | 205 | 370 | 61  | 10 | 152 |
| OC1212   | 497        | 230 | 340 | 290 | 195 | 30  | 468 | 534 | 546 | 47,5 | 446  | 396 | 243 | 424 | 58  | 10 | 195 |
| OC1515   | 585        | 270 | 404 | 343 | 200 | 60  | 553 | 628 | 630 | 71,5 | 533  | 473 | 285 | 503 | 99  | 10 | 200 |
| OC1818   | 685        | 310 | 483 | 413 | 250 | 60  | 653 | 748 | 728 | 81,5 | 616  | 556 | 335 | 586 | 109 | 10 | 250 |

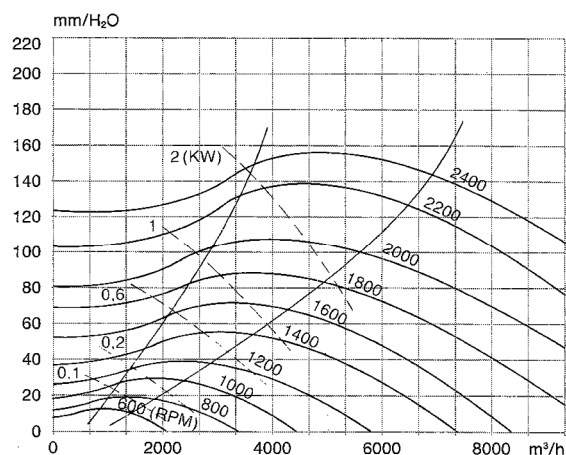
# Performance curves

## Belt driven 7/7 ÷ 12/12

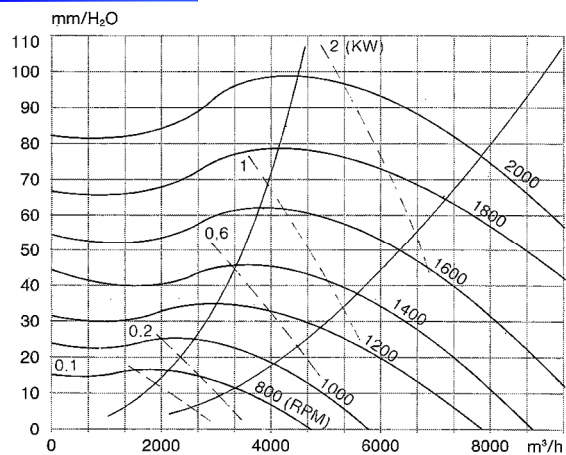
OO - OC.7.7



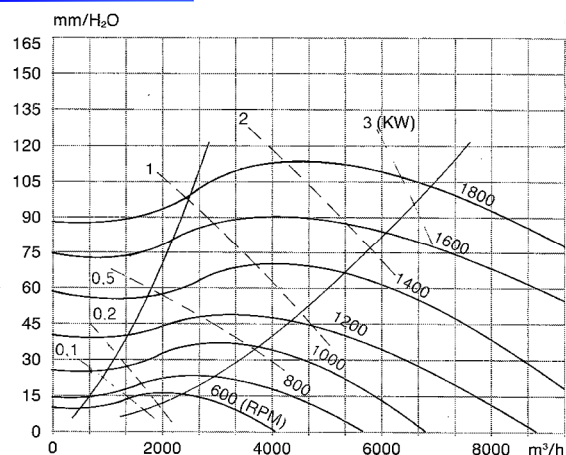
OO - OC.9.7



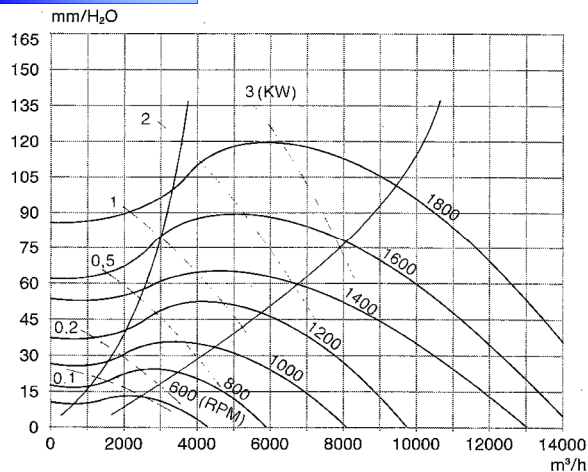
OO - OC.9.9



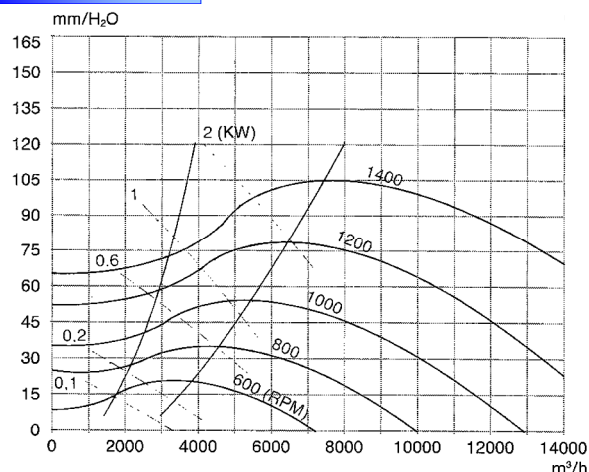
OO - OC.10.8



OO-OC.10.10



OO-OC .12.12



# Performance curves

## Belt driven 12/12 ÷ 18/18

