



## ZASTOSOWANIE

Wentylator przeznaczony do wszelkiego rodzaju instalacji wentylacji ogólnej. Typowe zastosowania to:

- ogólna wentylacja lokali handlowych i hal przemysłowych,
- wentylacja magazynów i składów magazynowych,
- wentylacja garaży i budynków użyteczności publicznej, etc.

## KONSTRUKCJA

- wirnik z blachy aluminiowej wyważony dynamicznie wg ISO 1940-1,
- obudowa z blachy stalowej zabezpieczona przed korozją poprzez malowanie katodowe farbą podkładową oraz farbą poliesterową,
- puszka przyłączeniowa na obudowie,
- montaż w pozycji poziomej lub pionowej,
- przepływ powietrza wirnik -> silnik (HB),
- temperatura tłoczonego medium od -40°C do +40°C (modele 250 do 400 oraz 4/710 i 800), i od -40°C do +70°C (modele 450 do 630 oraz 6/710).

## SILNIK ELEKTRYCZNY

- asynchroniczny, jednofazowy 230V 50Hz, (TCBB),
- asynchroniczny, trójfazowy 230/400V 50Hz, 400V 50Hz, (TCBT),
- stopień ochrony IP 54, klasa izolacji F (modele 250 do 400),
- stopień ochrony IP 65, klasa izolacji F (modele 250 do 400 i 6/710),
- stopień ochrony IP 55, klasa izolacji F (modele 4/710 i 800),
- do regulacji napięciowej (z wyjątkiem /4-560H, /4-630, 710 i T/800),
- do regulacji częstotliwościowej (silniki trójfazowe).

## WYKONANIA SPECJALNE

- wersja przeciwwybuchowa,
- przepływ powietrza silnik -> wirnik (HA).



WWW



DTR



CE



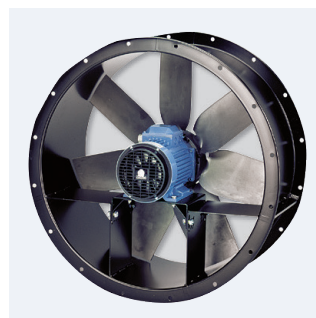
PZH



Obudowa zabezpieczona przed korozją poprzez malowanie katodowe farbą podkładową oraz farbą poliesterową. Elementy łączące ze stali nierdzewnej.



Puszka przyłączeniowa na obudowie, dławiki PG-11 (oprócz modeli w wersji ATEX).



Wersja do stref zagrożenia wybuchem - TCBT EX.

## DANE TECHNICZNE

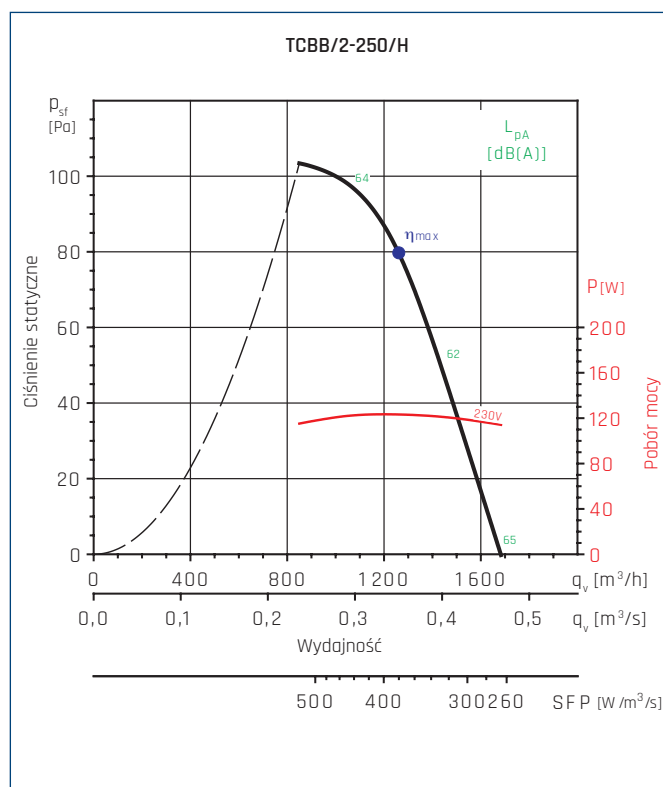
| Typ          | ilość<br>biegunów | prędkość<br>obrotowa | pobór mocy<br>max | natężenie<br>230V   400V |        | wydajność<br>max | poziom<br>ciśn. akust.* | masa | regulator                 | nr artykułu      |
|--------------|-------------------|----------------------|-------------------|--------------------------|--------|------------------|-------------------------|------|---------------------------|------------------|
|              |                   | [obr/min]            | [W]               | [A]                      | [m³/h] | [dB(A)]          | [kg]                    |      |                           |                  |
| JEDNOFAZOWE  |                   |                      |                   |                          |        |                  |                         |      |                           |                  |
| TCBB/2-250/H | 2                 | 2680                 | 123               | 0,5                      | -      | 1680             | 62                      | 8    | -                         | 41520385         |
| TCBB/4-250/H | 4                 | 1430                 | 44                | 0,2                      | -      | 900              | 42                      | 8    | TLR 15 / RVS 1,5          | 41520045         |
| TCBB/4-315/H |                   | 1435                 | 105               | 0,6                      | -      | 1990             | 52                      | 11   | TLR 15 / RVS 1,5          | 41520085         |
| TCBB/4-355/H |                   | 1420                 | 120               | 0,6                      | -      | 2460             | 52                      | 13,2 | TLR 15 / RVS 1,5          | 41520125         |
| TCBB/4-400/H |                   | 1410                 | 277               | 1,1                      | -      | 5050             | 60                      | 15,5 | TLR 15 / RVS 1,5          | 41520165         |
| TCBB/4-450/H |                   | 1410                 | 591               | 2,5                      | -      | 6940             | 63                      | 21   | REB-5 / RVS 3             | 41520205         |
| TCBB/4-500/H |                   | 1410                 | 636               | 2,8                      | -      | 7500             | 66                      | 25   | REB-5 / RVS 3             | 41520045         |
| TCBB/4-560/L |                   | 1405                 | 1289              | 6                        | -      | 11990            | 68                      | 33   | REB-10 / RVS 7            | 41520285         |
| TCBB/4-560/H |                   | 1400                 | 1308              | 6                        | -      | 12170            | 69                      | 34,7 | -                         | 41520286         |
| TCBB/4-630/L |                   | 1365                 | 1707              | 7,5                      | -      | 15980            | 70                      | 40   | -                         | 41520325         |
| TCBB/6-355/H |                   | 6                    | 880               | 92                       | 0,4    | -                | 2160                    | 46   | 13,2                      | TLR 15 / RVS 1,5 |
| TCBB/6-400/H | 870               |                      | 118               | 0,5                      | -      | 2820             | 48                      | 15,5 | TLR 15 / RVS 1,5          | 41520545         |
| TCBB/6-500/H | 920               |                      | 226               | 1                        | -      | 5250             | 57                      | 24,8 | TLR 15 / RVS 1,5          | 41520625         |
| TCBB/6-560/L | 930               |                      | 375               | 1,6                      | -      | 7810             | 60                      | 33,5 | TLR 25 / RVS 3            | 41520666         |
| TCBB/6-630/L | 920               |                      | 514               | 2,1                      | -      | 10410            | 60                      | 38,5 | TLR 25 / RVS 3            | 41520705         |
| TCBB/6-710/L | 930               |                      | 849               | 4,2                      | -      | 14480            | 62                      | 46   | -                         | 41520745         |
| TRÓJFAZOWE   |                   |                      |                   |                          |        |                  |                         |      |                           |                  |
| TCBT/2-250/H | 2                 | 2775                 | 114               | 0,3                      | 0,2    | 1730             | 62                      | 8    | Falownik 0.4kW            | 41520375         |
| TCBT/4-250/H | 4                 | 1470                 | 42                | 0,3                      | 0,2    | 900              | 42                      | 8    | RMT-1,5 / Falownik 0,4kW  | 41520035         |
| TCBT/4-315/H |                   | 1445                 | 99                | 0,5                      | 0,3    | 1950             | 51                      | 11   | RMT-1,5 / Falownik 0,4kW  | 41520075         |
| TCBT/4-355/H |                   | 1415                 | 117               | 0,5                      | 0,3    | 2470             | 52                      | 13,2 | RMT-1,5 / Falownik 0,4kW  | 41520116         |
| TCBT/4-400/H |                   | 1410                 | 268               | 0,9                      | 0,5    | 4950             | 60                      | 15,5 | RMT-1,5 / Falownik 0,4kW  | 41520155         |
| TCBT/4-450/H |                   | 1405                 | 526               | 1,9                      | 1,1    | 6650             | 63                      | 21   | RMT-1,5 / Falownik 0,75kW | 41520195         |
| TCBT/4-500/H |                   | 1420                 | 641               | 2,6                      | 1,5    | 7590             | 66                      | 25   | RMT-2,5 / Falownik 0,75kW | 41520235         |
| TCBT/4-560/L |                   | 1415                 | 1184              | 3,8                      | 2,2    | 12090            | 68                      | 33   | RMT-2,5 / Falownik 0,75kW | 41520275         |
| TCBT/4-560/H |                   | 1390                 | 1348              | 4,2                      | 2,4    | 13370            | 69                      | 34,7 | Falownik 0,75kW           | 41520276         |
| TCBT/4-630/L |                   | 1410                 | 1768              | 5,9                      | 3,4    | 16370            | 70                      | 39   | Falownik 1,5kW            | 41520315         |
| TCBT/4-630/H |                   | 1400                 | 1940              | 6,2                      | 3,6    | 17030            | 70                      | 40   | Falownik 1,5kW            | 41520316         |
| TCBT/4-710/L |                   | 1435                 | 2175              | 6,4                      | 3,7    | 20290            | 73                      | 46   | Falownik 1,5kW            | 41520345         |
| TCBT/4-710/H |                   | 1460                 | 3441              | 10,6                     | 6,1    | 26420            | 73                      | 54   | Falownik 4,0kW            | 41520346         |
| TCBT/4-800/L |                   | 1460                 | 3750              | 11,3                     | 6,5    | 29950            | 76                      | 65   | Falownik 4,0kW            | 42020155         |
| TCBT/4-800/K |                   | 1460                 | 5177              | -                        | 8,8    | 34950            | 76                      | 68   | Falownik 4,0kW            | 42020156         |
| TCBT/4-800/G |                   | 1470                 | 6146              | -                        | 11,1   | 38500            | 77                      | 81   | Falownik 5,5kW            | 42020157         |
| TCBT/4-800/H |                   | 1475                 | 7688              | -                        | 13     | 42490            | 78                      | 89   | Falownik 7,5kW            | 42020158         |
| TCBT/6-355/H | 6                 | 900                  | 97                | 0,4                      | 0,2    | 2250             | 47                      | 13,2 | RMT-1,5 / Falownik 0,4kW  | 41520495         |
| TCBT/6-400/H |                   | 860                  | 116               | 0,4                      | 0,2    | 2970             | 49                      | 15,5 | RMT-1,5 / Falownik 0,4kW  | 41520535         |
| TCBT/6-450/H |                   | 940                  | 161               | 0,7                      | 0,4    | 4020             | 54                      | 20,7 | RMT-1,5 / Falownik 0,4kW  | 41520575         |
| TCBT/6-500/H |                   | 930                  | 198               | 0,9                      | 0,5    | 4990             | 57                      | 24,8 | RMT-1,5 / Falownik 0,4kW  | 41520615         |
| TCBT/6-560/H |                   | 920                  | 363               | 1,4                      | 0,8    | 7630             | 60                      | 33,5 | RMT-1,5 / Falownik 0,4kW  | 41520656         |
| TCBT/6-630/L |                   | 915                  | 595               | -                        | 1,3    | 10940            | 60                      | 38   | RMT-1,5 / Falownik 0,75kW | 41520695         |
| TCBT/6-630/H |                   | 950                  | 906               | -                        | 2,7    | 13610            | 62                      | 38,5 | RMT-5 / Falownik 1,5kW    | 41520696         |
| TCBT/6-710/L |                   | 910                  | 967               | 3,5                      | 2      | 16240            | 62                      | 46   | Falownik 0,75kW           | 41520735         |
| TCBT/6-710/H |                   | 910                  | 1378              | 5,4                      | 3,1    | 19120            | 63                      | 46   | Falownik 1,5kW            | 41520730         |
| TCBT/6-800/L |                   | 965                  | 1278              | 4,7                      | 2,7    | 20770            | 66                      | 57   | Falownik 1,5kW            | 42020165         |
| TCBT/6-800/K |                   | 975                  | 1592              | 5,7                      | 3,3    | 24090            | 66                      | 64   | Falownik 1,5kW            | 42020166         |
| TCBT/6-800/G |                   | 975                  | 1968              | 8                        | 4,6    | 26310            | 67                      | 68   | Falownik 2,2kW            | 42020167         |
| TCBT/6-800/H |                   | 970                  | 2345              | 8,7                      | 5      | 27910            | 68                      | 80   | Falownik 2,2kW            | 42020168         |

\* - pomiar z odległości 3 średnic od wentylatora, jednak nie mniej niż 1,5m (pomiar w wolnej przestrzeni, bez kanałów przyłączeniowych).

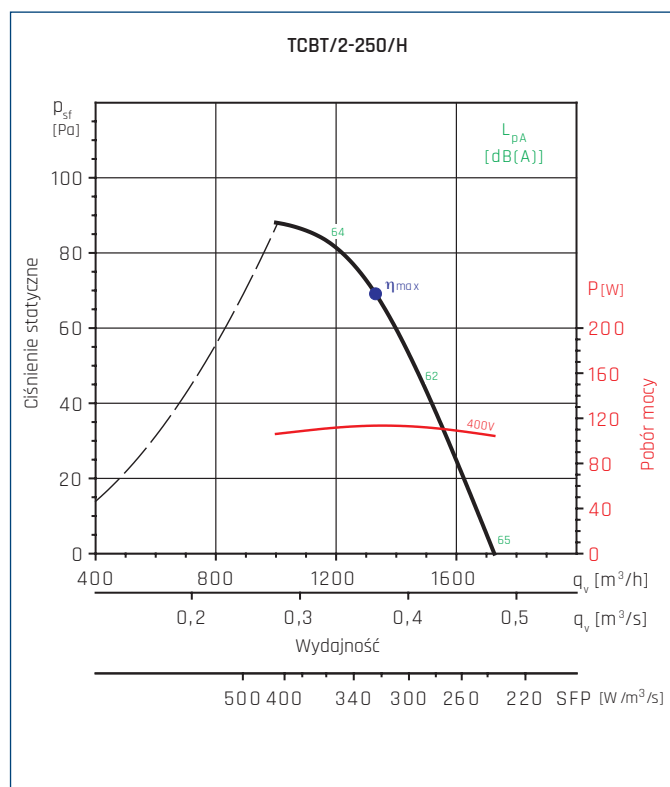
## CHARAKTERYSTYKI PRACY

- $q_v$  - Przepływ powietrza [ $m^3/h$ ] lub [ $m^3/s$ ]
- $p_{sf}$  - Ciśnienie statyczne [Pa]
- SFP - Moc właściwa wentylatora [ $W/(m^3/s)$ ]
- P - Pobór mocy [W]
- Parametry wyznaczone bez regulatora
- Charakterystyka wentylatora wyznaczona zgodnie z ISO 5801
- Poziom ciśnienia akustycznego dB(A), wyznaczany w wolnej przestrzeni w odległości 3 średnic od wentylatora, jednak nie mniej niż 1,5m.

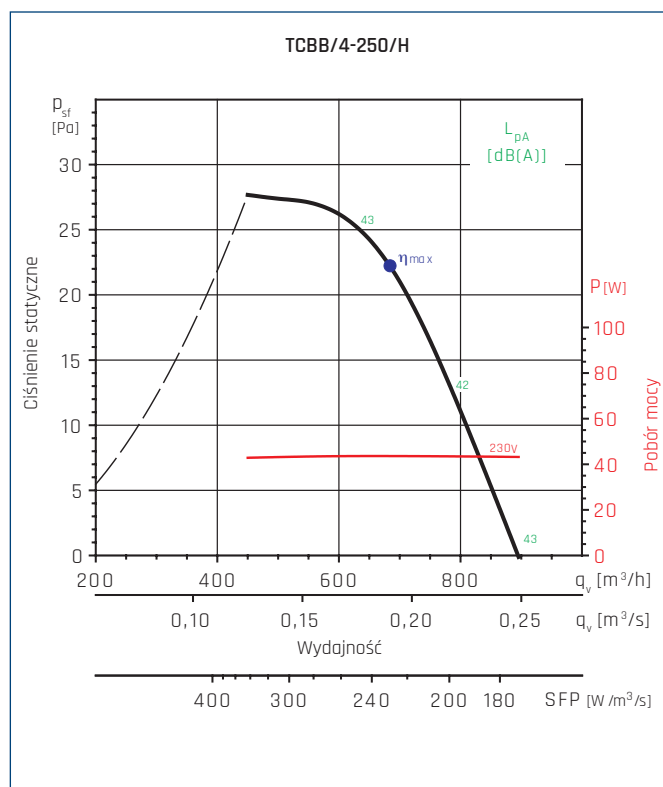
|             |                         |
|-------------|-------------------------|
| MC          | Kategoria pomiarowa     |
| EC          | Kategoria sprawności    |
| VSD         | Regulacja prędkości     |
| SR          | Ilość biegów            |
| $\eta$ [%]  | Sprawność               |
| N           | Współczynnik sprawności |
| [kW]        | Pobór mocy              |
| [ $m^3/h$ ] | Wydajność               |
| [Pa]        | Ciśnienie statyczne     |
| [RPM]       | Prędkość obrotowa       |



● - punkt najwyższej sprawności wentylatora.

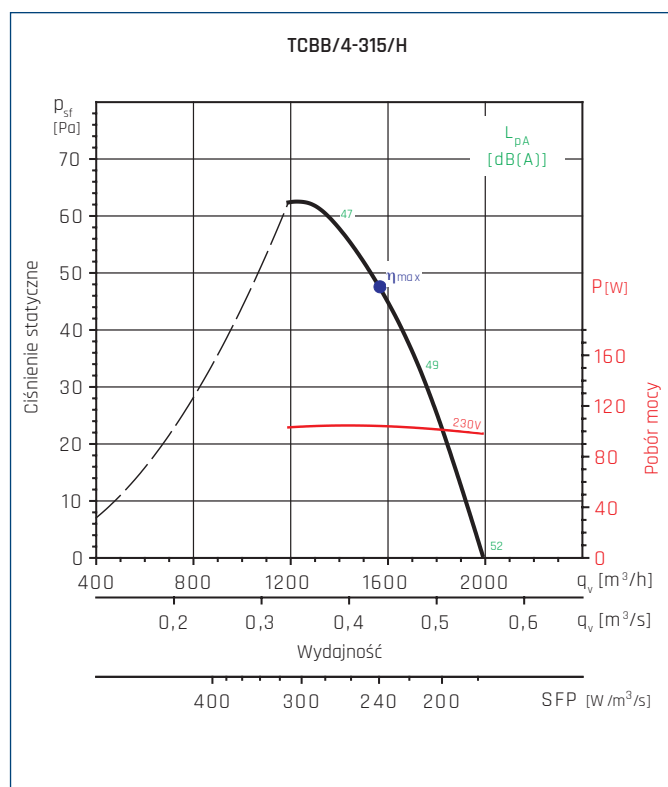


● - punkt najwyższej sprawności wentylatora.

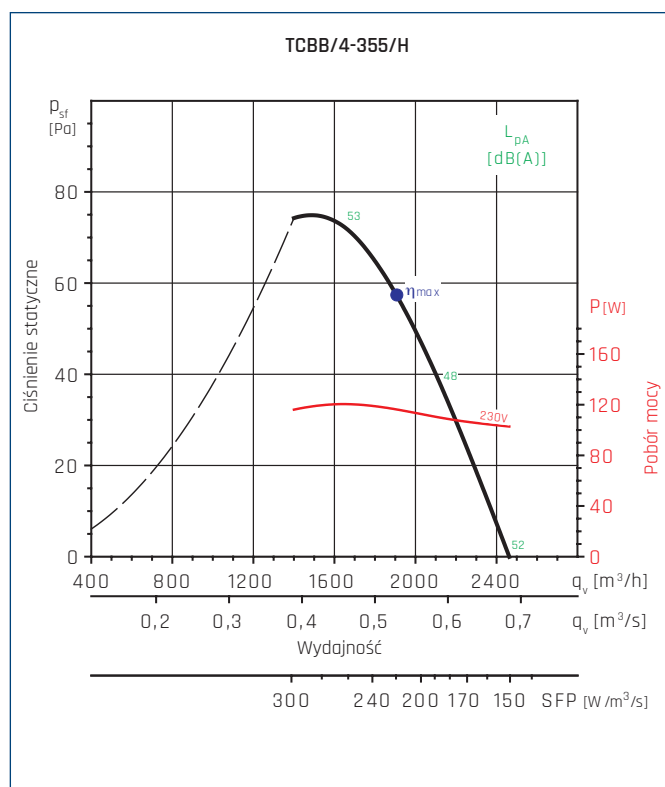


● - punkt najwyższej sprawności wentylatora.

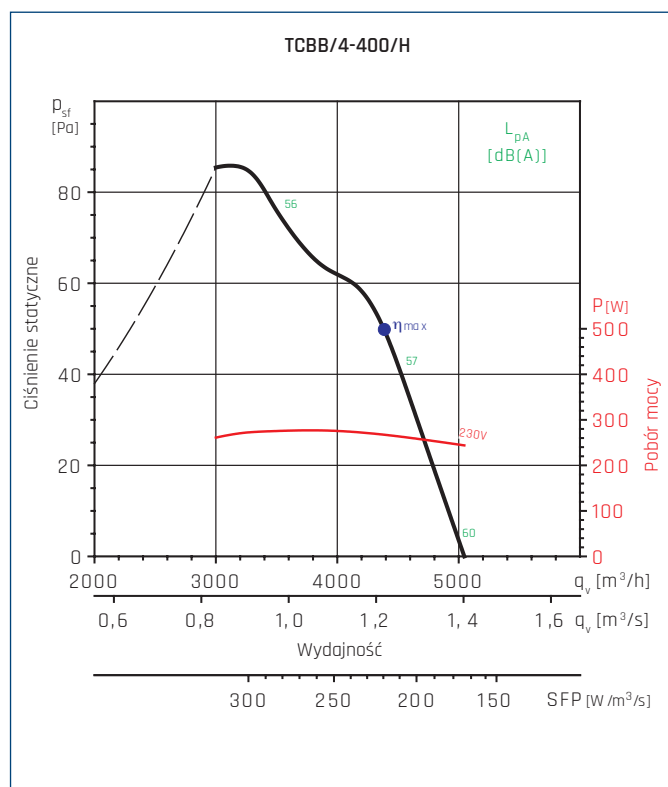
## CHARAKTERYSTYKI PRACY



● - punkt najwyższej sprawności wentylatora.

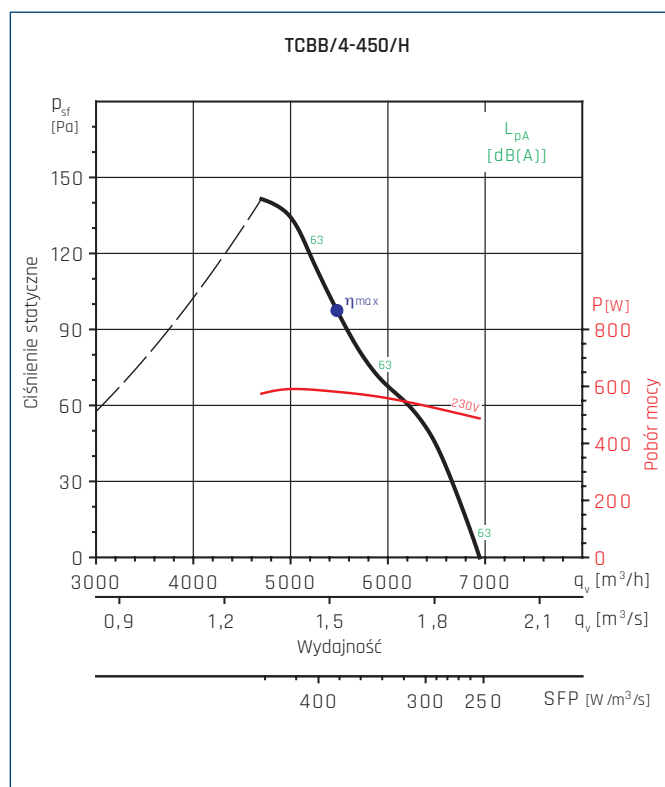


● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 48,5       | 58,4 | 0,267 | 4386   | 106  | 1397  |

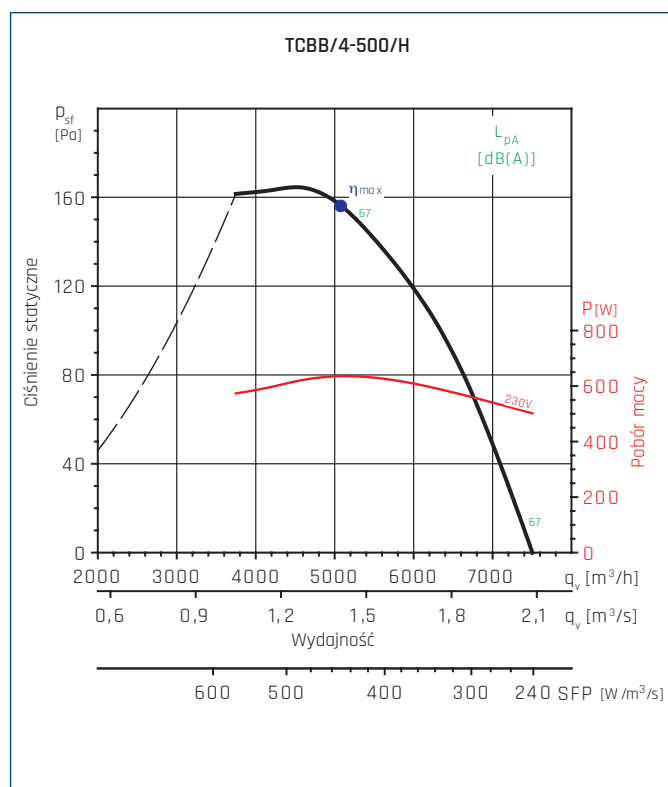
● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 32,3       | 40,1 | 0,582 | 4783   | 142  | 1368  |

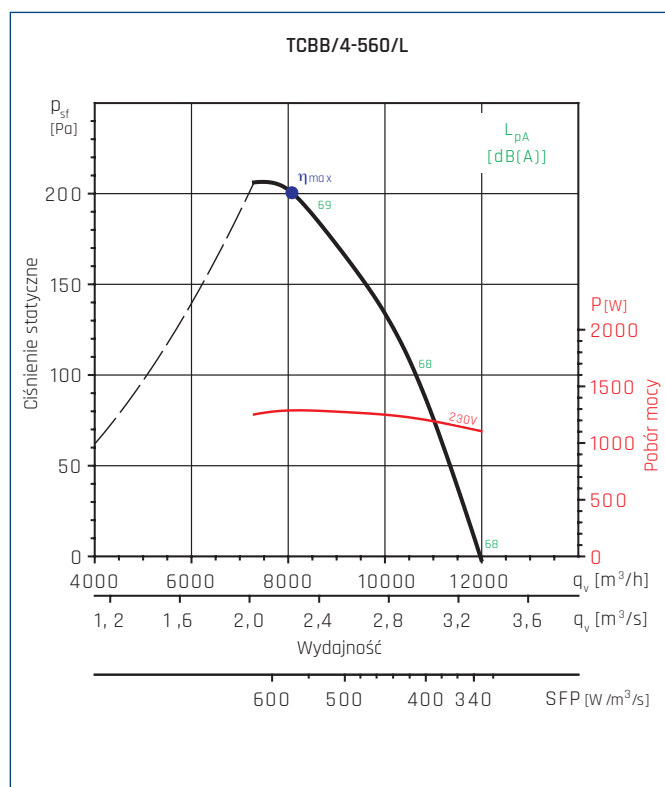
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



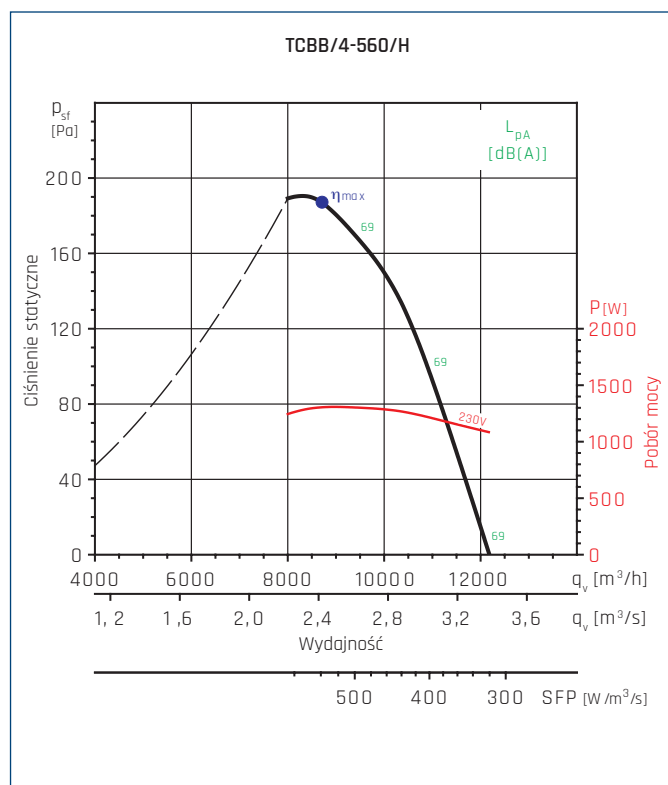
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 34,5       | 42,1 | 0,636 | 5075   | 156  | 1367  |

● - punkt najwyższej sprawności wentylatora.



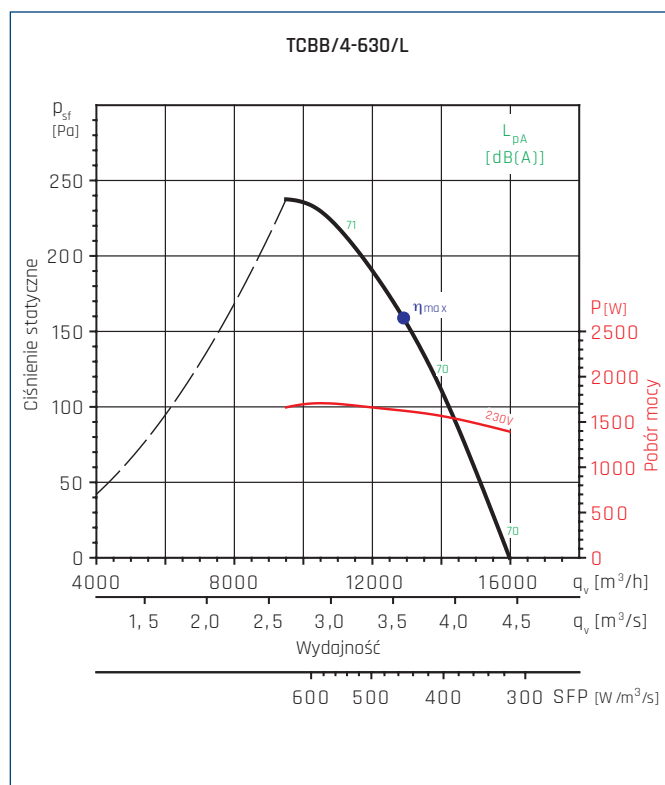
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 34,7       | 40,3 | 1,288 | 8071   | 200  | 1382  |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 34,6       | 40,2 | 1,305 | 8700   | 187  | 1370  |

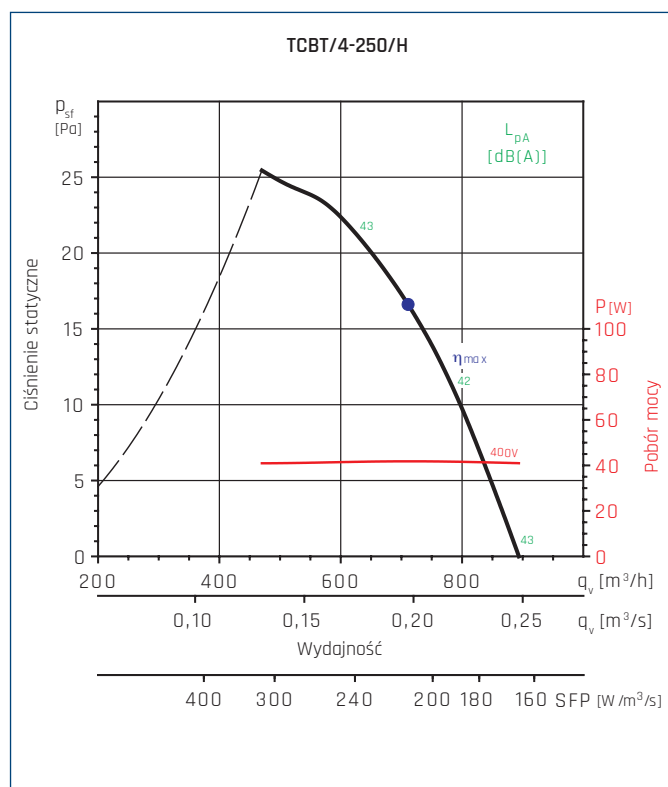
● - punkt najwyższej sprawności wentylatora.



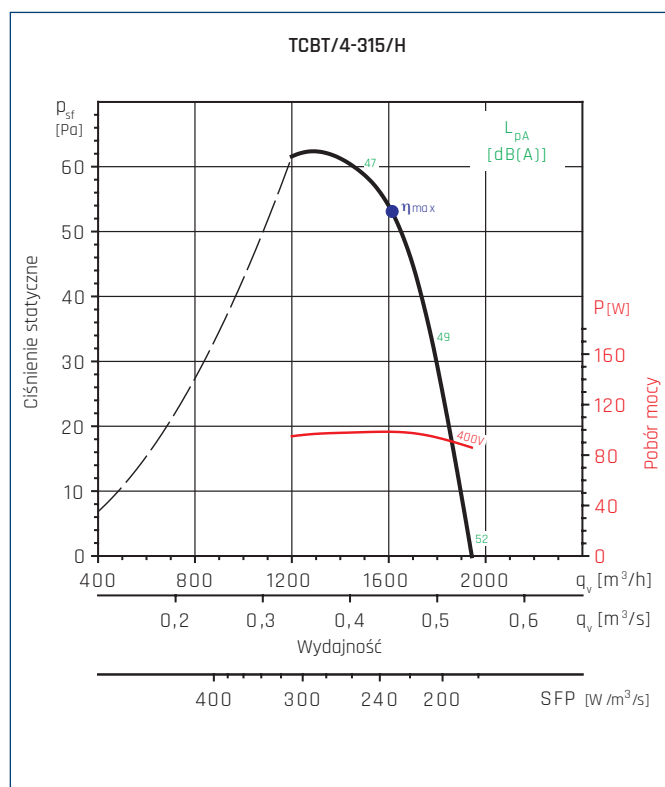
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 53,4       | 58,4 | 1,624 | 12896  | 241  | 1332  |

● - punkt najwyższej sprawności wentylatora.

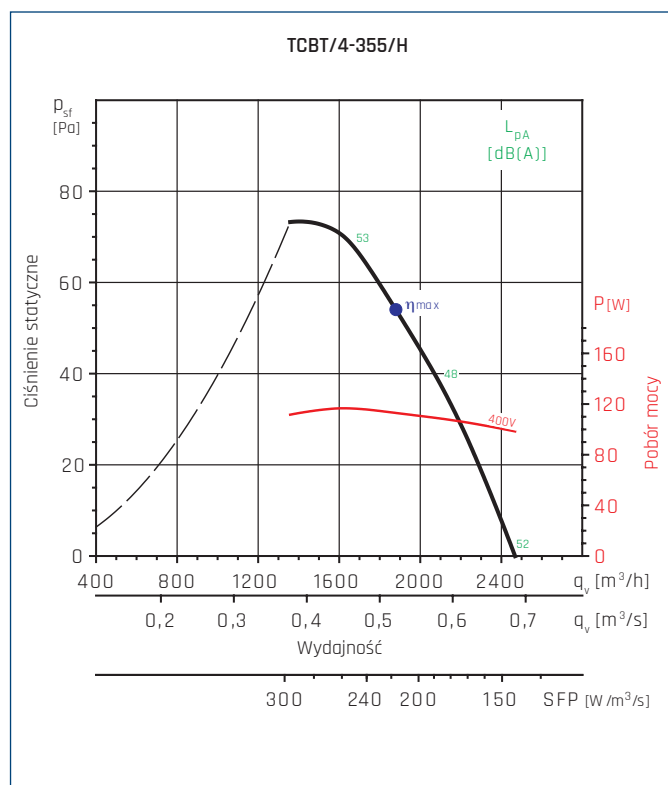
## CHARAKTERYSTYKI PRACY



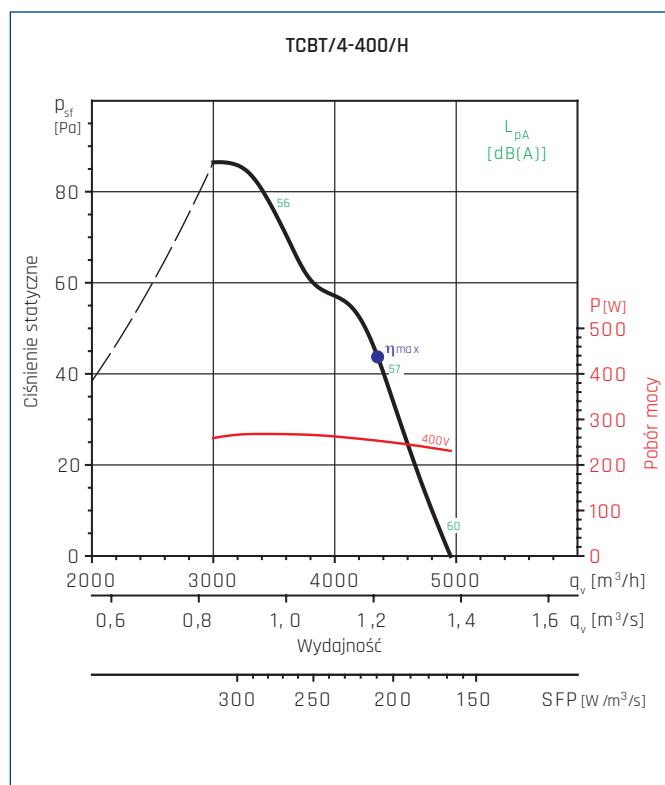
● - punkt najwyższej sprawności wentylatora.



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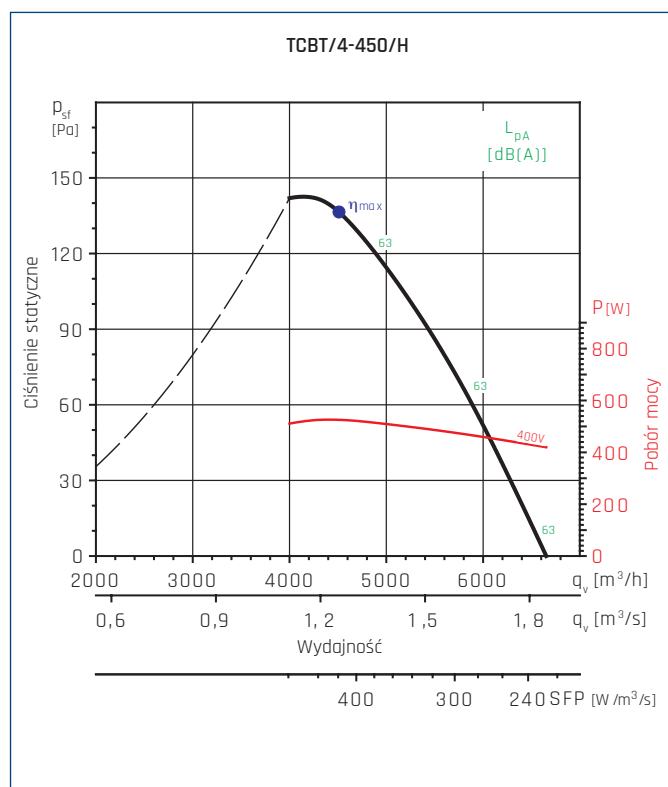


● - punkt najwyższej sprawności wentylatora.

| MC | EC        | VSD | SR | $\eta$ [%] | N  | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|----|-------|--------|------|-------|
| B  | Całkowita | Nie | 1  | 47,9       | 58 | 0,255 | 4281   | 103  | 1391  |

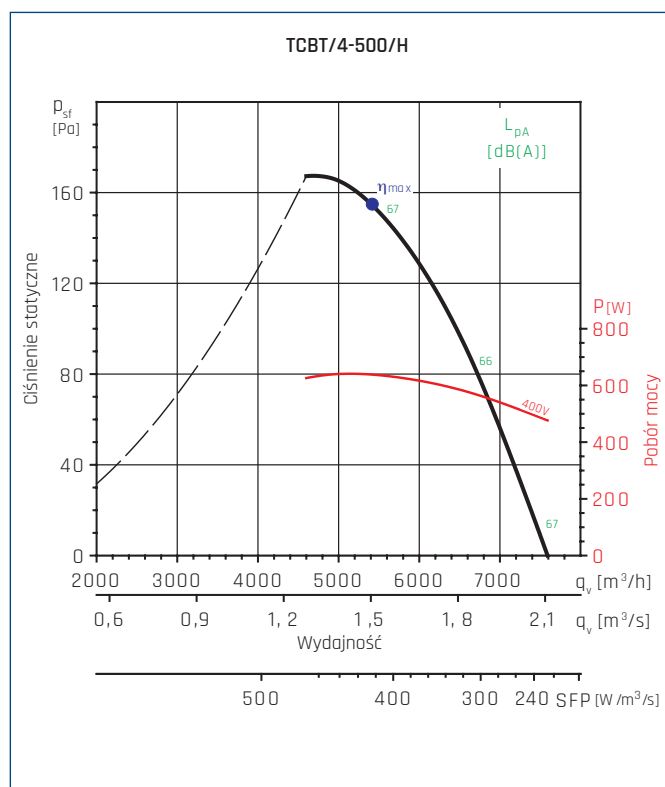
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



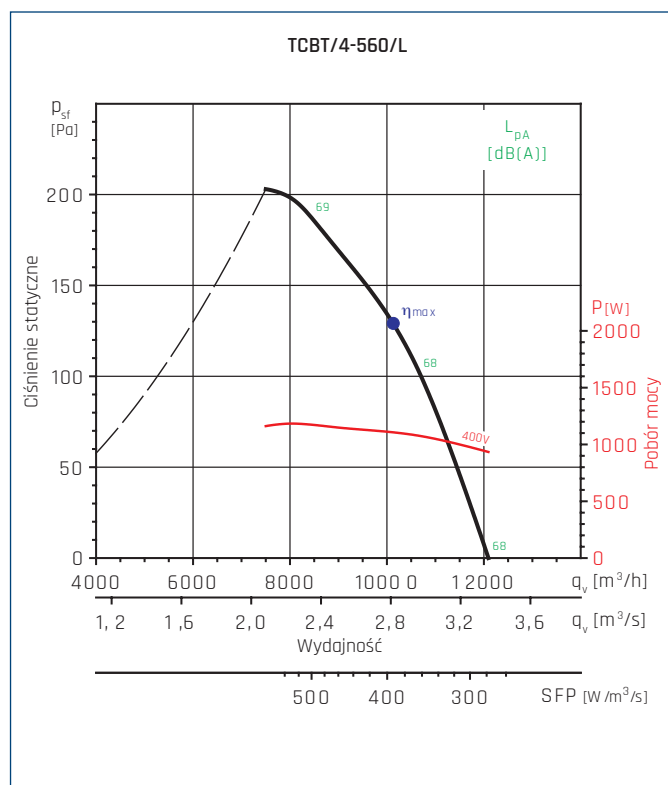
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 32,4       | 40,5 | 0,526 | 4510   | 136  | 1374  |

● - punkt najwyższej sprawności wentylatora.



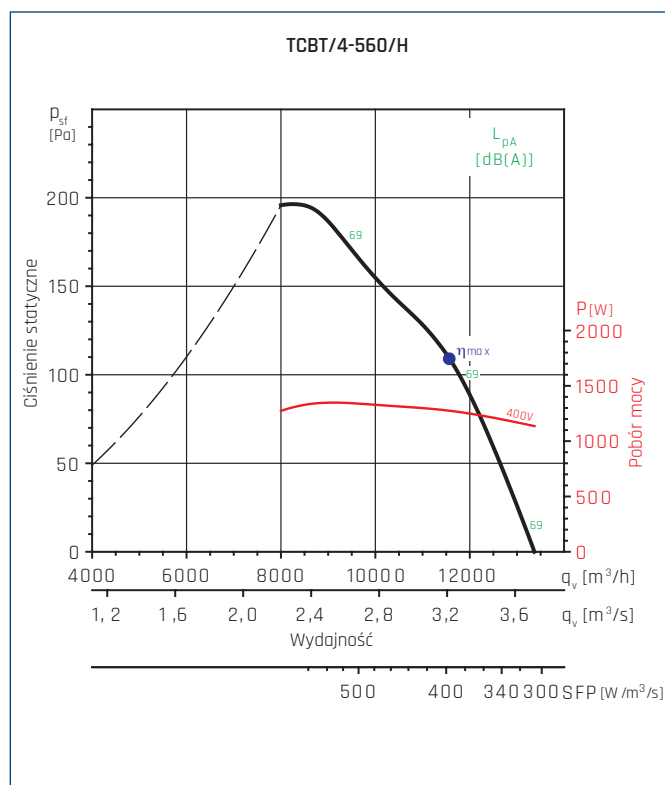
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 36,3       | 43,9 | 0,638 | 5409   | 155  | 1381  |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 53,2       | 59,3 | 1,107 | 10127  | 208  | 1390  |

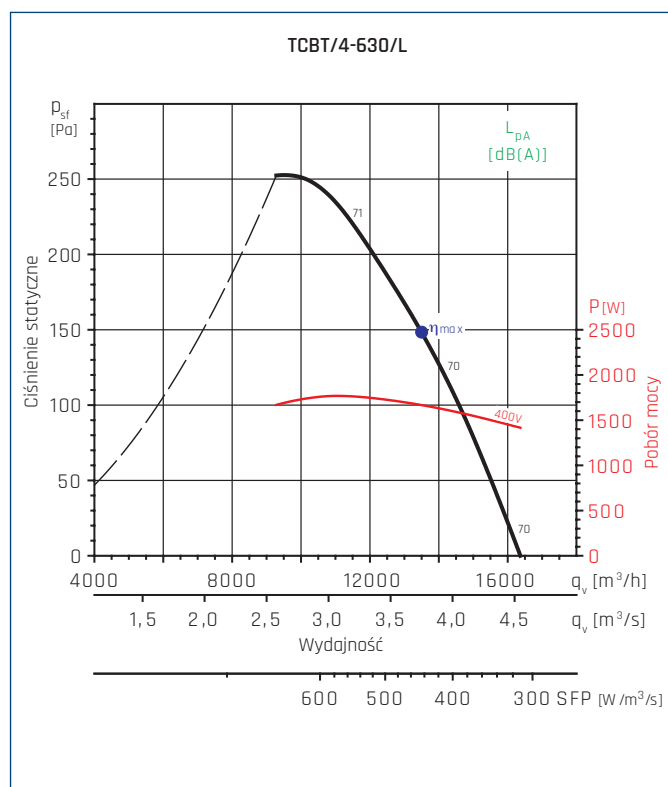
● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 53,4       | 59,1 | 1,275 | 11576  | 212  | 1372  |

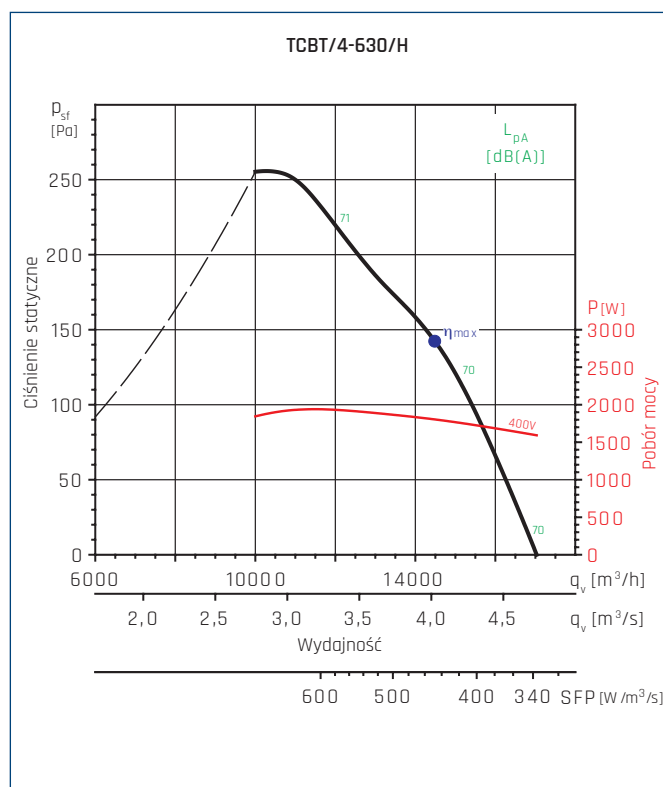
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



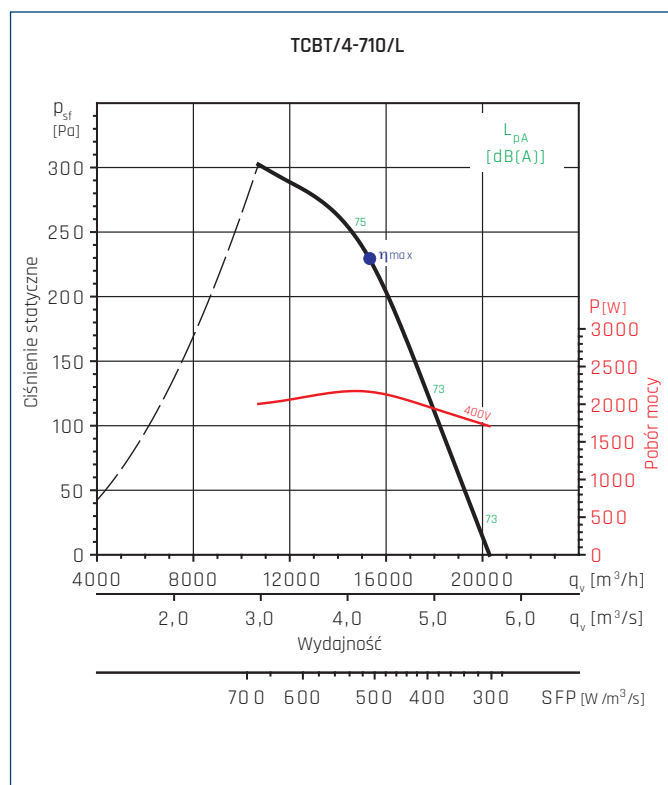
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 53,4       | 58,3 | 1,667 | 13505  | 236  | 1390  |

● - punkt najwyższej sprawności wentylatora.



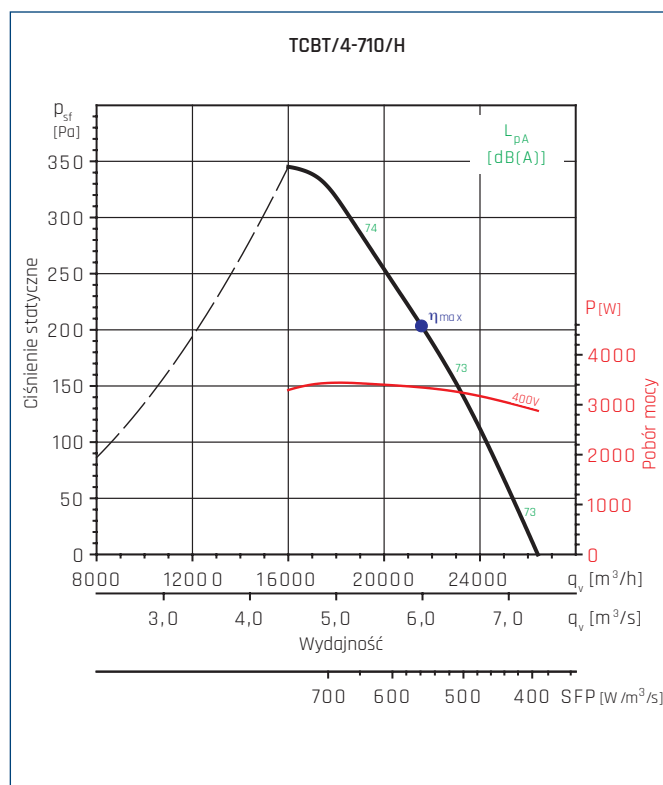
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 54,4       | 59,1 | 1,804 | 14481  | 244  | 1383  |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 58,7       | 62,9 | 2,166 | 15306  | 299  | 1414  |

● - punkt najwyższej sprawności wentylatora.

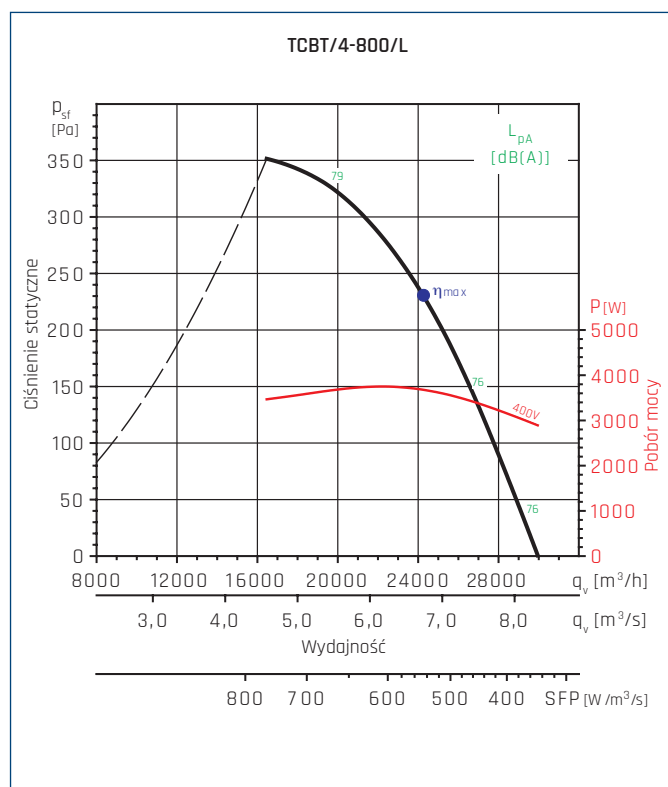


| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 61,4       | 64,4 | 3,346 | 21563  | 341  | 1451  |

● - punkt najwyższej sprawności wentylatora.

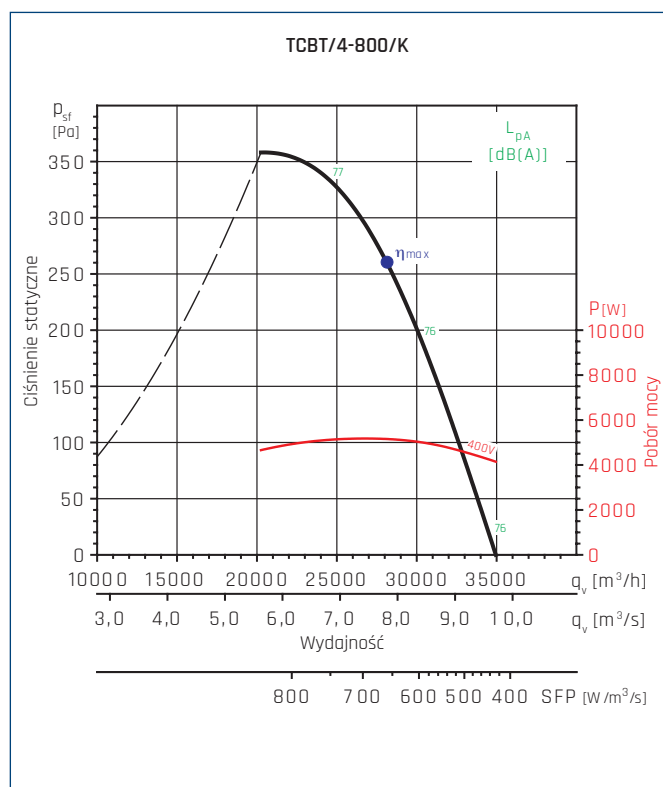


## CHARAKTERYSTYKI PRACY



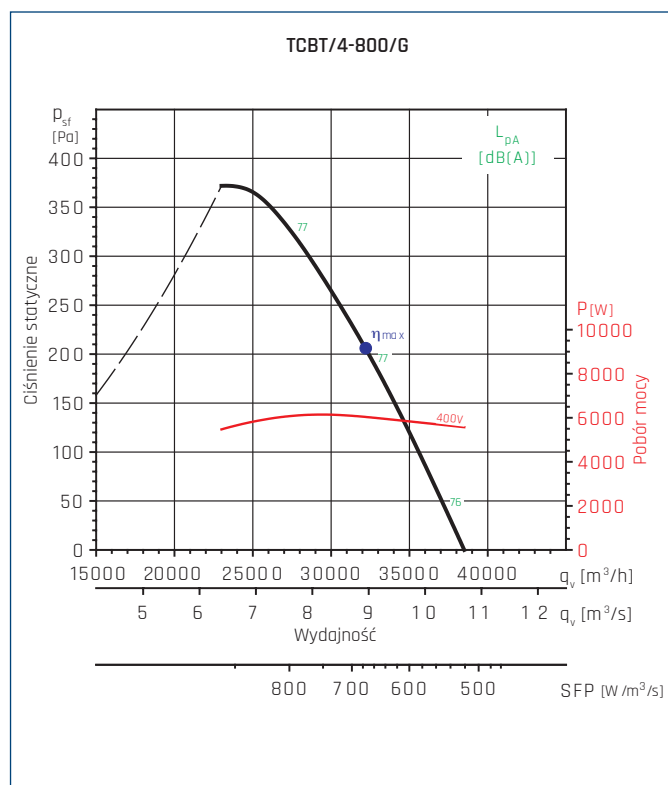
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 62,4       | 65,2 | 3,678 | 24248  | 339  | 1445  |

● - punkt najwyższej sprawności wentylatora.



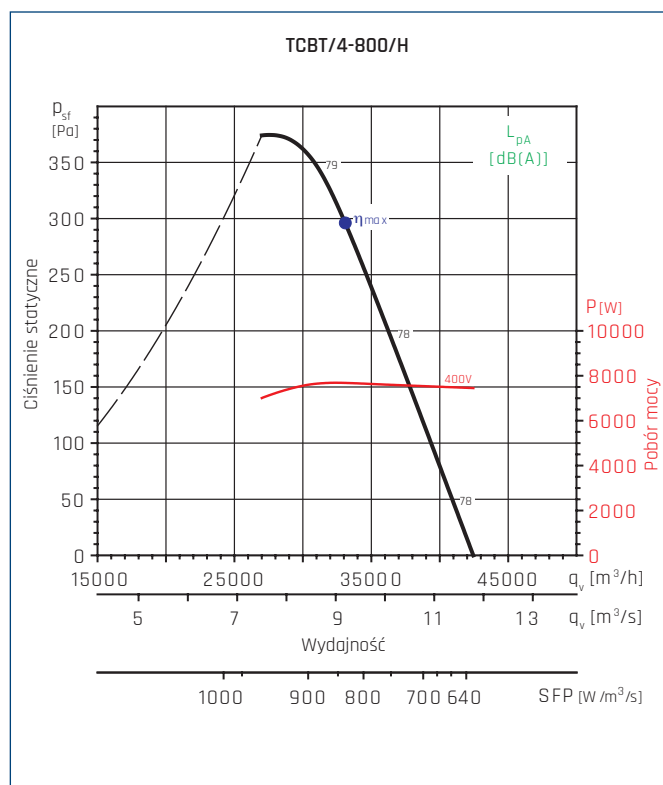
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 61,6       | 63,4 | 5,156 | 28120  | 406  | 1445  |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 58,9       | 60,3 | 6,038 | 32195  | 397  | 1460  |

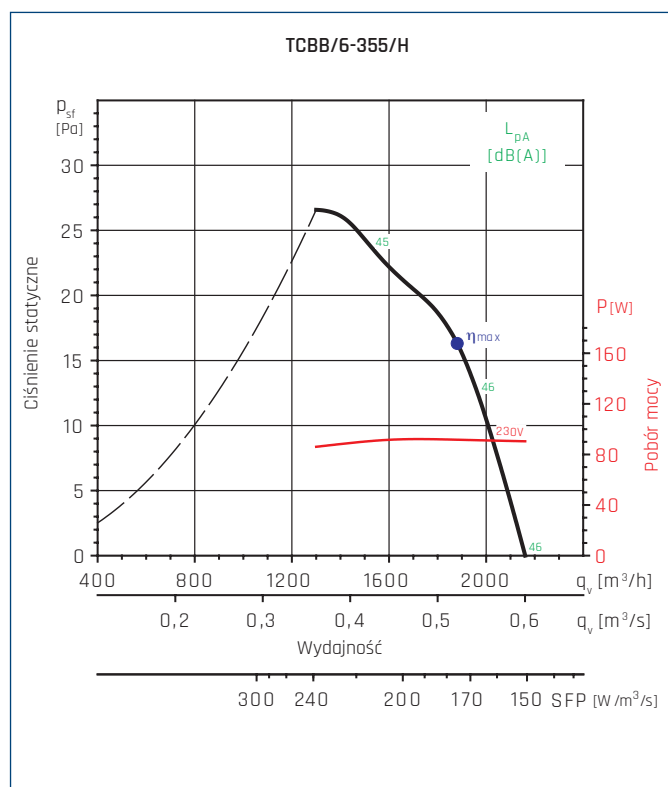
● - punkt najwyższej sprawności wentylatora.



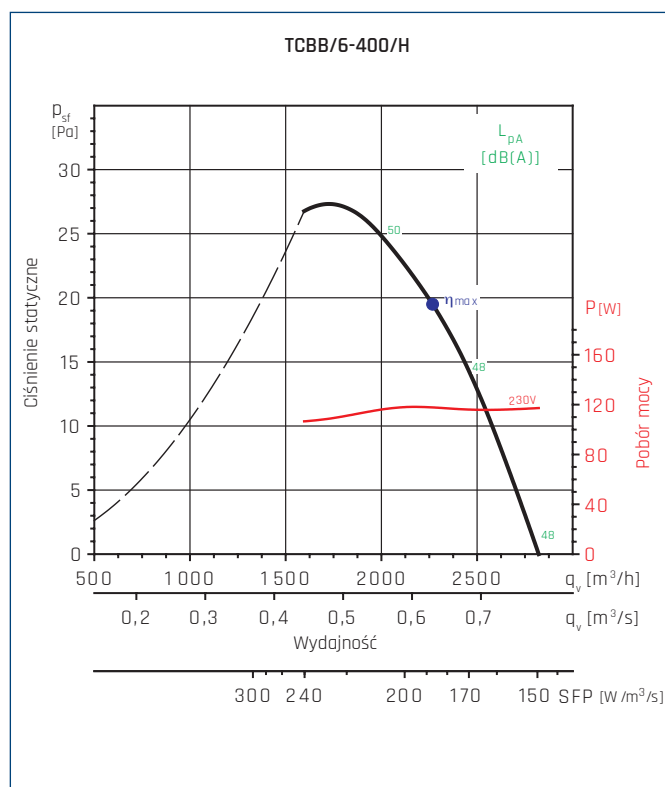
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 59,6       | 60,3 | 7,682 | 33100  | 498  | 1468  |

● - punkt najwyższej sprawności wentylatora.

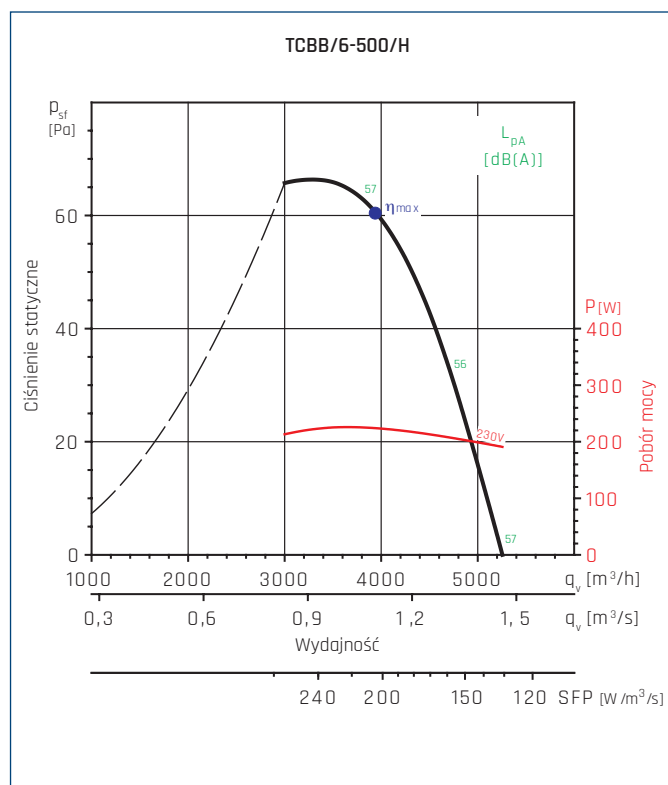
## CHARAKTERYSTYKI PRACY



● - punkt najwyższej sprawności wentylatora.

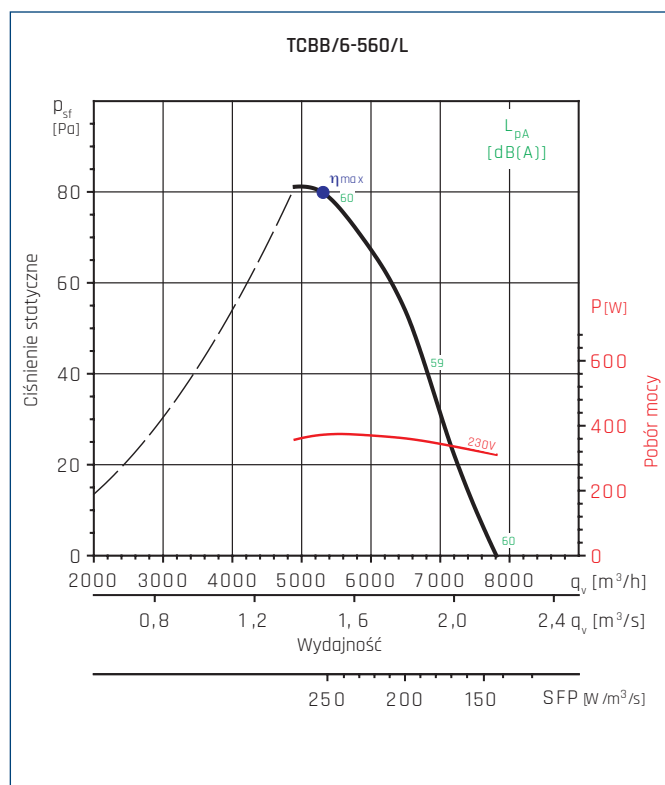


● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N  | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|----|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 29,6       | 40 | 0,224 | 3945   | 61   | 886   |

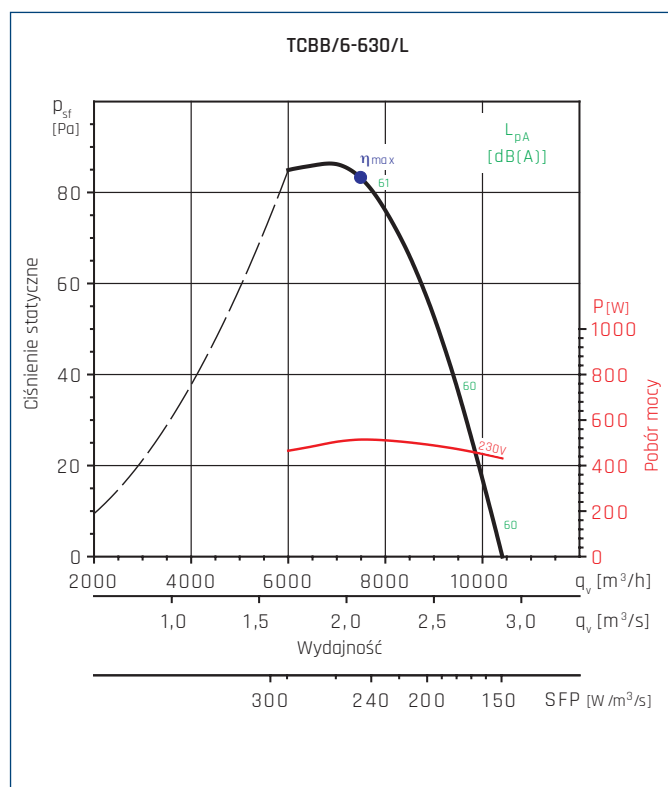
● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 31,6       | 40,6 | 0,372 | 5306   | 80   | 894   |

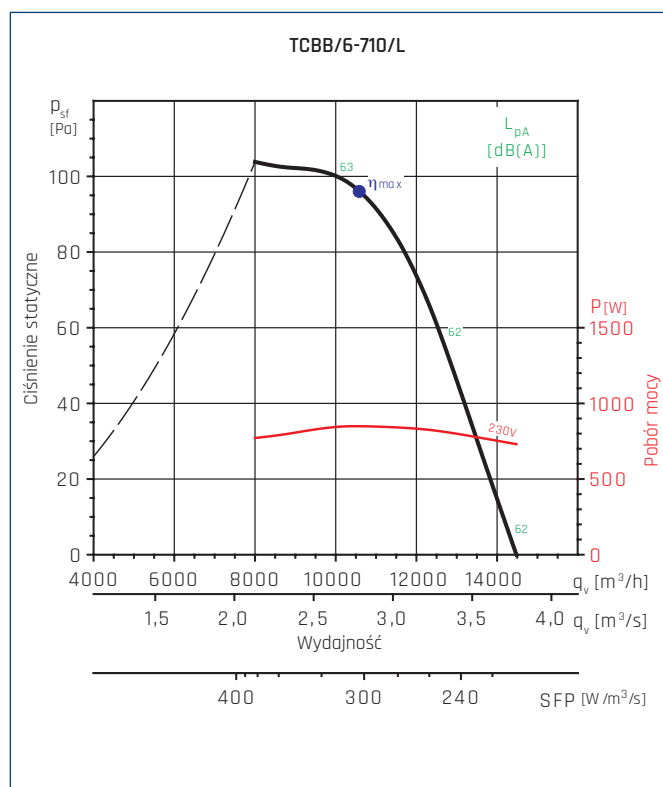
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



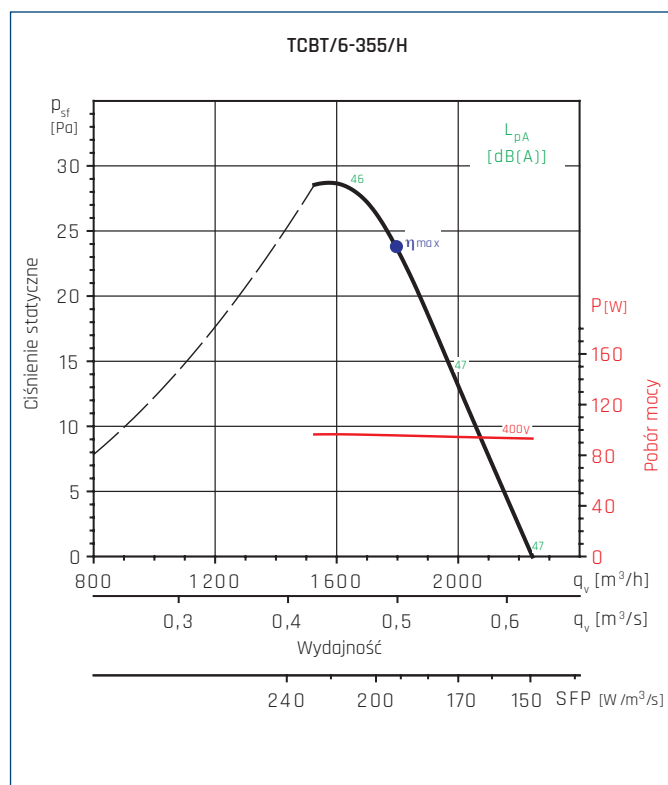
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 33,7       | 41,9 | 0,514 | 7499   | 83   | 889   |

• - punkt najwyższej sprawności wentylatora.

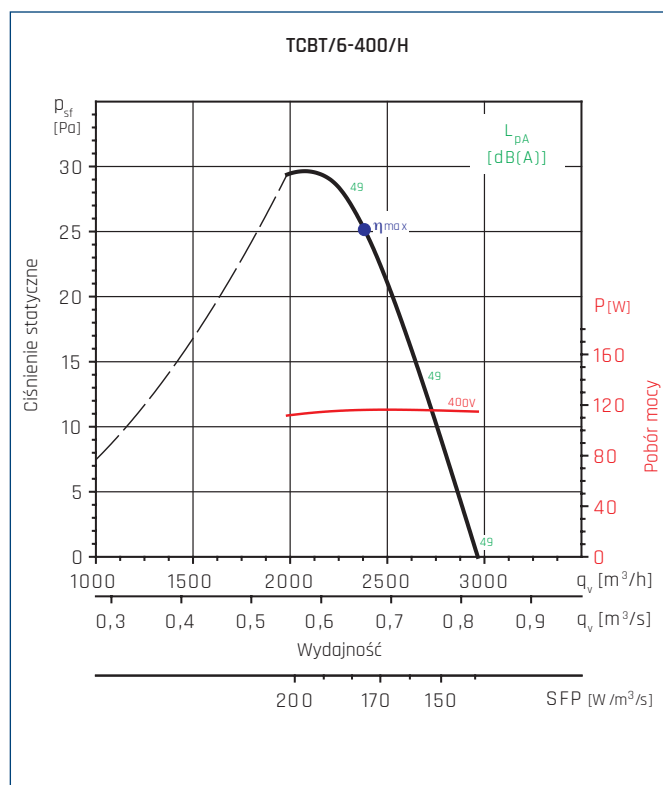


| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| C  | Statyczna | Nie | 1  | 33,3       | 40,1 | 0,849 | 10587  | 96   | 901   |

• - punkt najwyższej sprawności wentylatora.

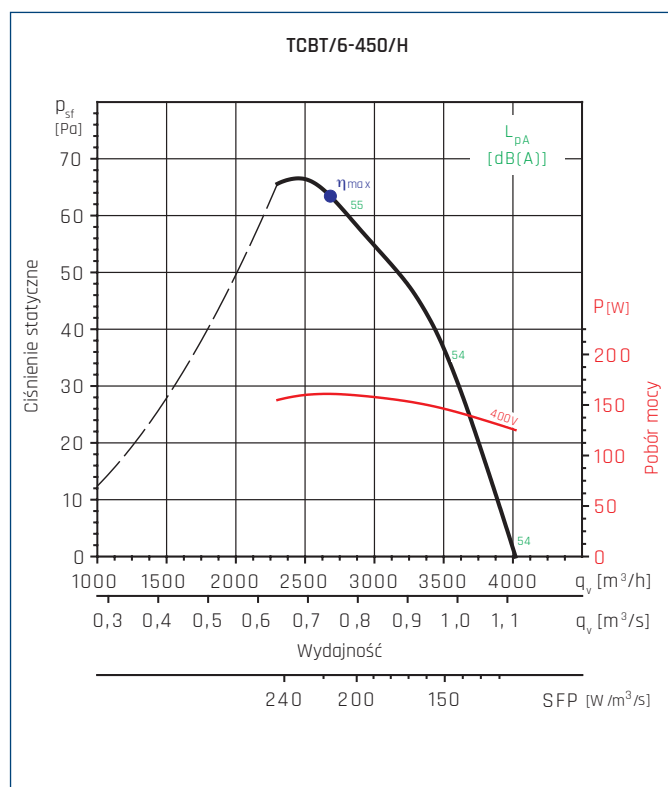


• - punkt najwyższej sprawności wentylatora.



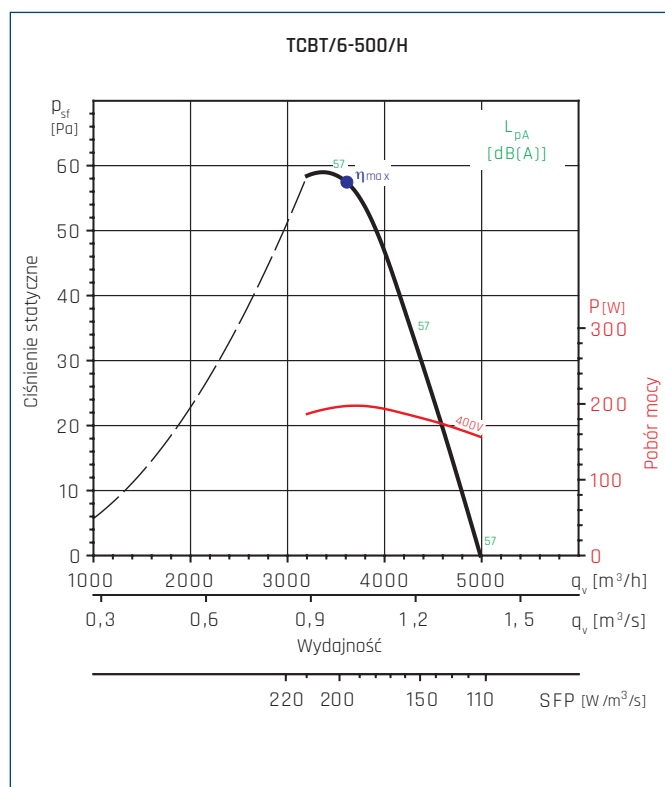
• - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



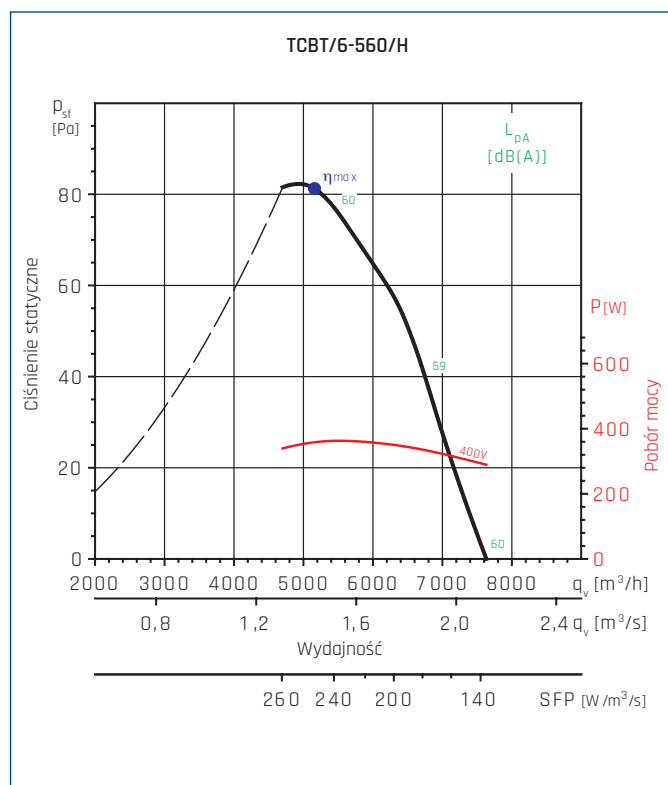
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [ $m^3/h$ ] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|-------------|------|-------|
| C  | Statyczna | Nie | 1  | 29,1       | 40,4 | 0,161 | 2684        | 63   | 911   |

● - punkt najwyższej sprawności wentylatora.



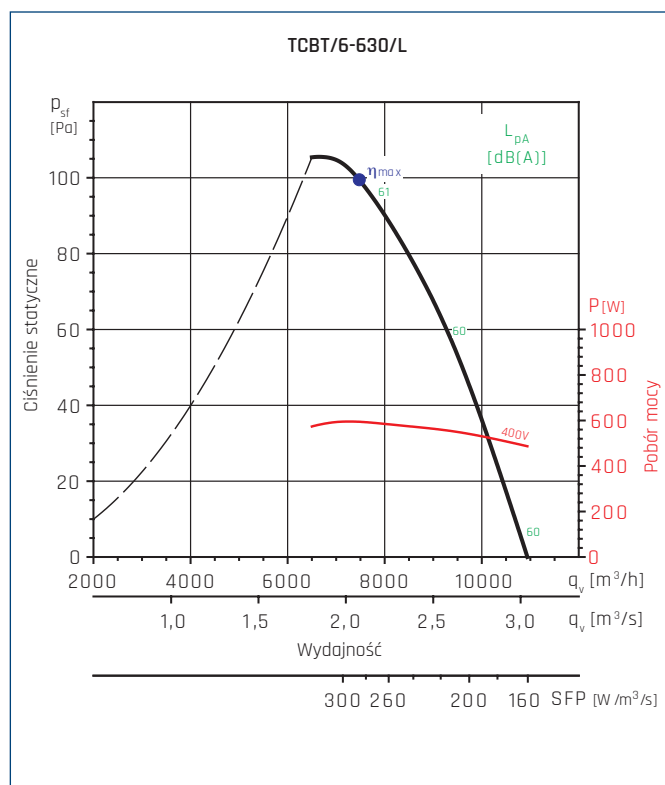
| MC | EC        | VSD | SR | $\eta$ [%] | N  | [kW]  | [ $m^3/h$ ] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|----|-------|-------------|------|-------|
| C  | Statyczna | Nie | 1  | 29,2       | 40 | 0,197 | 3608        | 58   | 899   |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [ $m^3/h$ ] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|-------------|------|-------|
| C  | Statyczna | Nie | 1  | 32,5       | 41,6 | 0,359 | 5164        | 81   | 895   |

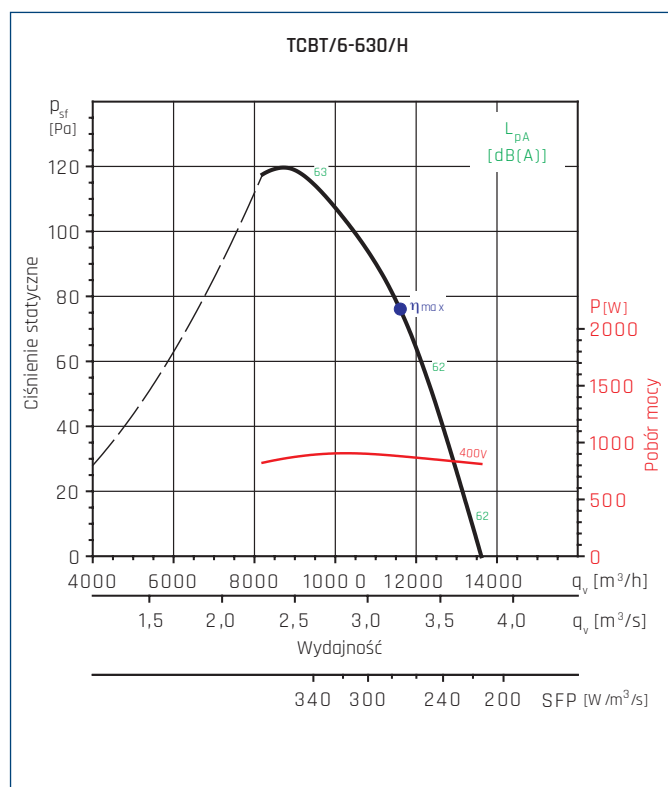
● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [ $m^3/h$ ] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|-------------|------|-------|
| C  | Statyczna | Nie | 1  | 34,6       | 42,4 | 0,594 | 7481        | 99   | 888   |

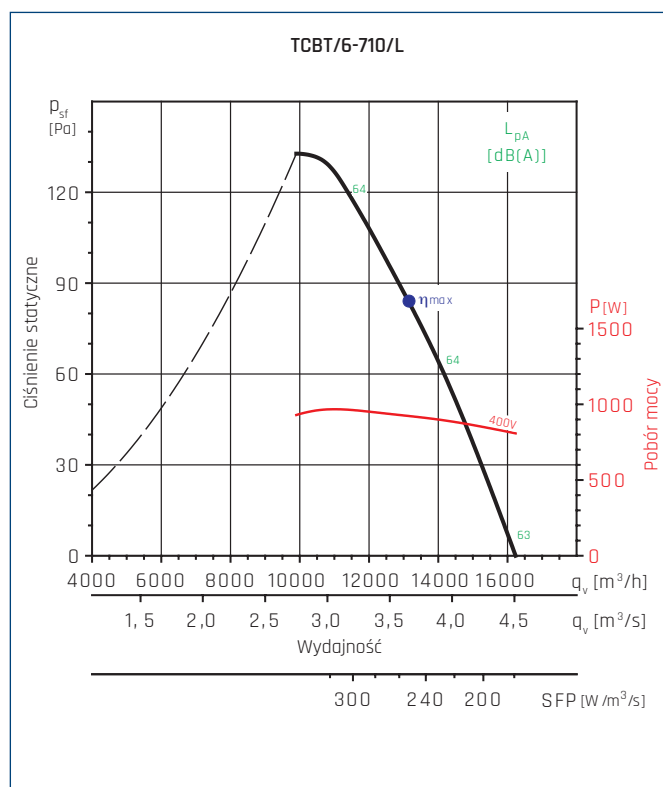
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



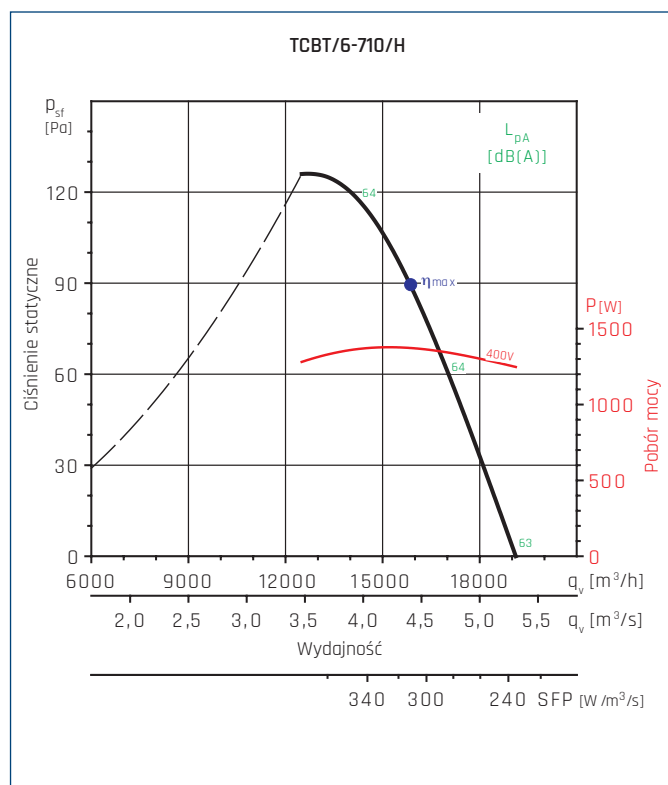
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 51,7       | 58,4 | 0,880 | 11606  | 141  | 949   |

● - punkt najwyższej sprawności wentylatora.



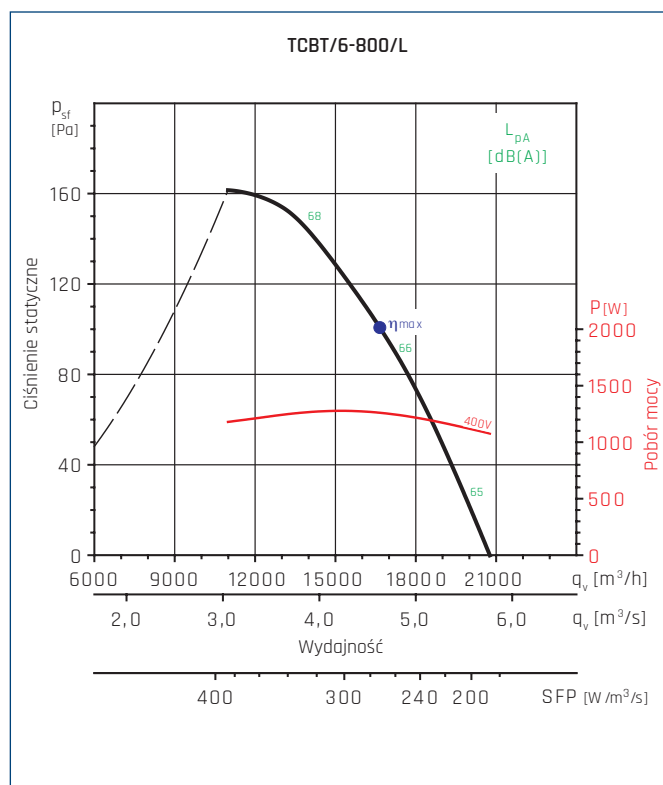
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 53,7       | 60,3 | 0,921 | 13209  | 134  | 894   |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 52,7       | 58,2 | 1,376 | 15643  | 167  | 897   |

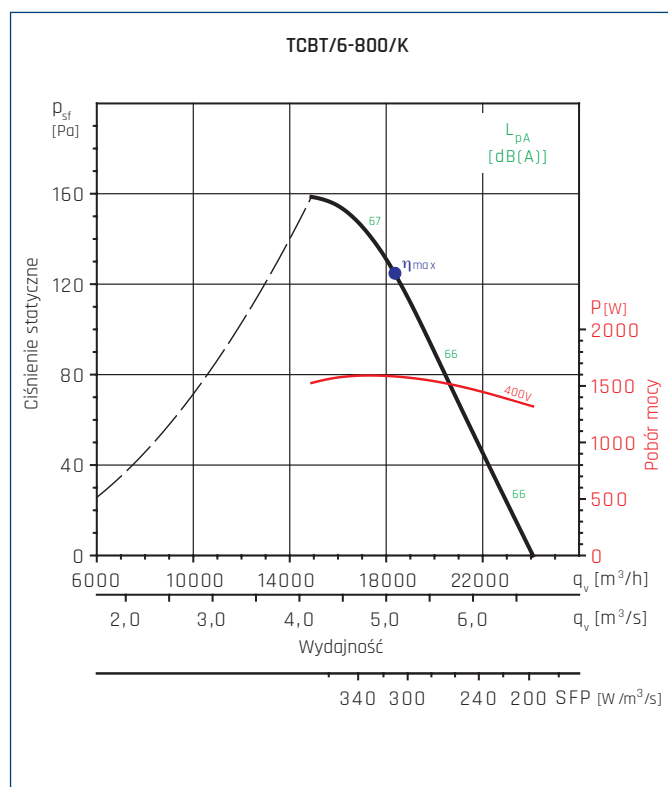
● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 56,0       | 61,7 | 1,260 | 16668  | 152  | 955   |

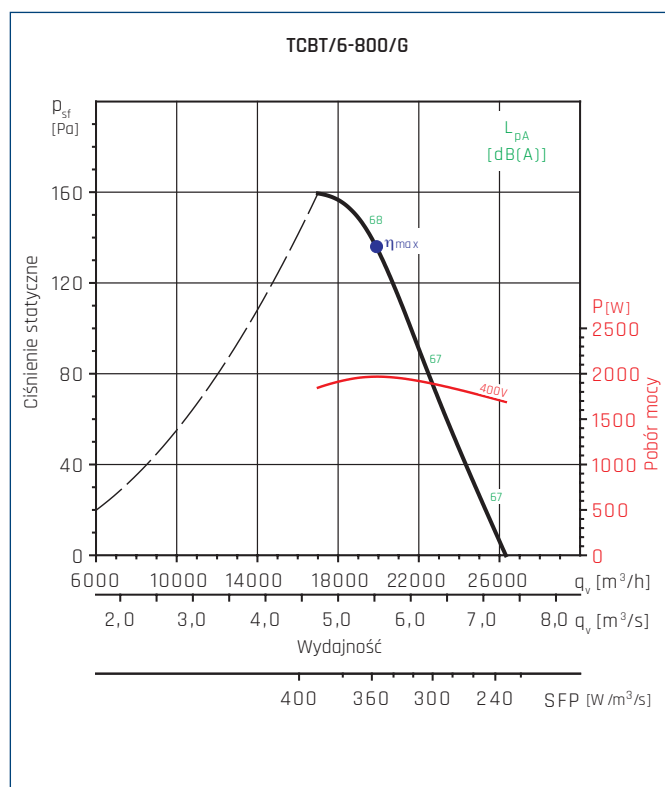
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKI PRACY



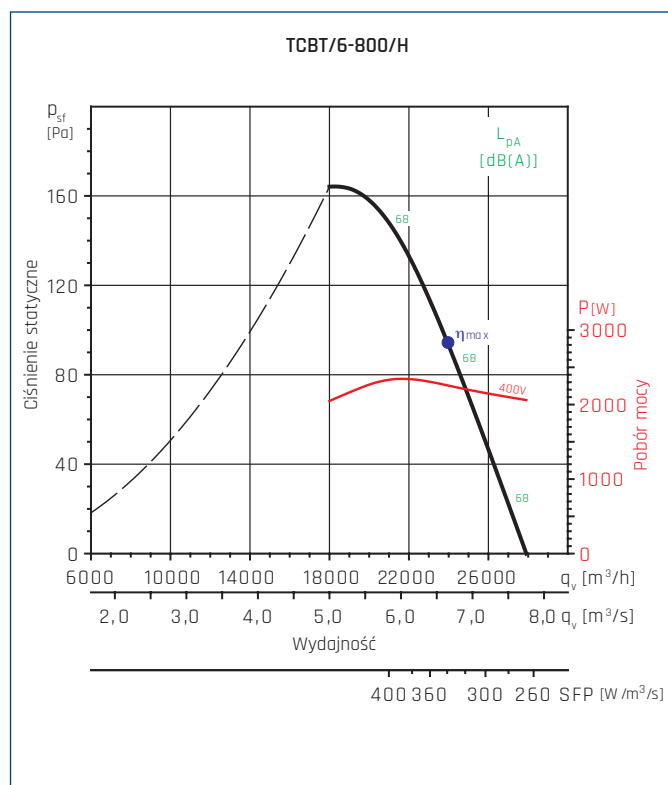
| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 60,1       | 65,2 | 1,584 | 18352  | 187  | 965   |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 58,6       | 63,1 | 1,968 | 19904  | 209  | 971   |

● - punkt najwyższej sprawności wentylatora.



| MC | EC        | VSD | SR | $\eta$ [%] | N    | [kW]  | [m³/h] | [Pa] | [RPM] |
|----|-----------|-----|----|------------|------|-------|--------|------|-------|
| D  | Całkowita | Nie | 1  | 59,0       | 63,1 | 2,257 | 23956  | 200  | 962   |

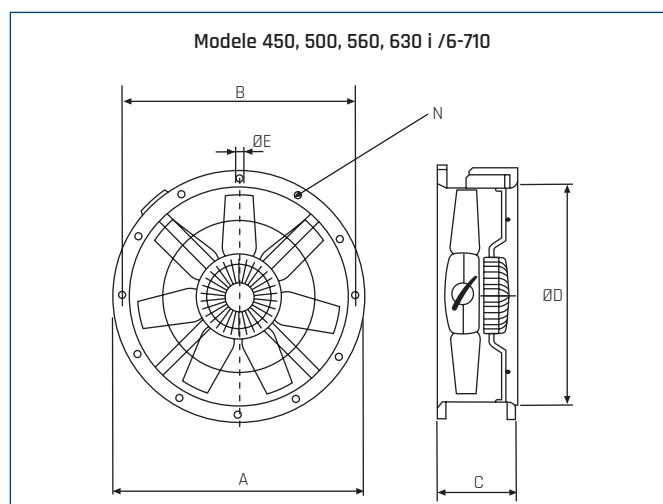
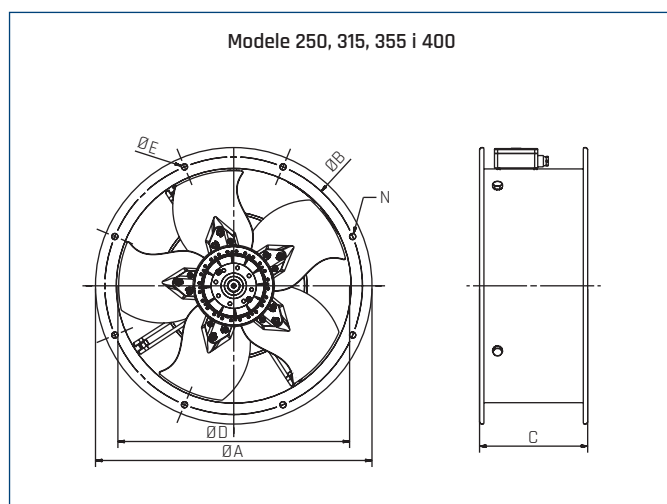
● - punkt najwyższej sprawności wentylatora.

## CHARAKTERYSTYKA AKUSTYCZNA

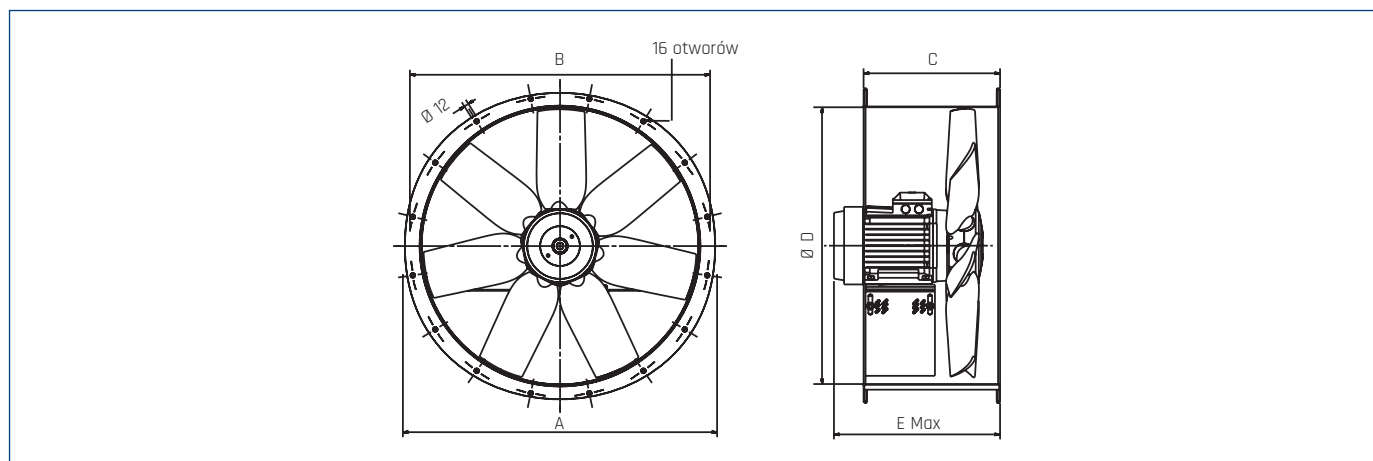
Poziom mocy akustycznej mierzony z odległości równej trzem średnicom wentylatora (jednak nie mniej niż 1,5m), dla poszczególnych częstotliwości.

| Typ      | Częstotliwość [Hz] / dB(A) |     |     |     |      |      |      |      |                 |
|----------|----------------------------|-----|-----|-----|------|------|------|------|-----------------|
|          | 63                         | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | L <sub>WA</sub> |
| /2-250/H | 31                         | 44  | 59  | 65  | 74   | 70   | 64   | 56   | 76              |
| /4-250/H | 24                         | 37  | 41  | 47  | 52   | 52   | 47   | 41   | 57              |
| /4-315/H | 40                         | 51  | 45  | 53  | 59   | 59   | 51   | 43   | 63              |
| /4-355/H | 24                         | 40  | 45  | 55  | 58   | 58   | 49   | 42   | 62              |
| /4-400/H | 46                         | 53  | 59  | 66  | 69   | 69   | 66   | 58   | 74              |
| /4-450/H | 46                         | 58  | 65  | 71  | 73   | 71   | 67   | 59   | 77              |
| /4-500/H | 50                         | 62  | 69  | 75  | 76   | 75   | 70   | 62   | 81              |
| /4-560/L | 52                         | 64  | 71  | 77  | 78   | 77   | 72   | 64   | 83              |
| /4-560/H | 53                         | 65  | 72  | 78  | 79   | 78   | 73   | 65   | 84              |
| /4-630/L | 56                         | 67  | 75  | 80  | 82   | 81   | 76   | 68   | 87              |
| /4-630/H | 56                         | 67  | 75  | 80  | 82   | 81   | 76   | 68   | 87              |
| /4-710/L | 53                         | 69  | 79  | 85  | 86   | 84   | 78   | 70   | 91              |
| /4-710/H | 60                         | 72  | 79  | 85  | 86   | 85   | 80   | 72   | 91              |
| /4-800/L | 57                         | 73  | 83  | 90  | 91   | 88   | 82   | 74   | 95              |
| /4-800/K | 63                         | 75  | 82  | 88  | 90   | 88   | 84   | 76   | 94              |
| /4-800/G | 64                         | 76  | 83  | 89  | 90   | 89   | 84   | 76   | 95              |
| /4-800/H | 66                         | 77  | 84  | 90  | 92   | 91   | 86   | 78   | 96              |
| /6-355/H | 31                         | 42  | 49  | 55  | 57   | 55   | 51   | 43   | 61              |
| /6-400/H | 33                         | 44  | 51  | 57  | 59   | 58   | 53   | 45   | 64              |
| /6-450/H | 40                         | 51  | 58  | 63  | 64   | 62   | 56   | 48   | 69              |
| /6-500/H | 43                         | 53  | 61  | 66  | 66   | 64   | 58   | 50   | 71              |
| /6-560/L | 46                         | 57  | 64  | 69  | 70   | 67   | 61   | 53   | 74              |
| /6-560/H | 46                         | 56  | 64  | 69  | 69   | 67   | 61   | 53   | 74              |
| /6-630/L | 49                         | 59  | 66  | 71  | 72   | 70   | 64   | 56   | 77              |
| /6-630/H | 51                         | 61  | 68  | 73  | 74   | 72   | 66   | 58   | 79              |
| /6-710/L | 52                         | 62  | 69  | 75  | 75   | 73   | 67   | 59   | 80              |
| /6-710/H | 53                         | 64  | 71  | 76  | 77   | 75   | 69   | 61   | 82              |
| /6-800/L | 51                         | 66  | 76  | 79  | 79   | 76   | 69   | 61   | 84              |
| /6-800/K | 51                         | 66  | 76  | 79  | 79   | 76   | 69   | 61   | 84              |
| /6-800/G | 56                         | 67  | 74  | 79  | 80   | 78   | 72   | 64   | 85              |
| /6-800/H | 58                         | 69  | 76  | 81  | 82   | 79   | 73   | 65   | 86              |

## WYMIARY [mm]



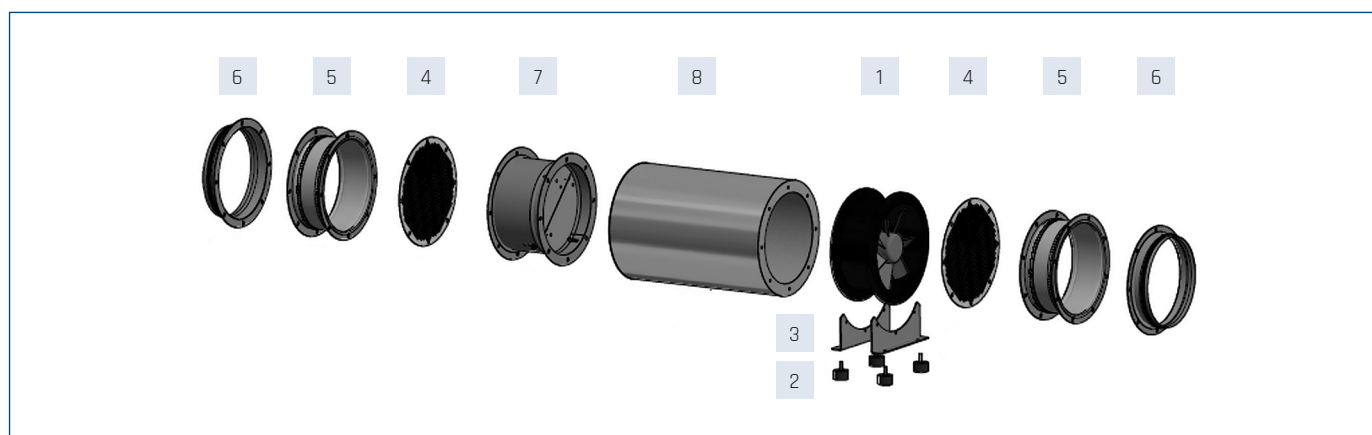
| Typ               | ØA  | ØB  | C   | ØD  | ØE | liczba otworów N |
|-------------------|-----|-----|-----|-----|----|------------------|
| 250               | 327 | 292 | 170 | 254 | 10 | 4                |
| 315               | 386 | 355 | 170 | 315 | 10 | 8                |
| 355               | 426 | 395 | 170 | 355 | 10 | 8                |
| 400 (6 biegunowy) | 487 | 450 | 170 | 400 | 12 | 8                |
| 400 (4 biegunowy) | 487 | 450 | 210 | 400 | 12 | 8                |
| 450               | 537 | 500 | 180 | 450 | 12 | 8                |
| 500               | 595 | 560 | 180 | 500 | 12 | 12               |
| 560               | 655 | 620 | 240 | 560 | 12 | 12               |
| 630               | 725 | 690 | 240 | 630 | 12 | 12               |
| 710 (6 biegunowy) | 806 | 770 | 240 | 710 | 12 | 16               |



| Typ                 | ØA  | B   | C   | ØD  | E                            |             |             |
|---------------------|-----|-----|-----|-----|------------------------------|-------------|-------------|
|                     |     |     |     |     | 4 biegunowy                  | 6 biegunowy | 8 biegunowy |
| 710/L (4 biegunowy) | 806 | 770 | 380 | 710 | 415                          | -           | -           |
| 710/H (4 biegunowy) | 806 | 770 | 380 | 710 | 444                          | -           | -           |
| 800/L               | 896 | 860 | 380 | 800 | 437                          | 408         | 383         |
| 800/K               | 896 | 860 | 380 | 800 | 448                          | 437         | 408         |
| 800/G               | 896 | 860 | 380 | 800 | 447 (5,5 kW)<br>515 (7,5 kW) | 448         | 437         |
| 800/H               | 896 | 860 | 380 | 800 | 515                          | 477         | 437         |



## AKCESORIA MONTAŻOWE



| 1          | 2             | 3             | 4                 | 5                 | 6            | 7             |
|------------|---------------|---------------|-------------------|-------------------|--------------|---------------|
| Wentylator | wibroizolator | stopa montaż. | siatka ochr.      | złącze p-drg.     | króciec      | klapa zwrotna |
| 250        | AVM 20        | STOPA Ø250    | OŚŁONA WLOTU Ø250 | ZŁĄCZE P-DRG Ø250 | KRÓCIEC Ø250 | KZ Ø250       |
| 315        | AVM 20        | STOPA Ø315    | OŚŁONA WLOTU Ø315 | ZŁĄCZE P-DRG Ø315 | KRÓCIEC Ø315 | KZ Ø315       |
| 355        | AVM 20        | STOPA Ø355    | OŚŁONA WLOTU Ø355 | ZŁĄCZE P-DRG Ø355 | KRÓCIEC Ø355 | KZ Ø355       |
| 400        | AVM 20        | STOPA Ø400    | OŚŁONA WLOTU Ø400 | ZŁĄCZE P-DRG Ø400 | KRÓCIEC Ø400 | KZ Ø400       |
| 450        | AVM 20        | STOPA Ø450    | OŚŁONA WLOTU Ø450 | ZŁĄCZE P-DRG Ø450 | KRÓCIEC Ø450 | KZ Ø450       |
| 500        | AVM 20        | STOPA Ø500    | OŚŁONA WLOTU Ø500 | ZŁĄCZE P-DRG Ø500 | KRÓCIEC Ø500 | KZ Ø500       |
| 560        | AVM 20        | STOPA Ø560    | OŚŁONA WLOTU Ø560 | ZŁĄCZE P-DRG Ø560 | KRÓCIEC Ø560 | KZ Ø560       |
| 630        | AVM 20        | STOPA Ø630    | OŚŁONA WLOTU Ø630 | ZŁĄCZE P-DRG Ø630 | KRÓCIEC Ø630 | KZ Ø630       |
| 710        | AVM 20        | STOPA Ø710    | OŚŁONA WLOTU Ø710 | ZŁĄCZE P-DRG Ø710 | KRÓCIEC Ø710 | KZ Ø710       |
| 800        | AVM 35        | STOPA Ø800    | OŚŁONA WLOTU Ø800 | ZŁĄCZE P-DRG Ø800 | KRÓCIEC Ø800 | KZ Ø800       |

| 1          | 8              |                 |                 |                 |                  |                  |
|------------|----------------|-----------------|-----------------|-----------------|------------------|------------------|
| Wentylator | tłumik 1xØ     | tłumik 1,5xØ    | tłumik 2xØ      | tłumik 1xØ      | tłumik 1,5xØ     | tłumik 2xØ       |
| 250        | SIL-CZ-250-250 | SIL-CZ-250-375  | SIL-CZ-250-500  | SIL-CZO-250-250 | SIL-CZO-250-375  | SIL-CZO-250-500  |
| 315        | SIL-CZ-315-315 | SIL-CZ-315-473  | SIL-CZ-315-630  | SIL-CZO-315-315 | SIL-CZO-315-473  | SIL-CZO-315-630  |
| 355        | SIL-CZ-355-355 | SIL-CZ-355-533  | SIL-CZ-355-710  | SIL-CZO-355-355 | SIL-CZO-355-533  | SIL-CZO-355-710  |
| 400        | SIL-CZ-400-400 | SIL-CZ-400-600  | SIL-CZ-400-800  | SIL-CZO-400-400 | SIL-CZO-400-600  | SIL-CZO-400-800  |
| 450        | SIL-CZ-450-450 | SIL-CZ-450-675  | SIL-CZ-450-900  | SIL-CZO-450-450 | SIL-CZO-450-675  | SIL-CZO-450-900  |
| 500        | SIL-CZ-500-500 | SIL-CZ-500-750  | SIL-CZ-500-1000 | SIL-CZO-500-500 | SIL-CZO-500-750  | SIL-CZO-500-1000 |
| 560        | SIL-CZ-560-560 | SIL-CZ-560-840  | SIL-CZ-560-1120 | SIL-CZO-560-560 | SIL-CZO-560-840  | SIL-CZO-560-1120 |
| 630        | SIL-CZ-630-630 | SIL-CZ-630-945  | SIL-CZ-630-1260 | SIL-CZO-630-630 | SIL-CZO-630-945  | SIL-CZO-630-1260 |
| 710        | SIL-CZ-710-710 | SIL-CZ-710-1065 | SIL-CZ-710-1420 | SIL-CZO-710-710 | SIL-CZO-710-1065 | SIL-CZO-710-1420 |
| 800        | SIL-CZ-800-800 | SIL-CZ-800-1200 | SIL-CZ-800-1600 | SIL-CZO-800-800 | SIL-CZO-800-1200 | SIL-CZO-800-1600 |

## Numerы artykułów

|                   |          |                   |          |                   |             |                 |             |                  |             |
|-------------------|----------|-------------------|----------|-------------------|-------------|-----------------|-------------|------------------|-------------|
| KRÓCIEC Ø250      | 42517100 | OŚŁONA WLOTU Ø400 | 42518130 | ZŁĄCZE P-DRG Ø450 | 42519540    | SIL-CZ-500-1000 | 42519000-39 | SIL-CZO-400-600  | 42519000-02 |
| KRÓCIEC Ø315      | 42517110 | OŚŁONA WLOTU Ø450 | 42518140 | ZŁĄCZE P-DRG Ø500 | 42519550    | SIL-CZ-560-560  | 42519000-40 | SIL-CZO-400-800  | 42519000-03 |
| KRÓCIEC Ø355      | 42517120 | OŚŁONA WLOTU Ø500 | 42518150 | ZŁĄCZE P-DRG Ø560 | 42519560    | SIL-CZ-560-840  | 42519000-41 | SIL-CZO-450-450  | 42519000-04 |
| KRÓCIEC Ø400      | 42517130 | OŚŁONA WLOTU Ø560 | 42518160 | ZŁĄCZE P-DRG Ø630 | 42519570    | SIL-CZ-560-1120 | 42519000-42 | SIL-CZO-450-675  | 42519000-05 |
| KRÓCIEC Ø450      | 42517140 | OŚŁONA WLOTU Ø630 | 42518170 | ZŁĄCZE P-DRG Ø710 | 42519585    | SIL-CZ-630-630  | 42519000-43 | SIL-CZO-450-900  | 42519000-06 |
| KRÓCIEC Ø500      | 42517150 | OŚŁONA WLOTU Ø710 | 42518185 | ZŁĄCZE P-DRG Ø800 | 42519595    | SIL-CZ-630-945  | 42519000-44 | SIL-CZO-500-500  | 42519000-07 |
| KRÓCIEC Ø560      | 42517160 | OŚŁONA WLOTU Ø800 | 42518195 | SIL-CZ-250-250    | 42519010-01 | SIL-CZ-630-1260 | 42519000-45 | SIL-CZO-500-750  | 42519000-08 |
| KRÓCIEC Ø630      | 42517170 | STOPA Ø250        | 42516100 | SIL-CZ-250-375    | 42519010-02 | SIL-CZ-710-710  | 42519000-46 | SIL-CZO-500-1000 | 42519000-09 |
| KRÓCIEC Ø710      | 42517185 | STOPA Ø315        | 42516110 | SIL-CZ-250-500    | 42519010-03 | SIL-CZ-710-1065 | 42519000-47 | SIL-CZO-560-560  | 42519000-10 |
| KRÓCIEC Ø800      | 42517195 | STOPA Ø355        | 42516120 | SIL-CZ-315-315    | 42519010-04 | SIL-CZ-710-1420 | 42519000-48 | SIL-CZO-560-840  | 42519000-11 |
| KZ Ø250           | 42516500 | STOPA Ø400        | 42516130 | SIL-CZ-315-473    | 42519010-05 | SIL-CZ-800-800  | 42519000-49 | SIL-CZO-560-1120 | 42519000-12 |
| KZ Ø315           | 42516504 | STOPA Ø450        | 42516140 | SIL-CZ-315-630    | 42519010-06 | SIL-CZ-800-1200 | 42519000-50 | SIL-CZO-630-630  | 42519000-13 |
| KZ Ø355           | 42516508 | STOPA Ø500        | 42516150 | SIL-CZ-355-355    | 42519010-07 | SIL-CZ-800-1600 | 42519000-51 | SIL-CZO-630-945  | 42519000-14 |
| KZ Ø400           | 42516512 | STOPA Ø560        | 42516160 | SIL-CZ-355-533    | 42519010-08 | SIL-CZO-250-250 | 42519001    | SIL-CZO-630-1260 | 42519000-15 |
| KZ Ø450           | 42516516 | STOPA Ø630        | 42516170 | SIL-CZ-355-710    | 42519010-09 | SIL-CZO-250-375 | 42519001-01 | SIL-CZO-710-710  | 42519000-16 |
| KZ Ø500           | 42516520 | STOPA Ø710        | 42516185 | SIL-CZ-400-400    | 42519000-31 | SIL-CZO-250-500 | 42519001-02 | SIL-CZO-710-1065 | 42519000-17 |
| KZ Ø560           | 42516524 | STOPA Ø800        | 42516195 | SIL-CZ-400-600    | 42519000-32 | SIL-CZO-315-315 | 42519001-03 | SIL-CZO-710-1420 | 42519000-18 |
| KZ Ø630           | 42516528 | AVM 35            | 26040965 | SIL-CZ-400-800    | 42519000-33 | SIL-CZO-315-473 | 42519001-04 | SIL-CZO-800-800  | 42519000-19 |
| KZ Ø710           | 42516536 | AVM 20            | 26040960 | SIL-CZ-450-450    | 42519000-34 | SIL-CZO-315-630 | 42519001-05 | SIL-CZO-800-1200 | 42519000-20 |
| KZ Ø800           | 42516544 | ZŁĄCZE P-DRG Ø250 | 42519500 | SIL-CZ-450-675    | 42519000-35 | SIL-CZO-355-355 | 42519001-06 | SIL-CZO-800-1600 | 42519000-21 |
| OŚŁONA WLOTU Ø250 | 42518100 | ZŁĄCZE P-DRG Ø315 | 42519510 | SIL-CZ-450-900    | 42519000-36 | SIL-CZO-355-533 | 42519001-07 |                  |             |
| OŚŁONA WLOTU Ø315 | 42518110 | ZŁĄCZE P-DRG Ø355 | 42519520 | SIL-CZ-500-500    | 42519000-37 | SIL-CZO-355-710 | 42519001-08 |                  |             |
| OŚŁONA WLOTU Ø355 | 42518120 | ZŁĄCZE P-DRG Ø400 | 42519530 | SIL-CZ-500-750    | 42519000-38 | SIL-CZO-400-400 | 42519000-01 |                  |             |

## AKCESORIA MONTAŻOWE

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |  |
| stopy montażowe<br>str. 394                                                       | siatka ochronna<br>str. 394                                                       | złącze przeciwdrgan.<br>str. 397                                                  | króciec<br>str. 395                                                               | klapa zwrotna<br>str. 396                                                         |

## AKCESORIA ELEKTRYCZNE - SILNIKI JEDNOFAZOWE

| Wentylator   | termostat ścienny | termostat kanałowy | czujnik zanieczyszczenia | higrostat     | regulator tyrystorowy |           |        |
|--------------|-------------------|--------------------|--------------------------|---------------|-----------------------|-----------|--------|
|              | TS                | TK-1               | SQA                      | HIG-2         | REB N                 | REB NE    | TLR    |
| TCBB/2-250/H | TS                | TK-1               | SQA                      | HIG-2         | -                     | -         | -      |
| TCBB/4-250/H | TS                | TK-1               | SQA                      | HIG-2         | REB-1N                | REB-1NE   | TLR 15 |
| TCBB/4-315/H | TS                | TK-1               | SQA                      | HIG-2         | REB-1N                | REB-1NE   | TLR 15 |
| TCBB/4-355/H | TS                | TK-1               | SQA                      | HIG-2         | REB-1N                | REB-1NE   | TLR 15 |
| TCBB/4-400/H | TS                | TK-1               | SQA                      | HIG-2         | REB-2,5N              | REB-2,5NE | TLR 15 |
| TCBB/4-450/H | TS                | TK-1               | SQA + DILM7              | HIG-2 + DILM7 | REB-5                 | -         | -      |
| TCBB/4-500/H | TS                | TK-1               | SQA + DILM7              | HIG-2 + DILM7 | REB-5                 | -         | -      |
| TCBB/4-560/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7 | REB-10                | -         | -      |
| TCBB/4-560/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7 | -                     | -         | -      |
| TCBB/4-630/L | TS + DILM9        | TK-1 + DILM9       | SQA + DILM7              | HIG-2 + DILM7 | -                     | -         | -      |
| TCBB/6-355/H | TS                | TK-1               | SQA                      | HIG-2         | REB-1N                | REB-1NE   | TLR 15 |
| TCBB/6-400/H | TS                | TK-1               | SQA                      | HIG-2         | REB-1N                | REB-1NE   | TLR 15 |
| TCBB/6-500/H | TS                | TK-1               | SQA                      | HIG-2         | REB-2,5N              | REB-2,5NE | TLR 15 |
| TCBB/6-560/L | TS                | TK-1               | SQA + DILM7              | HIG-2 + DILM7 | REB-2,5N              | REB-2,5NE | TLR 25 |
| TCBB/6-630/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7 | REB-2,5N              | REB-2,5NE | TLR 25 |
| TCBB/6-710/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7 | -                     | -         | -      |

| Wentylator   | regulator transformatorowy |         | regulator transformatorowy 2-nastawowy |             | 11-stopniowy regulator tyrystorowy | 2-nastawowy 6-biegowy regulator tyrystorowy | ERV    |
|--------------|----------------------------|---------|----------------------------------------|-------------|------------------------------------|---------------------------------------------|--------|
|              | RVS                        | RMB     | SC2                                    | SC2A        | IRF                                |                                             |        |
| TCBB/2-250/H | -                          | -       | -                                      | -           | -                                  | -                                           | -      |
| TCBB/4-250/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | -                                  | -                                           | -      |
| TCBB/4-315/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | IRF 900                            | RND-1                                       | ERV 3  |
| TCBB/4-355/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | IRF 900                            | RND-1                                       | ERV 3  |
| TCBB/4-400/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | IRF 900                            | RND-1                                       | ERV 3  |
| TCBB/4-450/H | RVS 3                      | RMB 3,5 | SC2-1-35L25                            | SC2A1-35L25 | IRF 900                            | -                                           | ERV 5  |
| TCBB/4-500/H | RVS 3                      | RMB 3,5 | SC2-1-35L25                            | SC2A1-35L25 | IRF 900                            | -                                           | ERV 5  |
| TCBB/4-560/L | RVS 7                      | RMB 8   | SC2-1-75L25                            | SC2A1-75L25 | -                                  | -                                           | ERV 10 |
| TCBB/4-560/H | -                          | -       | -                                      | -           | -                                  | -                                           | -      |
| TCBB/4-630/L | -                          | -       | -                                      | -           | -                                  | -                                           | -      |
| TCBB/6-355/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | -                                  | RND-1                                       | ERV 3  |
| TCBB/6-400/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | IRF 900                            | RND-1                                       | ERV 3  |
| TCBB/6-500/H | RVS 1,5                    | RMB 1,5 | SC2-1-15L25                            | SC2A1-15L25 | IRF 900                            | RND-1                                       | ERV 3  |
| TCBB/6-560/L | RVS 3                      | RMB 3,5 | SC2-1-25L25                            | SC2A1-25L25 | IRF 900                            | RND-1                                       | ERV 5  |
| TCBB/6-630/L | RVS 3                      | RMB 3,5 | SC2-1-25L25                            | SC2A1-25L25 | IRF 900                            | RND-1                                       | ERV 5  |
| TCBB/6-710/L | -                          | -       | -                                      | -           | -                                  | -                                           | -      |

## AKCESORIA ELEKTRYCZNE - SILNIKI TRÓJFAZOWE

| Wentylator   | termostat ścienny | termostat kanałowy | czujnik zanieczyszczenia | higrostat      | regulator transformatorowy | regulator transformatorowy 2-nastawowy | falownik        |
|--------------|-------------------|--------------------|--------------------------|----------------|----------------------------|----------------------------------------|-----------------|
|              | TS                | TK-1               | SQA                      | HIG-2          | RMT                        | SC2A                                   |                 |
| TCBT/2-250/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 0.4kW  |
| TCBT/4-250/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/4-315/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/4-355/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/4-400/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/4-450/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.75kW |
| TCBT/4-500/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 2,5                    | SC2A4-25L55                            | Falownik 0.75kW |
| TCBT/4-560/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 2,5                    | SC2A4-25L55                            | Falownik 0.75kW |
| TCBT/4-560/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 0,75kW |
| TCBT/4-630/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/4-630/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/4-710/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/4-710/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 4,0kW  |
| TCBT/4-800/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 4,0kW  |
| TCBT/4-800/K | TS + DILM9        | TK-1 + DILM9       | SQA + DILM9              | HIG-2 + DILM9  | -                          | -                                      | Falownik 4,0kW  |
| TCBT/4-800/G | TS + DILM12       | TK-1 + DILM12      | SQA + DILM12             | HIG-2 + DILM12 | -                          | -                                      | Falownik 5.5kW  |
| TCBT/4-800/H | TS + DILM15       | TK-1 + DILM15      | SQA + DILM15             | HIG-2 + DILM15 | -                          | -                                      | Falownik 7.5kW  |
| TCBT/6-355/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/6-400/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/6-450/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/6-500/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/6-560/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.4kW  |
| TCBT/6-630/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 1,5                    | SC2A4-15L55                            | Falownik 0.75kW |
| TCBT/6-630/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | RMT 5                      | SC2A4-40L55                            | Falownik 1,5kW  |
| TCBT/6-710/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 0,75kW |
| TCBT/6-710/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/6-800/L | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/6-800/K | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 1,5kW  |
| TCBT/6-800/G | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 2,2kW  |
| TCBT/6-800/H | TS + DILM7        | TK-1 + DILM7       | SQA + DILM7              | HIG-2 + DILM7  | -                          | -                                      | Falownik 2,2kW  |

## Numery artykułów

|         |             |           |          |            |          |             |          |             |          |
|---------|-------------|-----------|----------|------------|----------|-------------|----------|-------------|----------|
| DILM7   | 91040997    | L 0.75kW  | 40016312 | REB-2.5 NE | 40025040 | RVS-3       | 40025234 | SC2A1-75L25 | 40025259 |
| DILM9   | 91040666-40 | L 1.5kW   | 40016322 | REB-5      | 40025051 | RVS-5       | 40025235 | SC2A4-15L55 | 40025270 |
| DILM12  | 91040666-41 | L 2.2kW   | 40016332 | RMB-1.5    | 40025060 | RVS-7       | 40025236 | SC2A4-25L55 | 40025272 |
| DILM15  | 91040666-42 | L 4.0kW   | 40016352 | RMB-3.5    | 40025070 | SC2-1-15L25 | 40025250 | SC2A4-40L55 | 40025274 |
| ERV-10  | 40025054    | L 5.5kW   | 40016362 | RMB-8      | 40025080 | SC2-1-25L25 | 40025252 | SC2A4-60L55 | 40025276 |
| ERV-3   | 40025046    | L 7.5kW   | 40016372 | RMT-1.5    | 40025100 | SC2-1-35L25 | 40025254 | SQA         | 40025140 |
| ERV-5   | 40025053    | REB-1 N   | 40025010 | RMT-2.5    | 40025105 | SC2-1-75L25 | 40025258 | TK-1        | 40025330 |
| HIG-2   | 40025150    | REB-1 NE  | 40025020 | RMT-5      | 40025115 | SC2A1-15L25 | 40025251 | TLR 15 DS   | 40025025 |
| IRF-900 | 40015154    | REB-10    | 40025055 | RND-1      | 40025630 | SC2A1-25L25 | 40025253 | TLR 25 DS   | 40025045 |
| L 0.4kW | 40016302    | REB-2.5 N | 40025030 | RVS-1.5    | 40025232 | SC2A1-35L25 | 40025255 | TS          | 40025345 |

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| termostat<br>TS<br>str. 650                                                         | termostat<br>TK-1<br>str. 650                                                       | czujnik<br>SQA<br>str. 645                                                          | higrostat<br>HIG-2<br>str. 645                                                      | regulator<br>REB<br>str. 639                                                        | regulator<br>TLR<br>str. 639                                                        | regulator<br>IRF<br>str. 639                                                         | regulator<br>RND-1<br>str. 641                                                        | regulator<br>ERV<br>str. 642                                                          | regulator<br>RMB/RMT<br>str. 640                                                      |
|  |  |  |  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| regulator<br>RVS<br>str. 640                                                        | transformator<br>2-nastawowy<br>str. 641                                            | falownik<br>str. 641                                                                | stycznik<br>DILM<br>str. 643                                                        |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |