

## CMV ECO



**Wentylatory chemoodporne promieniowe CMV ECO** przeznaczone są do transportu:

- agresywnych związków chemicznych,
- wilgotnych gazów
- spalin.

Odpowiednie do pracy w odciągach i digestoriach w przemyśle chemicznym jak również znajdują szerokie zastosowanie w obiektach użyteczności publicznej takich jak szpitale, laboratoria, szkoły.

## Opis

### Zastosowanie:

Odpowiednie do pracy w odciągach i digestoriach w przemyśle chemicznym jak również znajdują szerokie zastosowanie w obiektach użyteczności publicznej takich jak szpitale, laboratoria, szkoły.

### Konstrukcja:

- wirnik z łopatkami pochylonymi do przodu wykonany z polipropylenu PPs,
- obudowa wykonana z polipropylenu PPs,
- podstawa pod silnik wykonana z blachy galwanizowanej,
- osłona przeciwdławkowa,
- figura standardowa LG90,
- maksymalna temperatura tłoczonego medium,
- 700°C (wykonanie standardowe) lub 600°C (wykonanie ATEX),
- temperatura otoczenia silnika od -200°C do +400°C.

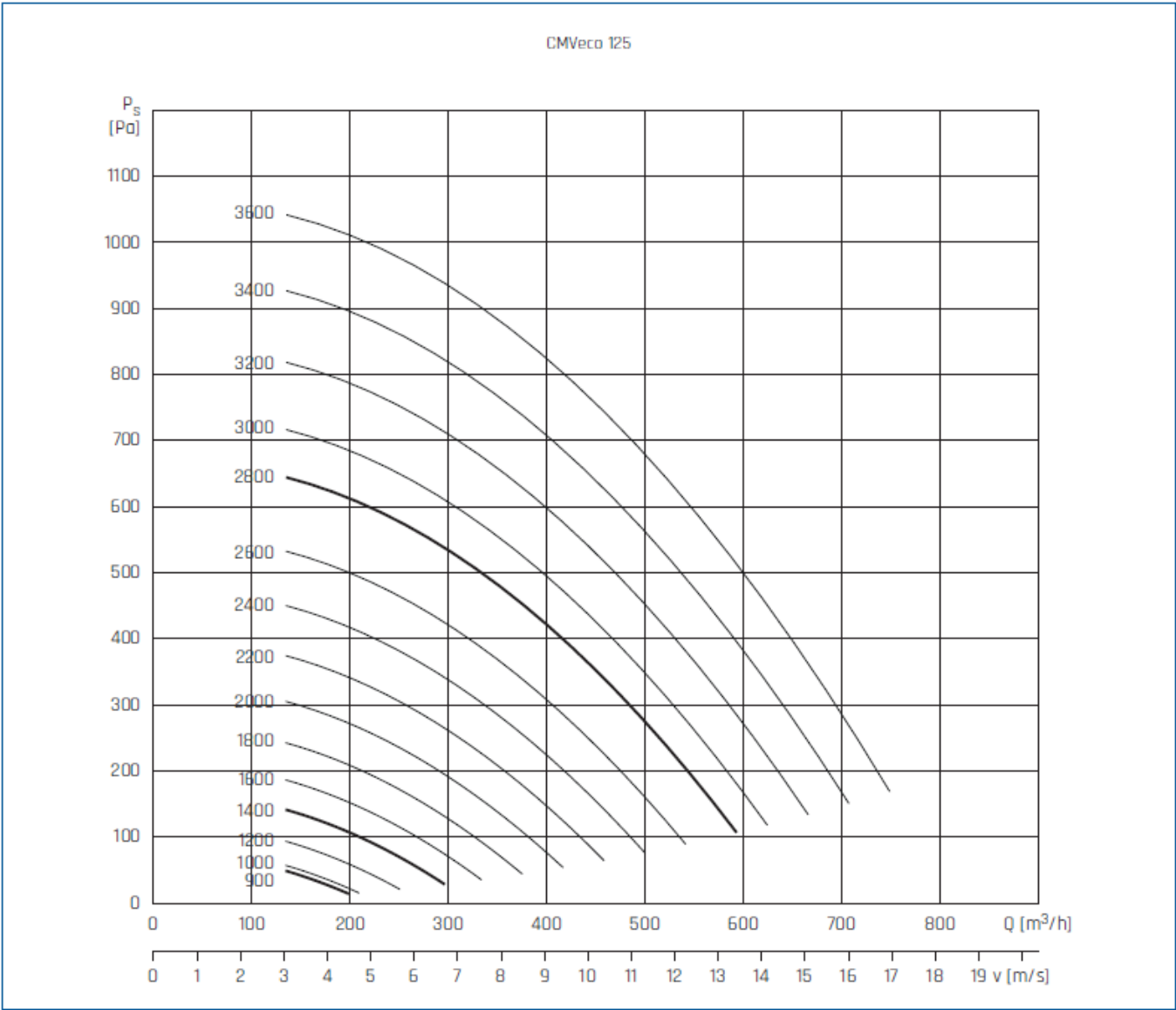
### Silniki elektryczne:

- asynchroniczny, jednofazowy, 230 V, 50 Hz (w zależności od modelu),
- asynchroniczny, trójfazowy, 230/400 V, 50 Hz,
- stopień ochrony IP55,
- klasa izolacji F,
- do regulacji częstotliwościowej (silniki trójfazowe) lub regulacji napięciowej (silniki jednofazowe).

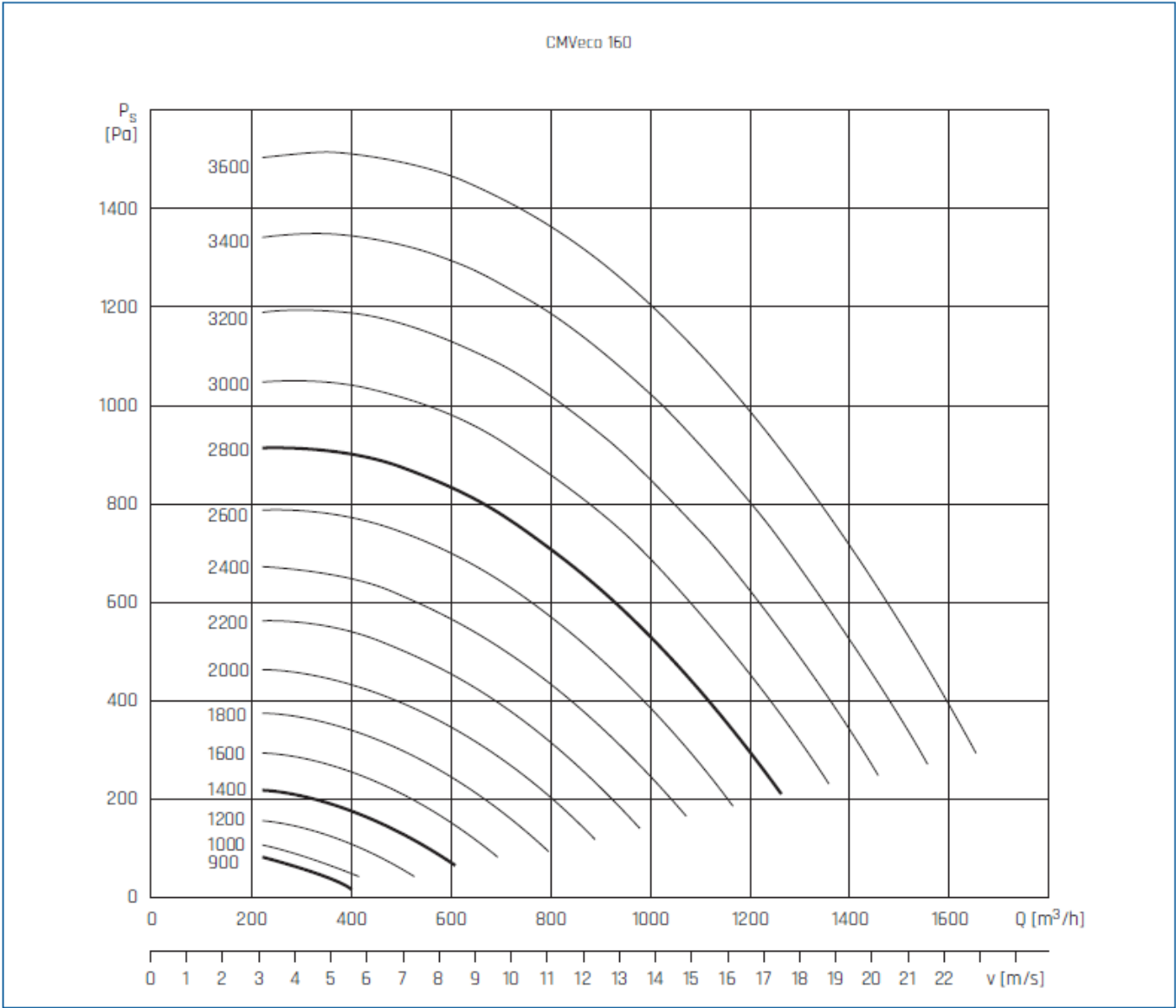
### Wykonania specjalne:

- dowolna figura LG/RD,
- wersja ATEX – patrz wentylatory przeciwwybuchowe,
- obudowa wykonana z: PPs-el, PE, PVC, PVDF,
- wirnik wykonany z: PPs-el, PVDF,
- napęd pasowy.

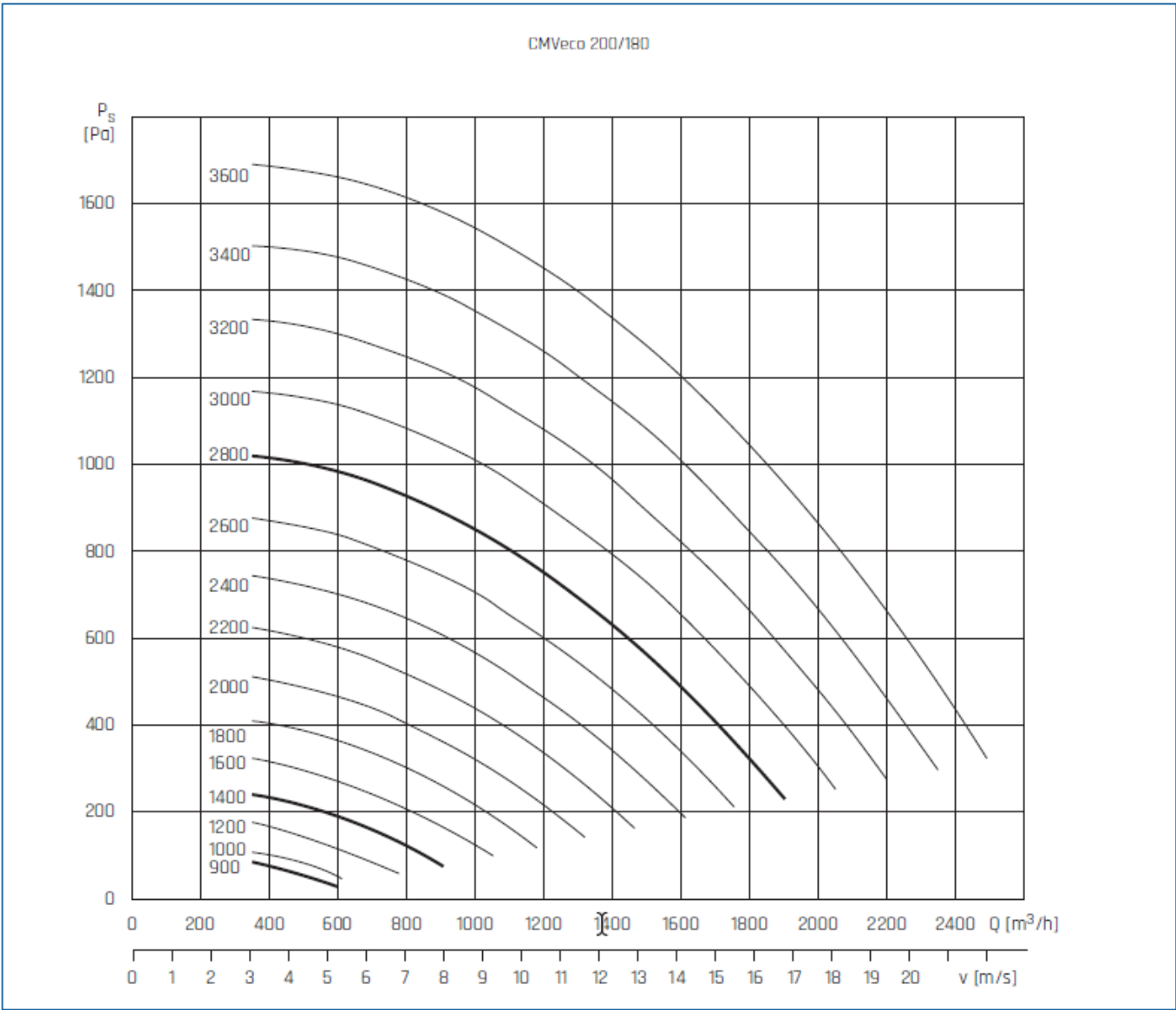
Charakterystyki pracy



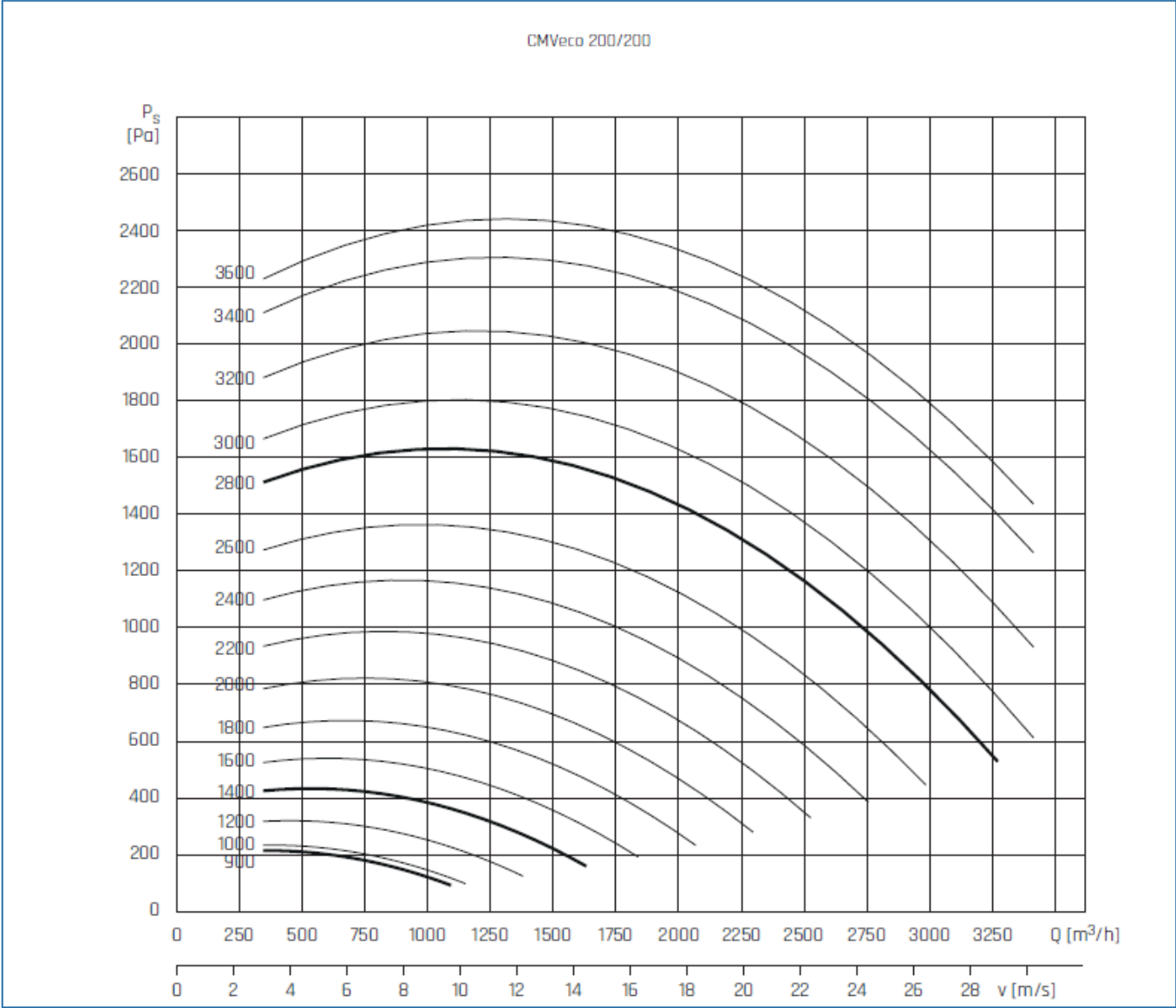
| n         | L <sub>WA</sub> | Hz |     |     |     |      |      |      |      |
|-----------|-----------------|----|-----|-----|-----|------|------|------|------|
|           |                 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| [obr/min] | [dB(A)]         |    |     |     |     |      |      |      |      |
| 1600      | 50              | 4  | 20  | 33  | 40  | 46   | 45   | 40   | 29   |
| 1800      | 53              | 7  | 23  | 36  | 43  | 49   | 48   | 43   | 32   |
| 2000      | 55              | 9  | 25  | y   | 45  | 51   | 50   | 45   | 34   |
| 2200      | 57              | 11 | 27  | 40  | 47  | 53   | 52   | 47   | 36   |
| 2400      | 59              | 13 | 29  | 42  | 49  | 55   | 54   | 49   | 38   |
| 2600      | 61              | 15 | 31  | 44  | 51  | 57   | 56   | 51   | 40   |
| 2800      | 63              | 17 | 33  | 46  | 53  | 59   | 58   | 53   | 42   |
| 3000      | 64              | 18 | 34  | 47  | 54  | 60   | 59   | 54   | 43   |
| 3200      | 65              | 19 | 35  | 48  | 55  | 61   | 60   | 55   | 44   |
| 3400      | 67              | 21 | 37  | 50  | 57  | 63   | 62   | 57   | 46   |
| 3600      | 68              | 22 | 38  | 51  | 58  | 64   | 63   | 58   | 47   |



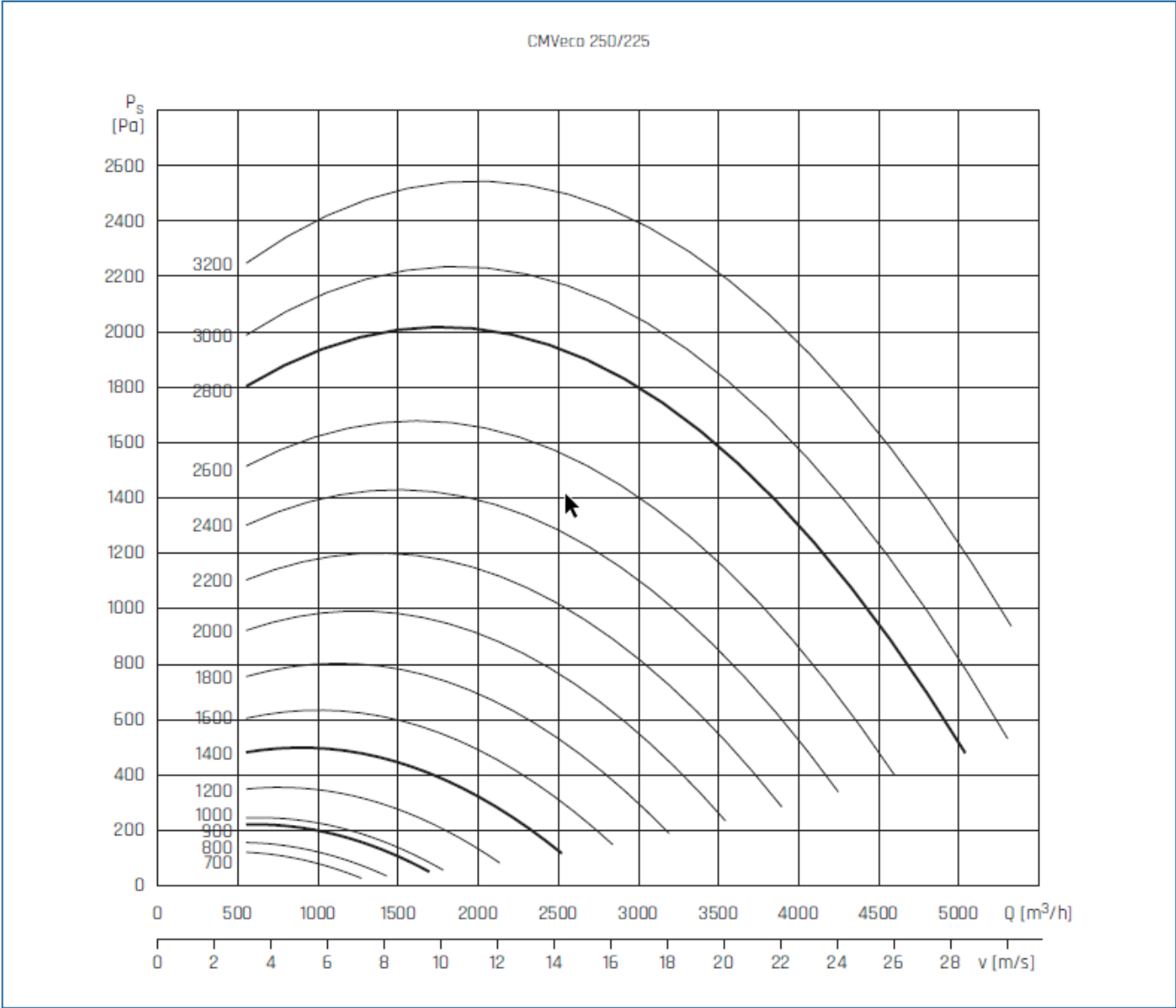
| n         | L <sub>WA</sub> | Hz |     |     |     |      |      |      |      |
|-----------|-----------------|----|-----|-----|-----|------|------|------|------|
|           |                 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| [obr/min] | [dB(A)]         |    |     |     |     |      |      |      |      |
| 1600      | 58              | 12 | 28  | 41  | 47  | 54   | 53   | 47   | 36   |
| 1800      | 61              | 15 | 31  | 44  | 50  | 57   | 56   | 50   | 39   |
| 2000      | 63              | 17 | 33  | 46  | 52  | 59   | 58   | 52   | 41   |
| 2200      | 65              | 19 | 35  | 48  | 54  | 61   | 60   | 54   | 43   |
| 2400      | 67              | 21 | 37  | 50  | 56  | 63   | 62   | 56   | 45   |
| 2600      | 69              | 23 | 39  | 52  | 58  | 65   | 64   | 58   | 47   |
| 2800      | 71              | 25 | 41  | 54  | 60  | 67   | 66   | 60   | 49   |
| 3000      | 72              | 26 | 42  | 55  | 61  | 68   | 67   | 61   | 50   |
| 3200      | 73              | 27 | 43  | 56  | 62  | 69   | 68   | 62   | 51   |
| 3400      | 75              | 29 | 45  | 58  | 64  | 71   | 70   | 64   | 53   |
| 3600      | 76              | 30 | 46  | 59  | 65  | 72   | 71   | 65   | 54   |



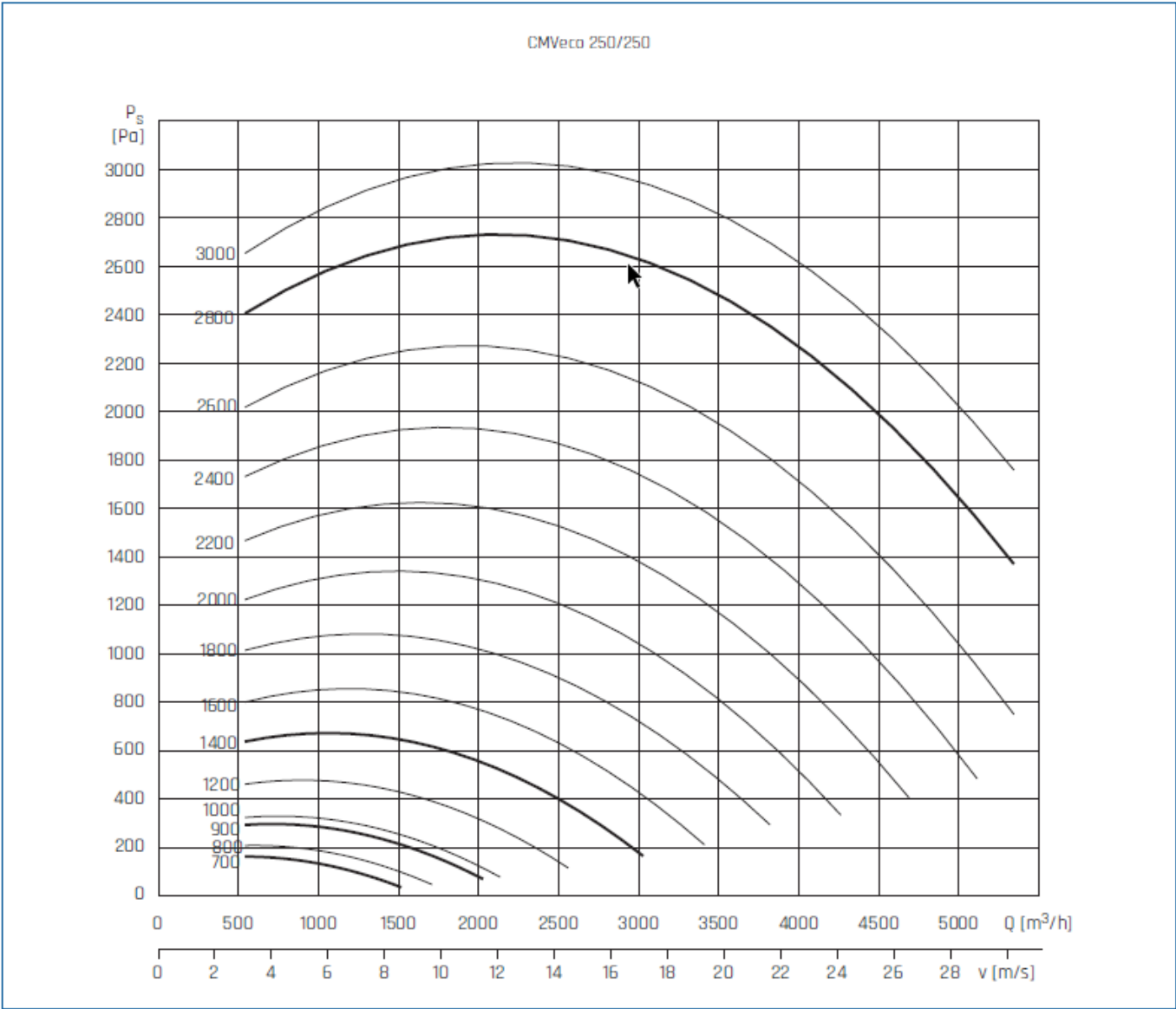
| n    | $L_{wa}$ | Hz |     |     |     |      |      |      |      |
|------|----------|----|-----|-----|-----|------|------|------|------|
|      |          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1600 | 61       | 15 | 31  | 43  | 50  | 57   | 56   | 50   | 39   |
| 1800 | 64       | 18 | 34  | 46  | 53  | 60   | 59   | 53   | 42   |
| 2000 | 66       | 20 | 36  | 48  | 55  | 62   | 61   | 55   | 44   |
| 2200 | 68       | 22 | 38  | 50  | 57  | 64   | 63   | 57   | 46   |
| 2400 | 70       | 24 | 40  | 52  | 59  | 66   | 65   | 59   | 48   |
| 2600 | 72       | 26 | 42  | 54  | 61  | 68   | 67   | 61   | 50   |
| 2800 | 74       | 28 | 44  | 56  | 63  | 70   | 69   | 63   | 52   |
| 3000 | 75       | 29 | 45  | 57  | 64  | 71   | 70   | 64   | 53   |
| 3200 | 76       | 30 | 46  | 58  | 65  | 72   | 71   | 65   | 54   |
| 3400 | 78       | 32 | 48  | 60  | 67  | 74   | 73   | 67   | 56   |
| 3600 | 79       | 33 | 49  | 61  | 68  | 75   | 74   | 68   | 57   |



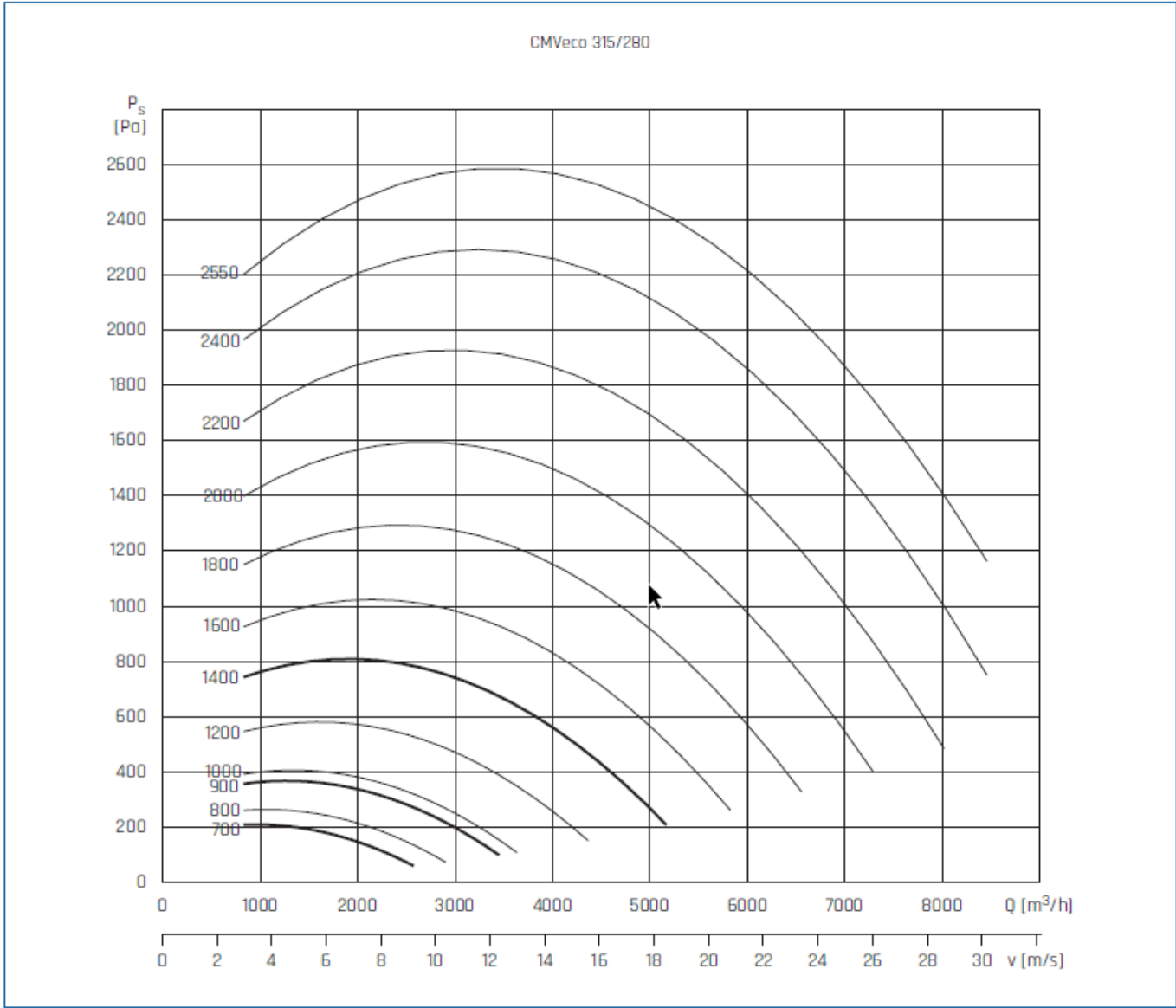
| n    | $L_{WA}$ | Hz |     |     |     |      |      |      |      |
|------|----------|----|-----|-----|-----|------|------|------|------|
|      |          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1600 | 64       | 20 | 37  | 46  | 51  | 60   | 61   | 51   | 39   |
| 1800 | 67       | 23 | 40  | 49  | 54  | 63   | 64   | 54   | 42   |
| 2000 | 69       | 25 | 42  | 51  | 56  | 65   | 66   | 56   | 44   |
| 2200 | 71       | 27 | 44  | 53  | 58  | 67   | 68   | 58   | 46   |
| 2400 | 73       | 29 | 46  | 55  | 60  | 69   | 70   | 60   | 48   |
| 2600 | 75       | 31 | 48  | 57  | 62  | 71   | 72   | 62   | 50   |
| 2800 | 77       | 33 | 50  | 59  | 64  | 73   | 74   | 64   | 52   |
| 3000 | 78       | 34 | 51  | 60  | 65  | 74   | 75   | 65   | 53   |
| 3200 | 79       | 35 | 52  | 61  | 66  | 75   | 76   | 66   | 54   |
| 3400 | 81       | 37 | 54  | 63  | 68  | 77   | 78   | 68   | 56   |
| 3500 | 81       | 37 | 54  | 63  | 68  | 77   | 78   | 68   | 56   |



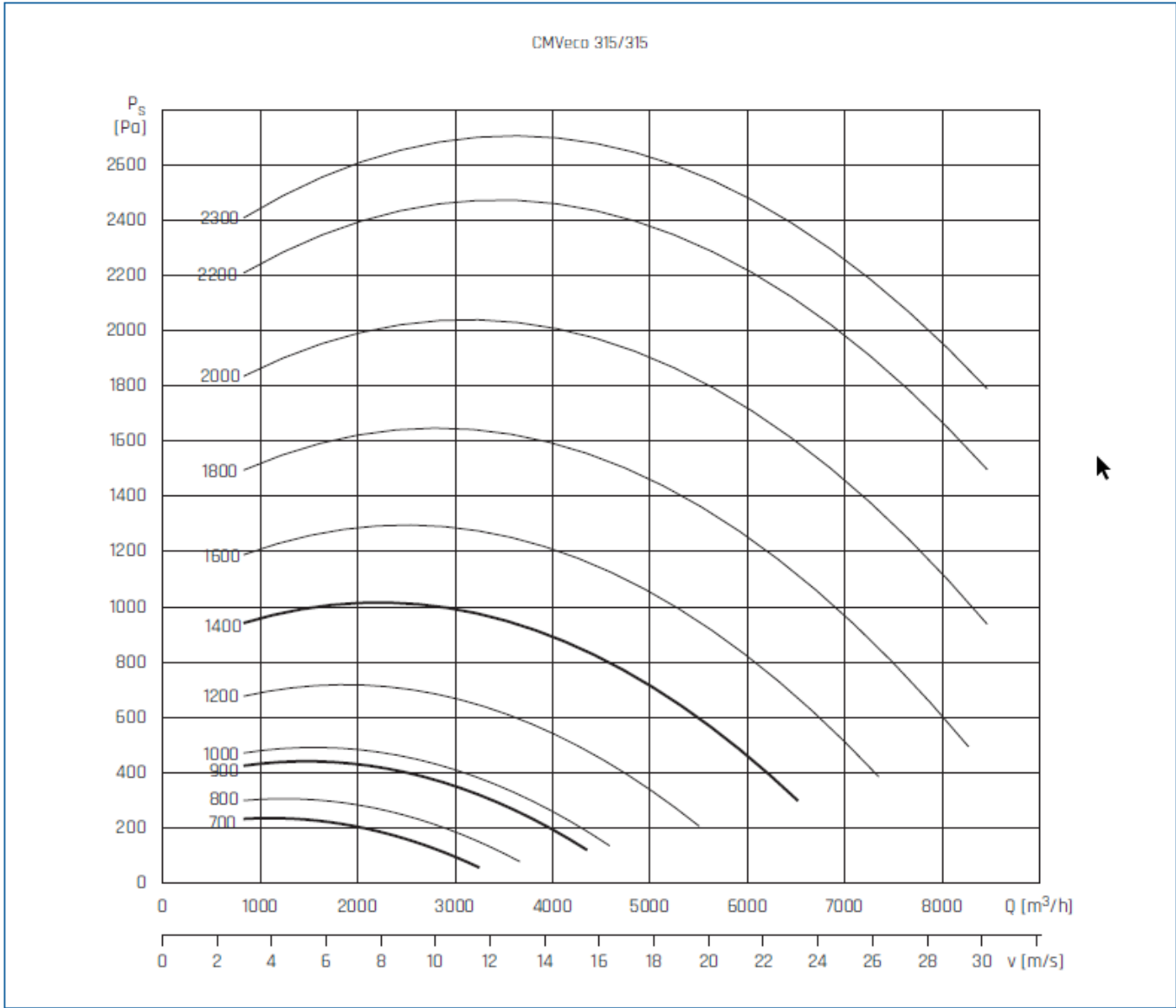
| n    | L <sub>WA</sub> | Hz |     |     |     |      |      |      |      |
|------|-----------------|----|-----|-----|-----|------|------|------|------|
|      |                 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1200 | 62              | 23 | 38  | 47  | 51  | 58   | 58   | 49   | 37   |
| 1400 | 65              | 26 | 41  | 50  | 54  | 61   | 61   | 52   | 40   |
| 1600 | 67              | 28 | 43  | 52  | 56  | 63   | 63   | 54   | 42   |
| 1800 | 70              | 31 | 46  | 55  | 59  | 66   | 66   | 57   | 45   |
| 2000 | 72              | 33 | 48  | 57  | 61  | 68   | 68   | 59   | 47   |
| 2200 | 74              | 35 | 50  | 59  | 63  | 70   | 70   | 61   | 49   |
| 2400 | 76              | 37 | 52  | 61  | 65  | 72   | 72   | 63   | 51   |
| 2600 | 78              | 39 | 54  | 63  | 67  | 74   | 74   | 65   | 53   |
| 2800 | 80              | 41 | 56  | 65  | 69  | 76   | 76   | 67   | 55   |
| 3000 | 81              | 42 | 57  | 66  | 70  | 77   | 77   | 68   | 56   |
| 3200 | 82              | 43 | 58  | 67  | 71  | 78   | 78   | 69   | 57   |



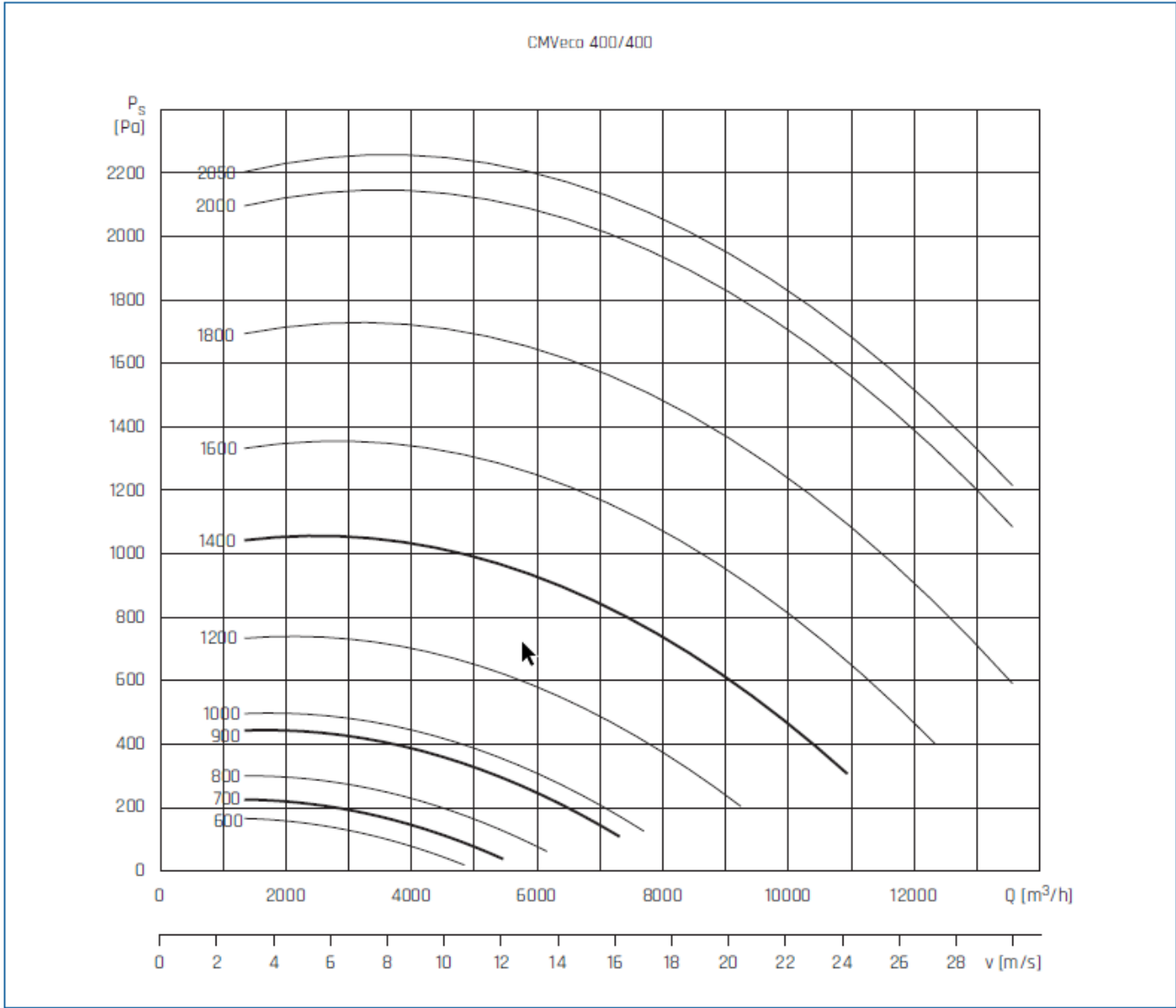
| n         | L <sub>WA</sub> | Hz |     |     |     |      |      |      |      |
|-----------|-----------------|----|-----|-----|-----|------|------|------|------|
|           |                 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| [obr/min] | [dB(A)]         |    |     |     |     |      |      |      |      |
| 1000      | 62              | 26 | 41  | 49  | 52  | 58   | 57   | 49   | 37   |
| 1200      | 66              | 30 | 45  | 53  | 56  | 62   | 61   | 53   | 41   |
| 1400      | 69              | 33 | 48  | 56  | 59  | 65   | 64   | 56   | 44   |
| 1600      | 71              | 35 | 50  | 58  | 61  | 67   | 66   | 58   | 46   |
| 1800      | 74              | 38 | 53  | 61  | 64  | 70   | 69   | 61   | 49   |
| 2000      | 76              | 40 | 55  | 63  | 66  | 72   | 71   | 63   | 51   |
| 2200      | 78              | 42 | 57  | 65  | 68  | 74   | 73   | 65   | 53   |
| 2400      | 80              | 44 | 59  | 67  | 70  | 76   | 75   | 67   | 55   |
| 2600      | 82              | 46 | 61  | 69  | 72  | 78   | 77   | 69   | 57   |
| 2800      | 84              | 48 | 63  | 71  | 74  | 80   | 79   | 71   | 59   |
| 2850      | 84              | 48 | 63  | 71  | 74  | 80   | 79   | 71   | 59   |



| n         | $L_{WA}$ | Hz |     |     |     |      |      |      |      |
|-----------|----------|----|-----|-----|-----|------|------|------|------|
|           |          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| [obr/min] | [dB(A)]  |    |     |     |     |      |      |      |      |
| 800       | 59       | 28 | 40  | 49  | 51  | 55   | 53   | 46   | 35   |
| 900       | 62       | 31 | 43  | 52  | 54  | 58   | 56   | 49   | 38   |
| 1000      | 64       | 33 | 45  | 54  | 56  | 60   | 58   | 51   | 40   |
| 1200      | 68       | 37 | 49  | 58  | 60  | 64   | 62   | 55   | 44   |
| 1400      | 71       | 40 | 52  | 61  | 63  | 67   | 65   | 58   | 47   |
| 1600      | 73       | 42 | 54  | 63  | 65  | 69   | 67   | 60   | 49   |
| 1800      | 76       | 45 | 57  | 66  | 68  | 72   | 70   | 63   | 52   |
| 2000      | 78       | 47 | 59  | 68  | 70  | 74   | 72   | 65   | 54   |
| 2200      | 80       | 49 | 61  | 70  | 72  | 76   | 74   | 67   | 56   |
| 2400      | 82       | 51 | 63  | 72  | 74  | 78   | 76   | 69   | 58   |
| 2550      | 84       | 53 | 65  | 74  | 76  | 80   | 78   | 71   | 60   |



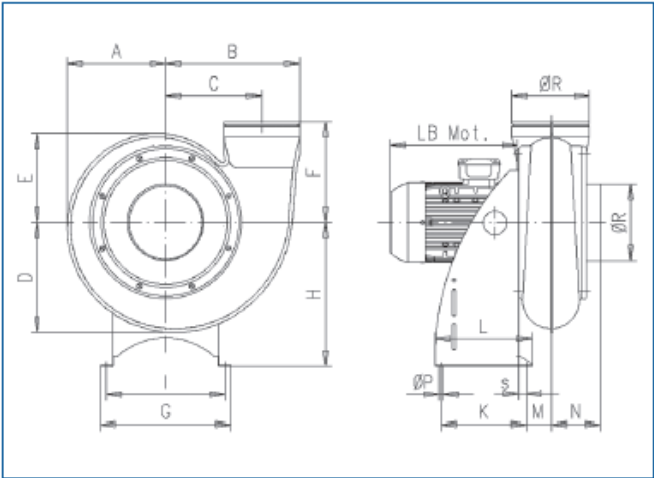
| n         | $L_{WA}$ | Hz |     |     |     |      |      |      |      |
|-----------|----------|----|-----|-----|-----|------|------|------|------|
|           |          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| [obr/min] | [dB(A)]  |    |     |     |     |      |      |      |      |
| 800       | 64       | 37 | 48  | 57  | 57  | 59   | 56   | 50   | 40   |
| 900       | 67       | 40 | 51  | 60  | 60  | 62   | 59   | 53   | 43   |
| 1000      | 69       | 42 | 53  | 62  | 62  | 64   | 61   | 55   | 45   |
| 1200      | 73       | 46 | 57  | 66  | 66  | 68   | 65   | 59   | 49   |
| 1400      | 76       | 49 | 60  | 69  | 69  | 71   | 68   | 62   | 52   |
| 1600      | 78       | 51 | 62  | 71  | 71  | 73   | 70   | 64   | 54   |
| 1800      | 81       | 54 | 65  | 74  | 74  | 76   | 73   | 67   | 57   |
| 2000      | 83       | 56 | 67  | 76  | 76  | 78   | 75   | 69   | 59   |
| 2200      | 85       | 58 | 69  | 78  | 78  | 80   | 77   | 71   | 61   |
| 2300      | 86       | 59 | 70  | 79  | 79  | 81   | 78   | 72   | 62   |



| n    | $L_{WA}$ | Hz |     |     |     |      |      |      |      |
|------|----------|----|-----|-----|-----|------|------|------|------|
|      |          | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 700  | 64       | 30 | 44  | 53  | 57  | 61   | 55   | 48   | 39   |
| 800  | 67       | 33 | 47  | 56  | 60  | 64   | 58   | 51   | 42   |
| 900  | 70       | 36 | 50  | 59  | 63  | 67   | 61   | 54   | 45   |
| 1000 | 72       | 38 | 52  | 61  | 65  | 69   | 63   | 56   | 47   |
| 1200 | 76       | 42 | 56  | 65  | 69  | 73   | 67   | 60   | 51   |
| 1400 | 79       | 45 | 59  | 68  | 72  | 76   | 70   | 63   | 54   |
| 1600 | 81       | 47 | 61  | 70  | 74  | 78   | 72   | 65   | 56   |
| 1800 | 84       | 50 | 64  | 73  | 77  | 81   | 75   | 68   | 59   |
| 2000 | 86       | 52 | 66  | 75  | 79  | 83   | 77   | 70   | 61   |
| 2050 | 87       | 53 | 67  | 76  | 80  | 84   | 78   | 71   | 62   |



Wymiary



| CMV | 125 | 160 | 200 | 250 | 315 | 400 |
|-----|-----|-----|-----|-----|-----|-----|
| A   | 188 | 226 | 275 | 336 | 415 | 452 |
| B   | 227 | 286 | 355 | 441 | 554 | 641 |
| C   | 164 | 206 | 255 | 316 | 396 | 441 |
| D   | 206 | 252 | 310 | 380 | 471 | 527 |
| E   | 170 | 200 | 241 | 293 | 359 | 378 |
| F   | 200 | 225 | 275 | 330 | 400 | 425 |
| G   | 270 | 290 | 380 | 430 | 480 | 580 |
| H   | 250 | 310 | 380 | 470 | 580 | 670 |
| I   | 240 | 260 | 350 | 390 | 440 | 540 |
| K   | 220 | 220 | 260 | 275 | 325 | 360 |
| L   | 250 | 250 | 290 | 315 | 365 | 400 |
| M   | 35  | 47  | 64  | 78  | 102 | 133 |
| N   | 110 | 120 | 140 | 160 | 190 | 220 |
| ØP  | 10  | 10  | 10  | 10  | 10  | 10  |
| ØR  | 125 | 160 | 200 | 250 | 315 | 400 |
| s   | 15  | 15  | 15  | 20  | 20  | 20  |