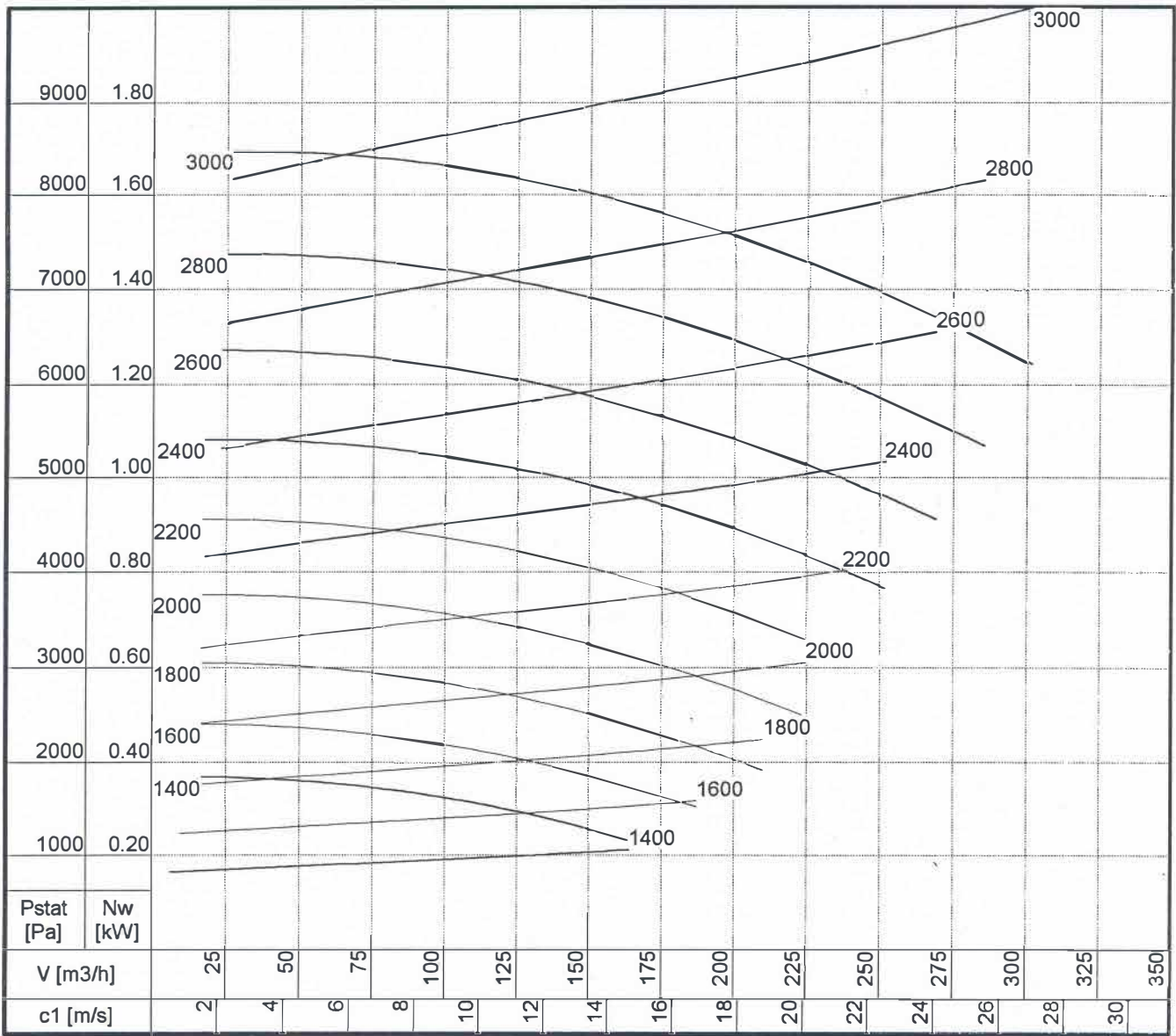


## Performance curves

## Fan type CHVS-D 63



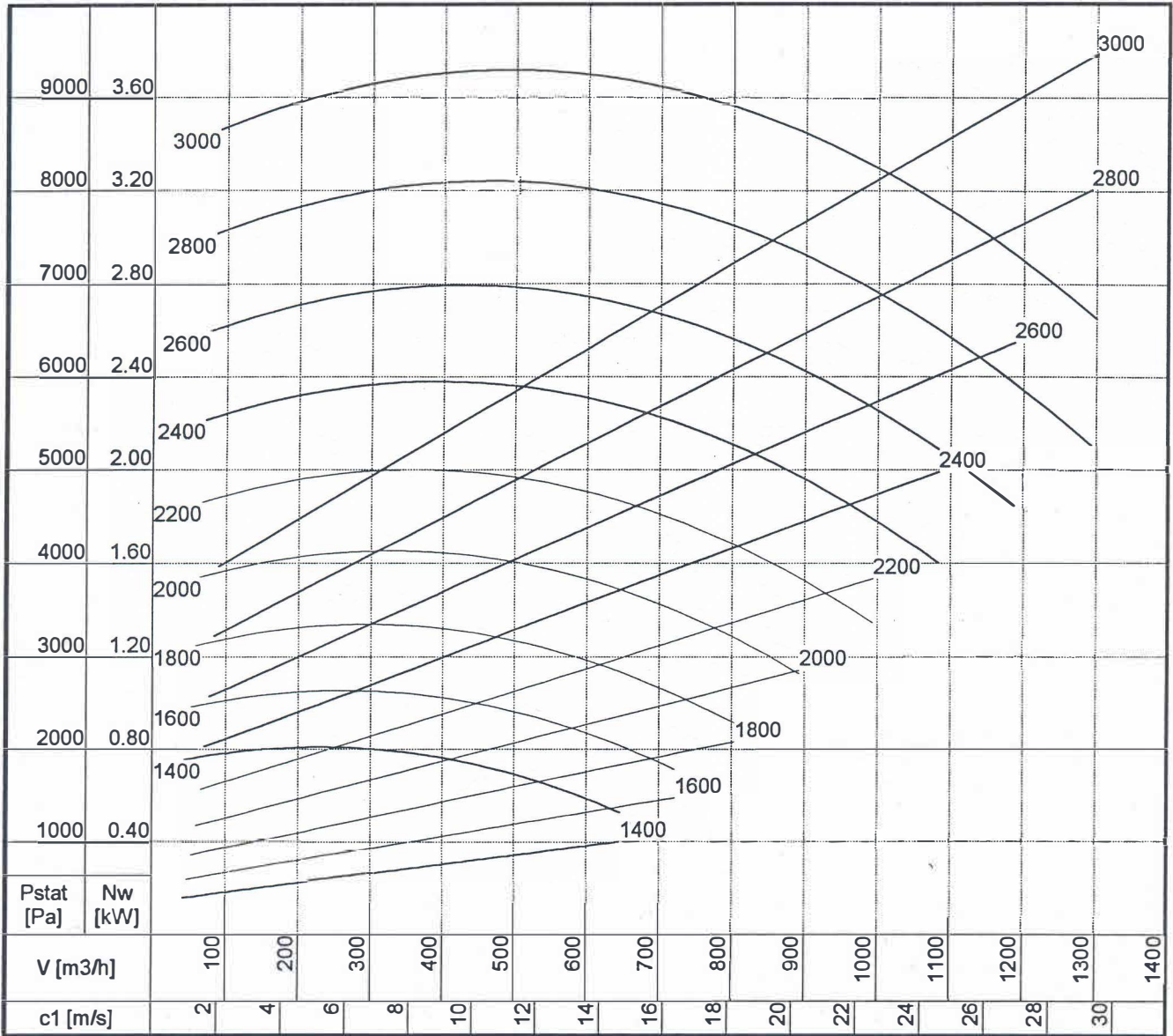
Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |
|--------|----------|----|-----|-----|-----|------|------|------|------|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 2000   | 86       | 64 | 74  | 80  | 81  | 79   | 77   | 72   | 65   |
| 2200   | 88       | 66 | 76  | 82  | 83  | 81   | 79   | 74   | 67   |
| 2500   | 91       | 69 | 79  | 85  | 86  | 84   | 82   | 77   | 70   |
| 2800   | 93       | 71 | 81  | 87  | 88  | 86   | 84   | 79   | 72   |
| 3000   | 95       | 73 | 83  | 89  | 90  | 88   | 86   | 81   | 74   |



## Performance curves

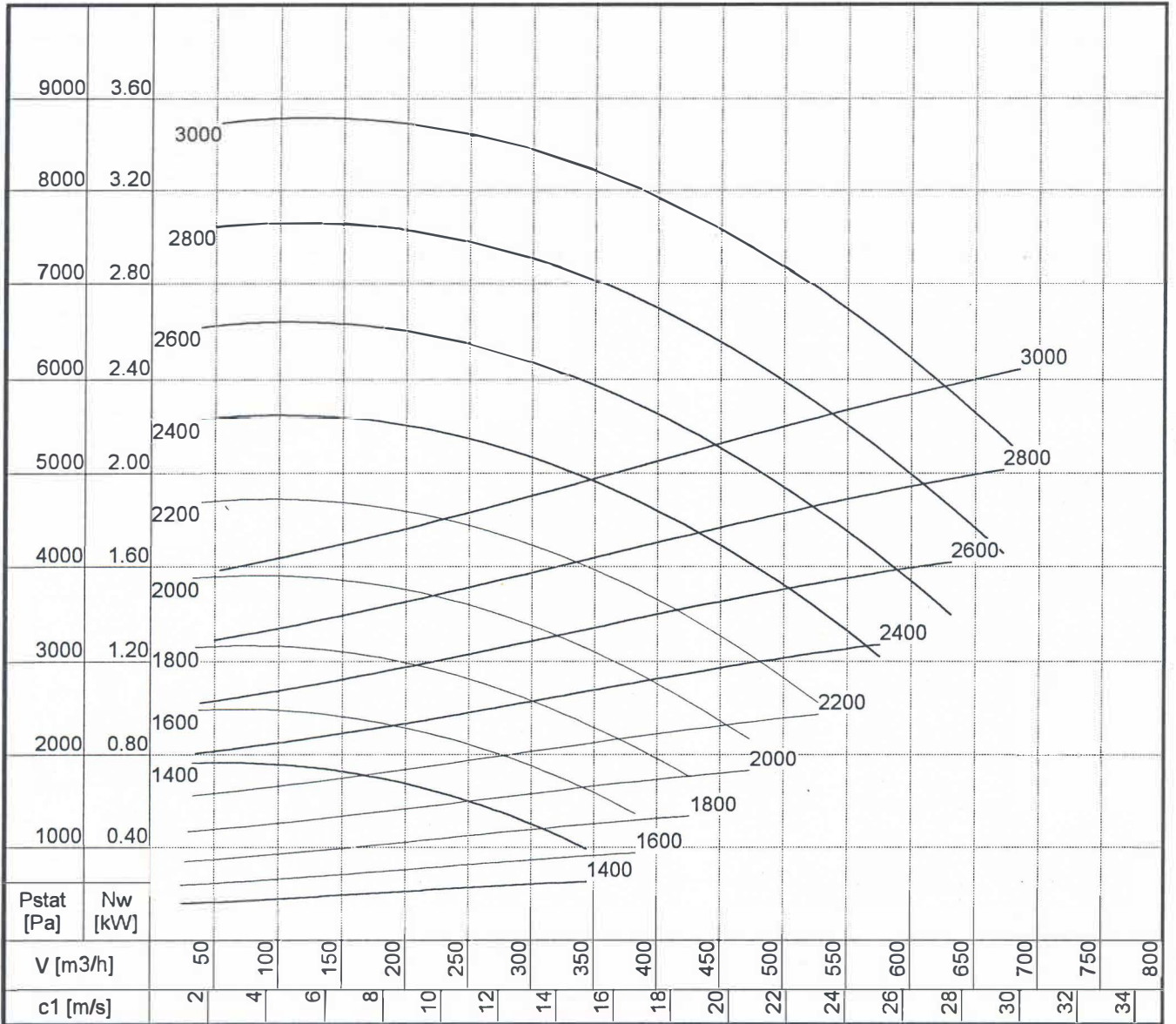
## Fan type CHVS-D 125



Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |
|--------|----------|----|-----|-----|-----|------|------|------|------|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 2000   | 94       | 72 | 82  | 88  | 89  | 87   | 85   | 80   | 72   |
| 2200   | 96       | 74 | 84  | 90  | 91  | 89   | 87   | 82   | 74   |
| 2500   | 99       | 77 | 87  | 93  | 94  | 92   | 90   | 85   | 77   |
| 2800   | 101      | 79 | 89  | 95  | 96  | 94   | 92   | 87   | 79   |
| 3000   | 103      | 81 | 91  | 97  | 98  | 96   | 94   | 89   | 81   |

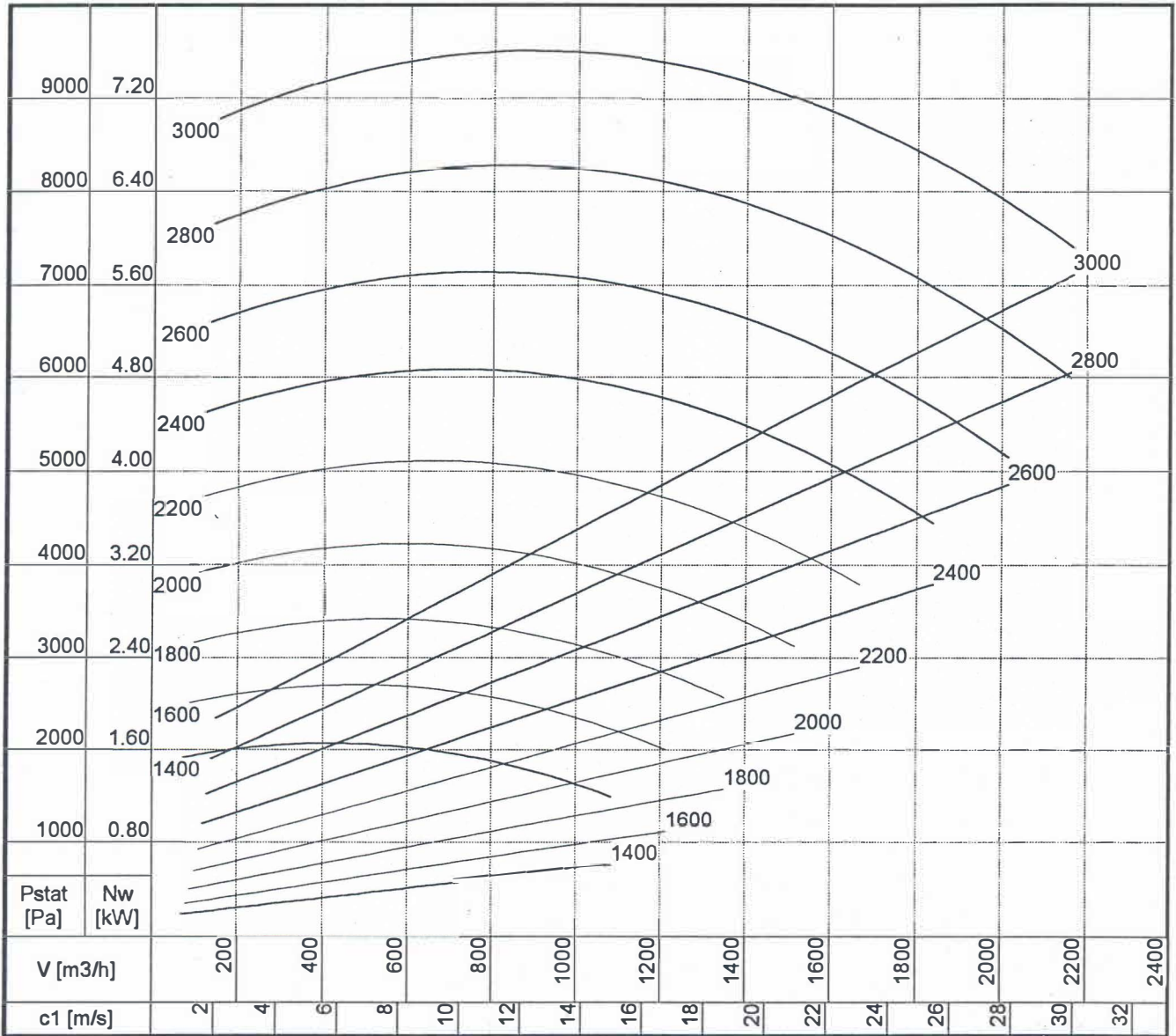
## Performance curves Fan type CHVS-D 90



Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |
|--------|----------|----|-----|-----|-----|------|------|------|------|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 2000   | 91       | 68 | 78  | 85  | 85  | 84   | 81   | 76   | 69   |
| 2200   | 93       | 70 | 80  | 87  | 87  | 86   | 83   | 78   | 71   |
| 2500   | 96       | 73 | 83  | 90  | 90  | 89   | 86   | 81   | 74   |
| 2800   | 98       | 75 | 85  | 92  | 92  | 91   | 88   | 83   | 76   |
| 3000   | 100      | 77 | 87  | 94  | 94  | 93   | 90   | 85   | 78   |

## Performance curves Fan type CHVS-D 160

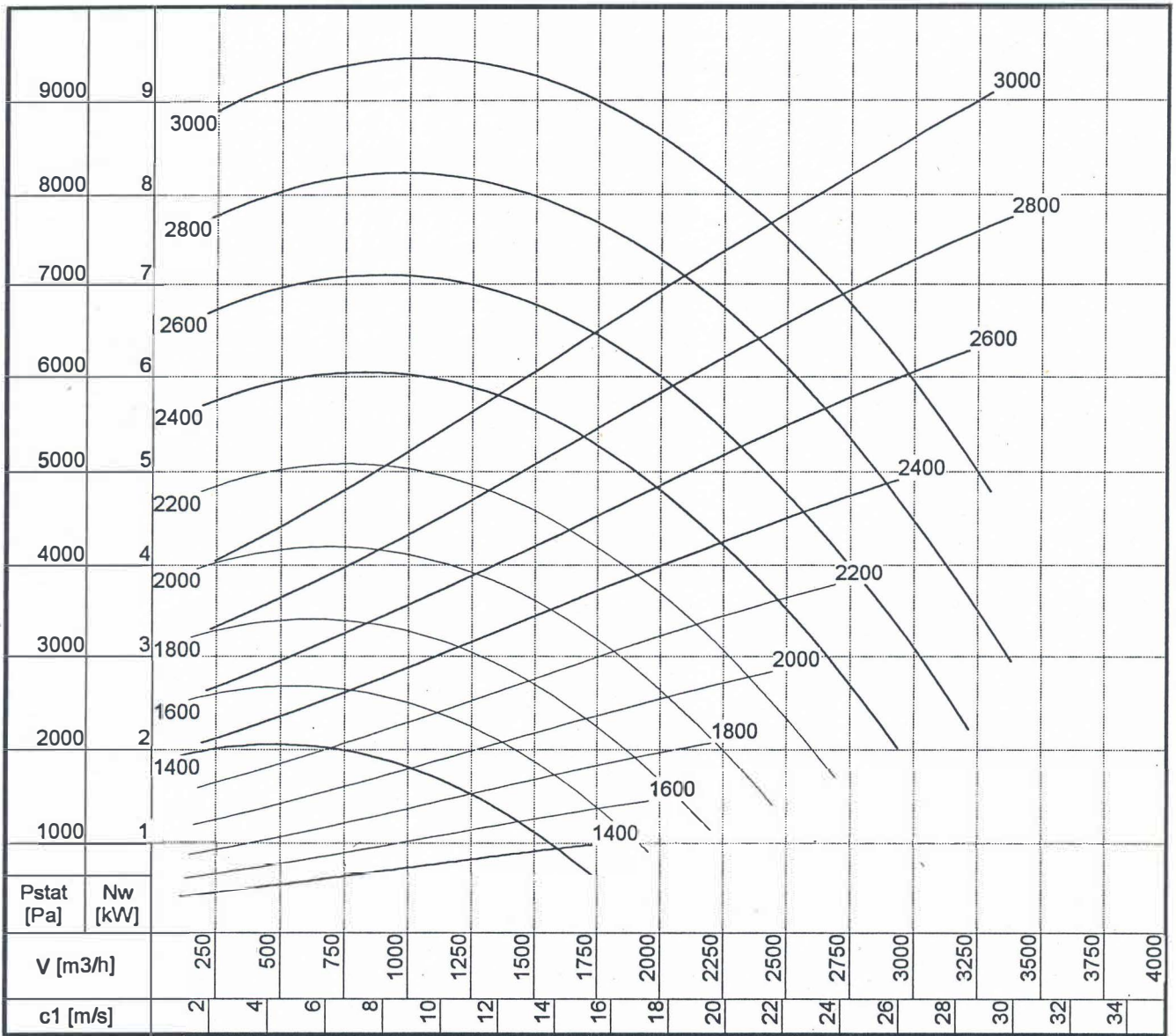


Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |  |
|--------|----------|----|-----|-----|-----|------|------|------|------|--|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |  |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    |  |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    |  |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    |  |
| 2000   | -        | -  | -   | -   | -   | -    | -    | -    | -    |  |
| 2200   | 99       | 76 | 86  | 93  | 93  | 92   | 89   | 84   | 77   |  |
| 2500   | 102      | 79 | 89  | 96  | 96  | 95   | 92   | 87   | 80   |  |
| 2800   | 105      | 82 | 92  | 99  | 99  | 98   | 95   | 90   | 83   |  |
| 3000   | 105      | 83 | 93  | 100 | 100 | 89   | 96   | 91   | 84   |  |

# Performance curves

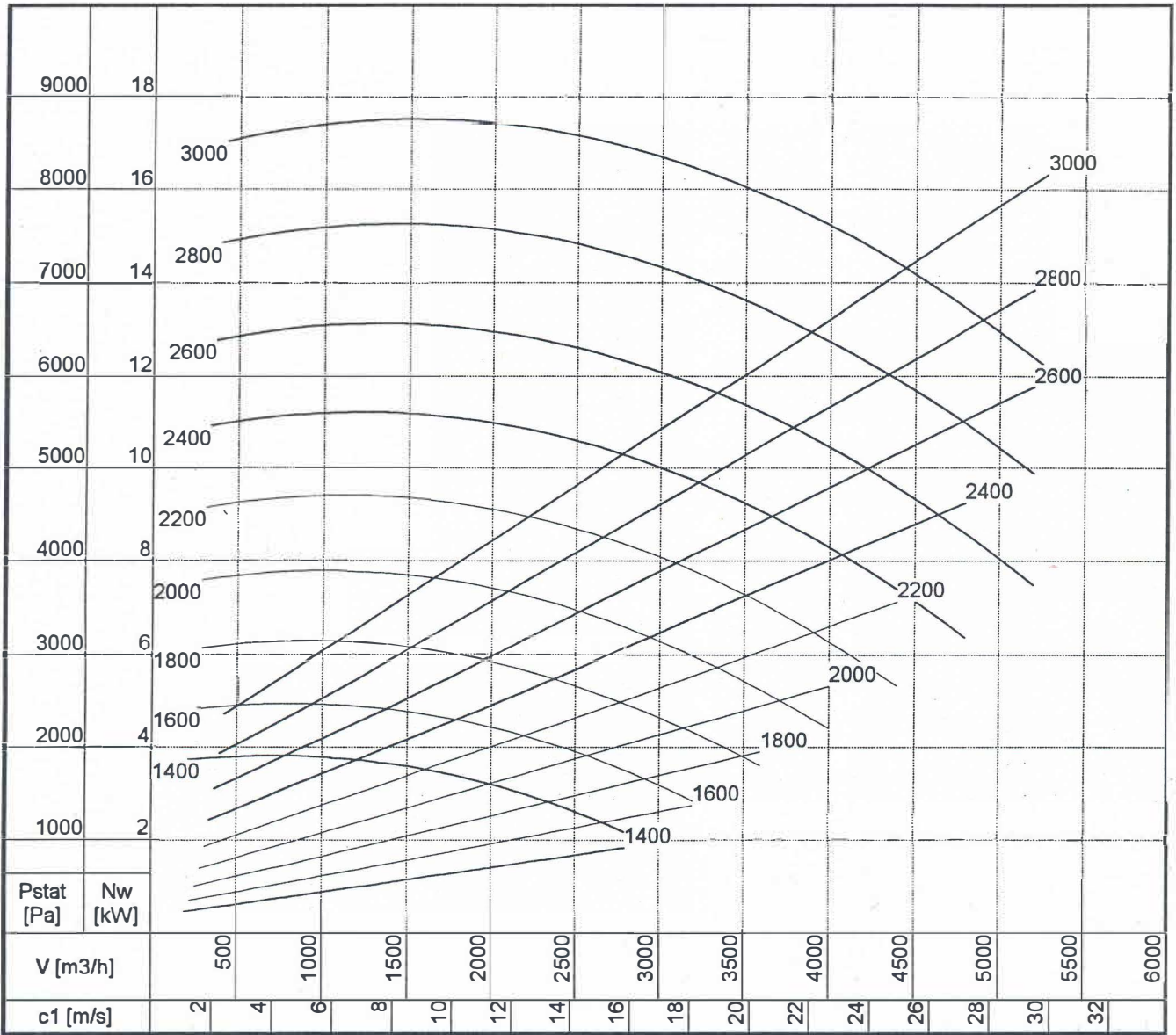
# Fan type CHVS-D 200



Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |   |
|--------|----------|----|-----|-----|-----|------|------|------|------|---|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |   |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    | - |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    | - |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    | - |
| 2000   | 98       | 75 | 85  | 92  | 92  | 91   | 88   | 83   | 76   |   |
| 2200   | 100      | 77 | 87  | 94  | 94  | 93   | 90   | 85   | 78   |   |
| 2500   | 103      | 80 | 90  | 97  | 97  | 96   | 93   | 88   | 81   |   |
| 2800   | 105      | 82 | 92  | 99  | 99  | 98   | 95   | 90   | 83   |   |
| 3000   | 107      | 84 | 94  | 101 | 101 | 100  | 97   | 92   | 85   |   |

## Performance curves Fan type CHVS-D 250



Sound power level  $L_{wA}$  dB(A)      Sound pressure  $L_{pA} = L_{wA} - 7$  dB(A)      Dist. 1m

| n      | $L_{wA}$ | Hz |     |     |     |      |      |      |      |
|--------|----------|----|-----|-----|-----|------|------|------|------|
| min -1 | dB(A)    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1400   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1600   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 1800   | -        | -  | -   | -   | -   | -    | -    | -    | -    |
| 2000   | 100      | 78 | 88  | 95  | 95  | 93   | 91   | 86   | 79   |
| 2200   | 102      | 80 | 90  | 97  | 97  | 95   | 93   | 88   | 81   |
| 2500   | 105      | 83 | 93  | 100 | 100 | 98   | 96   | 91   | 84   |
| 2800   | 107      | 85 | 95  | 102 | 102 | 100  | 98   | 93   | 86   |
| 3000   | 109      | 87 | 97  | 104 | 104 | 102  | 100  | 95   | 88   |