

V90-2.0 MW Sound Power Level at Hub Height, Noise Mode 1

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Conditions for Sound Power Level:	Measurement Standard IEC 61400-11 ed. 2 2002 Wind Shear: 0.16 Maximum Turbulence at 10 Metre Height: 16% Inflow Angle (Vertical): 0 ±2° Air Density: 1.225 kg/m ³			
Hub Height	80 m	95 m	105 m	125 m
L _{WA} @ 3 m/s (10 m above ground) [dBA]	92.6	92.8	92.9	93.0
Wind speed at hub height [m/s]	4.2	4.3	4.4	4.5
L _{WA} @ 4 m/s (10 m above ground) [dBA]	95.6	96.1	96.4	96.9
Wind speed at hub height [m/s]	5.6	5.7	5.8	6.0
L _{WA} @ 5 m/s (10 m above ground) [dBA]	99.8	100.3	100.6	101.1
Wind speed at hub height [m/s]	7.0	7.2	7.3	7.5
L _{WA} @ 6 m/s (10 m above ground) [dBA]	102.7	102.9	103.0	103.0
Wind speed at hub height [m/s]	8.4	8.6	8.7	9.0
L _{WA} @ 7 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	9.8	10.0	10.2	10.5
L _{WA} @ 8 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	11.2	11.5	11.7	12.0
L _{WA} @ 9 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	12.6	12.9	13.1	13.5
L _{WA} @ 10 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	13.9	14.3	14.6	15.0
L _{WA} @ 11 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	15.3	15.8	16.0	16.5
L _{WA} @ 12 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	16.7	17.2	17.5	18.0
L _{WA} @ 13 m/s (10 m above ground) [dBA]	103.0	103.0	103.0	103.0
Wind speed at hub height [m/s]	18.1	18.6	18.9	19.5

Table 12-22: V90-2.0 MW noise mode 1, sound power level at hub height

zał. nr I.1 Tabela poziomu mocy akustycznej V90