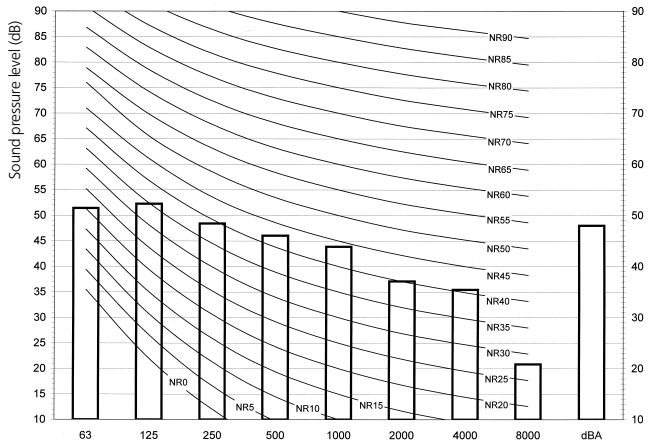
9 Sound data

9 - 1 Sound pressure spectrum

RZQ71DV1 - Cooling



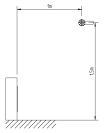
3TW31677-2

Octave band center frequency (Hz)

High-tap

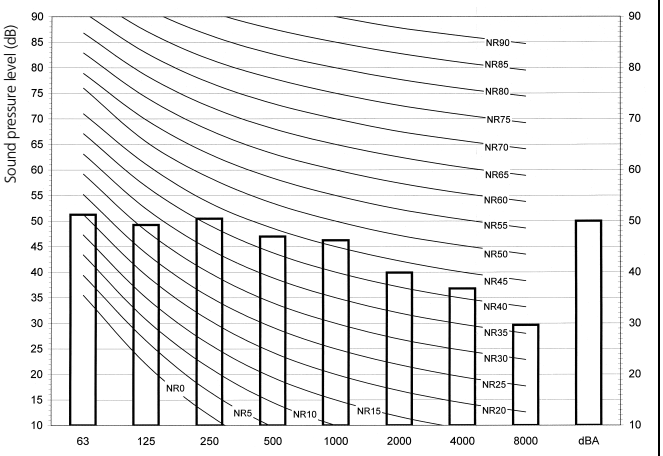
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20µPa



Measuring location (discharge side)

RZQ71DV1 - Heating



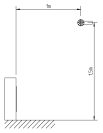
3TW31677-3

Octave band center frequency (Hz)

High-tap

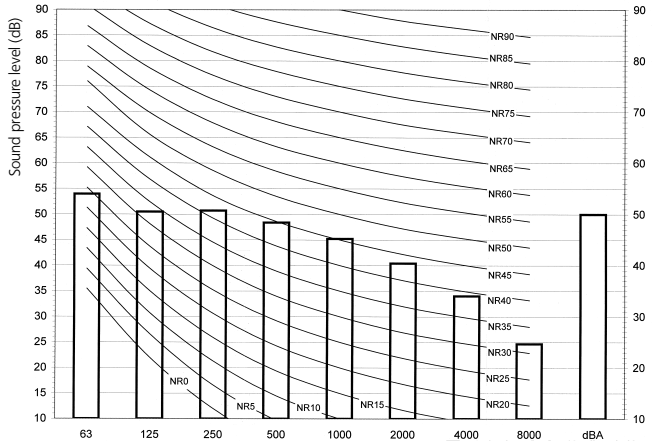
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20µPa



Measuring location (discharge side)

RZQ100DV1 - Cooling



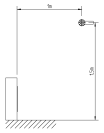
3TW31687-2

Octave band center frequency (Hz)

High-tap

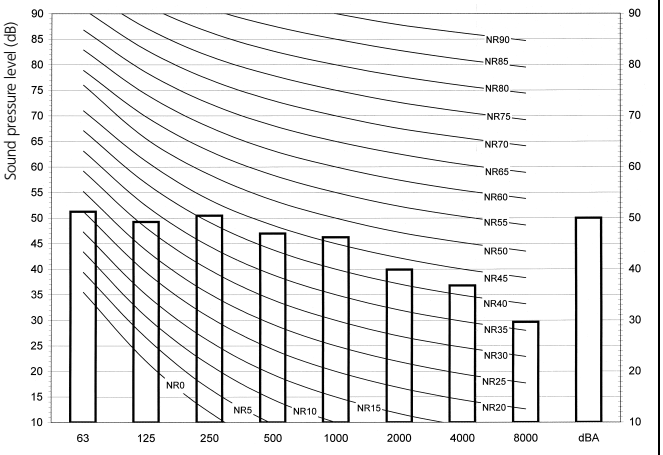
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20µPa



Measuring location (discharge side)

RZQ100DV1 - Heating



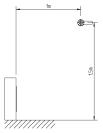
3TW31687-3

Octave band center frequency (Hz)

High-tap

NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20µPa

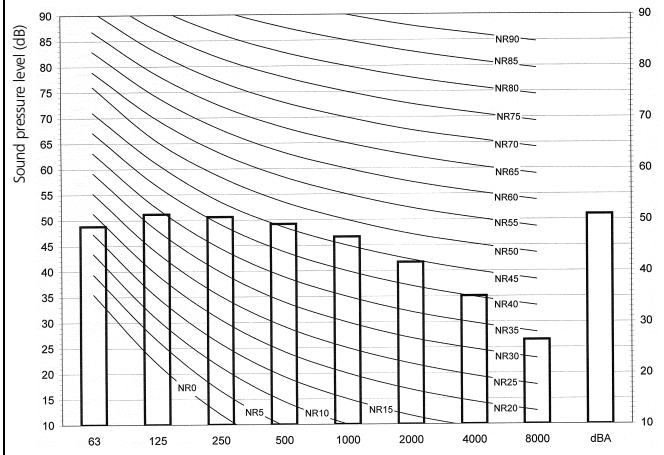


Measuring location (discharge side)

9 Sound data

9 - 1 Sound pressure spectrum

RZQ125DV1 - Cooling



3TW31697-2

Octave band center frequency (Hz)

☐ High-tap

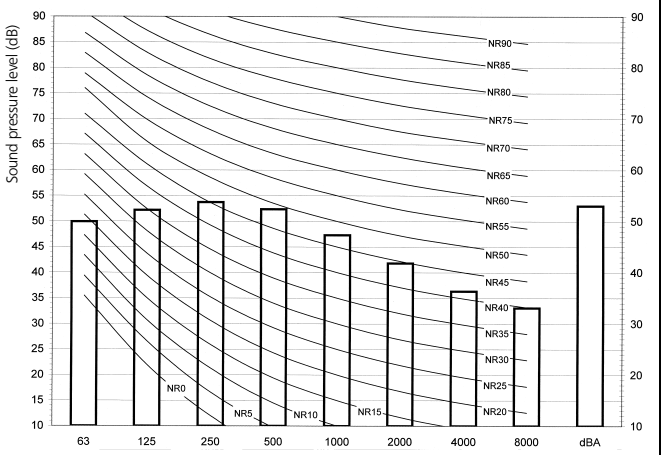
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20μPa



Measuring location (discharge side)

RZQ125DV1 - Heating



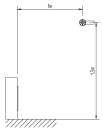
3TW31697-3

Octave band center frequency (Hz)

☐ High-tap

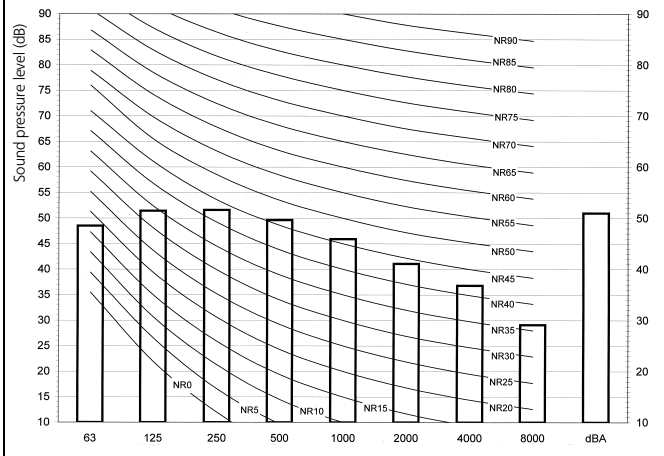
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20μPa



Measuring location (discharge side)

RZQ140DV1 - Cooling



3TW316707-2

Octave band center frequency (Hz)

☐ High-tap

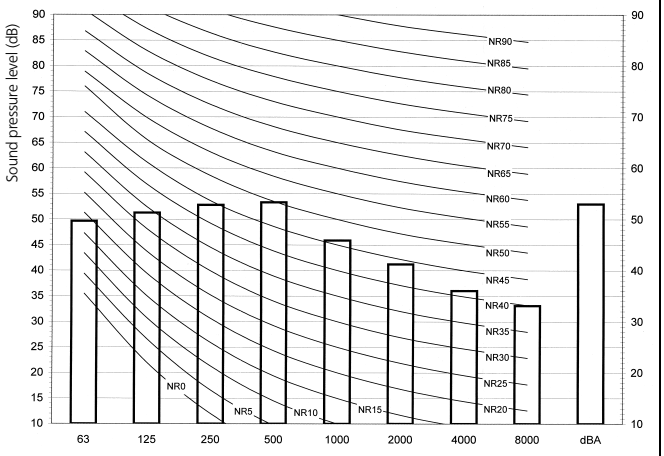
NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20μPa



Measuring location (discharge side)

RZQ140DV1 - Heating



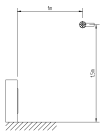
3TW31707-3

Octave band center frequency (Hz)

☐ High-tap

NOTES

1 Data is valid at free field condition
2 Data is valid at nominal conditions.
3 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
4 Reference acoustic pressure 0dB = 20μPa

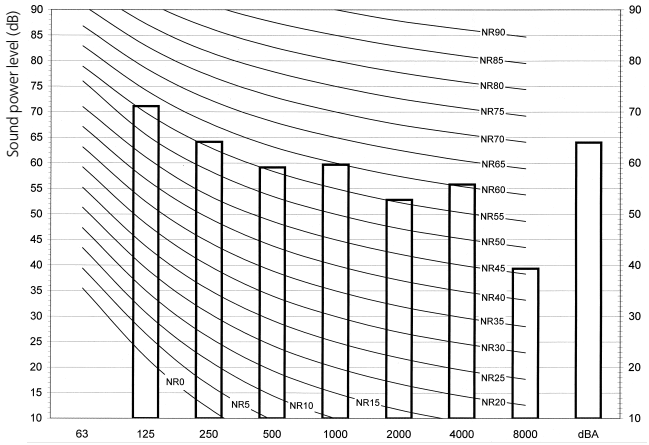


Measuring location (discharge side)

9 Sound data

9 - 2 Sound power spectrum

RZQ71DV1



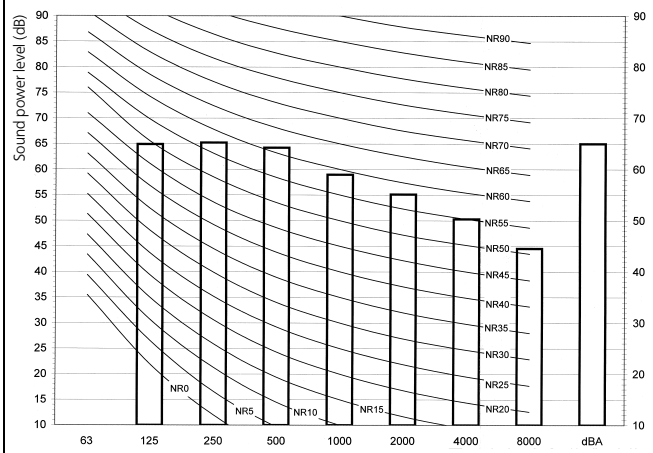
3TW31677-1 Octave band center frequency (Hz)

☐ High-tap

NOTES

1 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2
3 Measured according to ISO 3744

RZQ100DV1



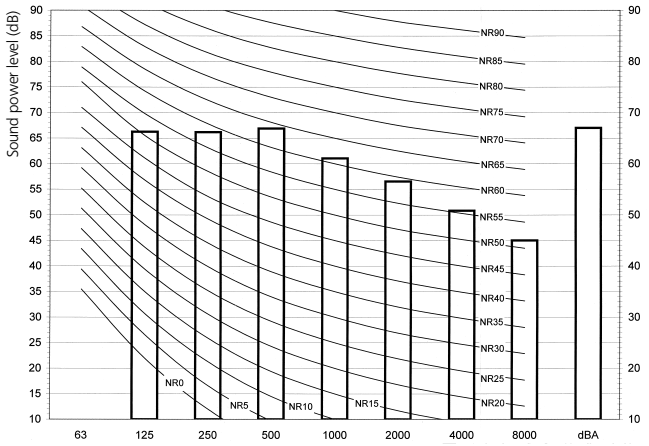
3TW31687-1 Octave band center frequency (Hz)

☐ High-tap

NOTES

1 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2
3 Measured according to ISO 3744

RZQ125DV1



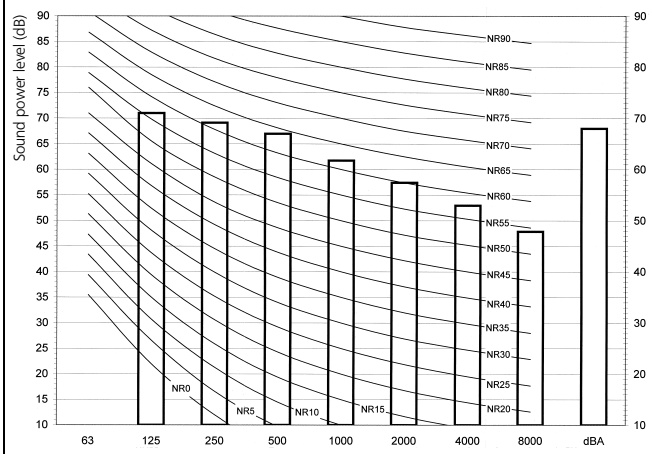
3TW31697-1 Octave band center frequency (Hz)

☐ High-tap

NOTES

1 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2
3 Measured according to ISO 3744

RZQ140DV1



3TW31707-1 Octave band center frequency (Hz)

☐ High-tap

NOTES

1 dB(A) = A-weighted sound pressure level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2
3 Measured according to ISO 3744