KIN long throw mini jet nozzles

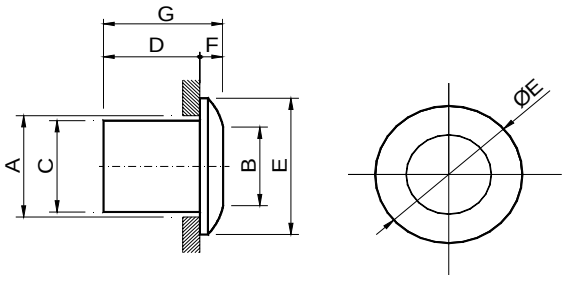
MADEL®

KIN long throw mini jet nozzles are designed to be used, in air conditioning, ventilation and heating systems at a temperature differential up to 12º C.

KIN mini jet nozzles are non-orientable suitable for wall or ceiling mounting.

MADEL®

KIN



ø	A	B	C	D	E	F	G
63	73	53	61	60	91	14.5	74.5
80	90	70	78	60.5	115.5	18	78.5

CLASSIFICATION

KIN Non-orientable mini jet nozzle suitable for wall or ceiling mounting.

MATERIAL

Nozzles constructed from aluminium.

FIXING SYSTEMS

1) Neck installation by means of screw and jet nozzle pressed into the neck.

FINISHES

M9016 Painted in white similar to RAL 9016.

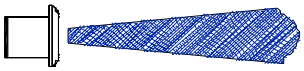
R9010 Painted in white RAL 9010.

RAL... Painted in other RAL colours.

SPECIFICATION TEXT

Supply and mounting of non-orientable long throw mini jet nozzle series **KIN M9016 diam. 100**, constructed from aluminium and paint in white **M9016** or another defined by the D.F., pressing fixation and neck mounting included. Manufacturer **MADEL**.

KIN SERIES



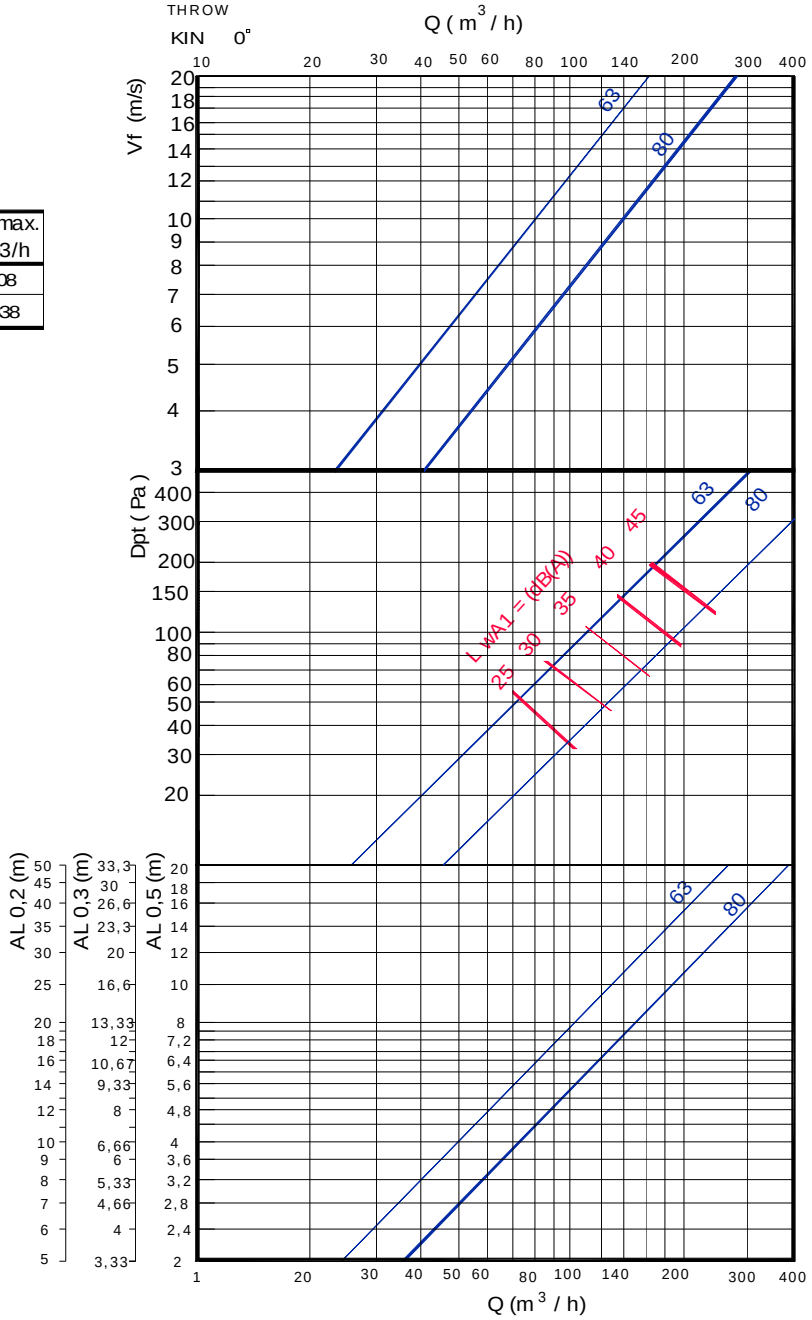
RECOMMENDED VELOCITY.

KIN	Vmin m/s	Vmax m/s
63	2,5	20
80	2,5	20

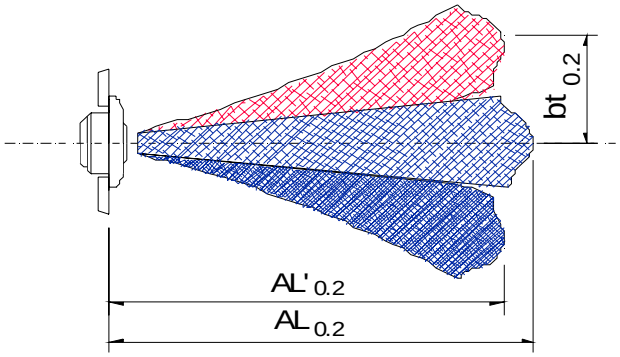
FREE FACE AREA (m2).

KIN	Ak m2	Afree m2	Qmin. m3/h	Qmax. m3/h
63	0,0029	0,0022	26	208
80	0,0047	0,0038	42	338

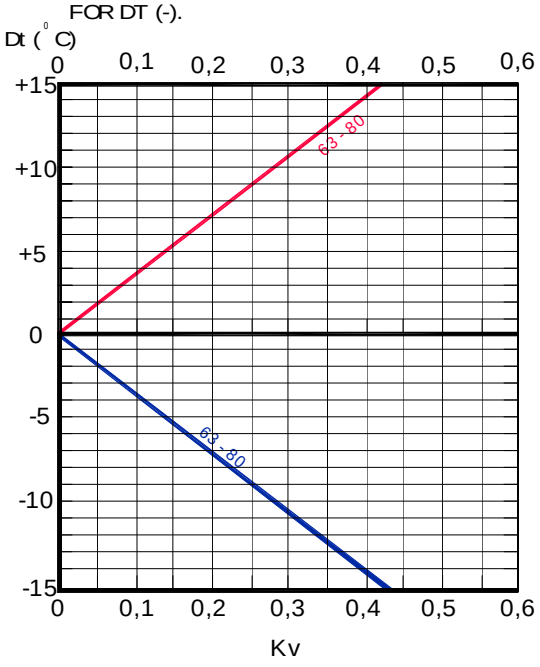
FREE VELOCITY, PRESSURE LOSS AND SOUND POWER LEVEL, THROW



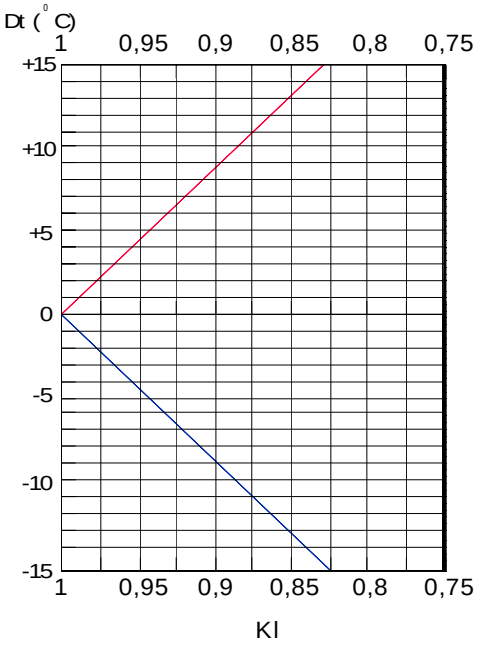
KIN SERIES



CORRECTION FACTOR FOR VERTICAL DIFFUSION (bV) FOR DT (-).



CORRECTON FACTOR FOR THROW (L0.2) DT (-).



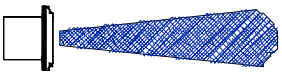
$$bt_{0.2} = Kv \times Al_{0.2}$$

Kv = Correction factor for the vertical diffusion.

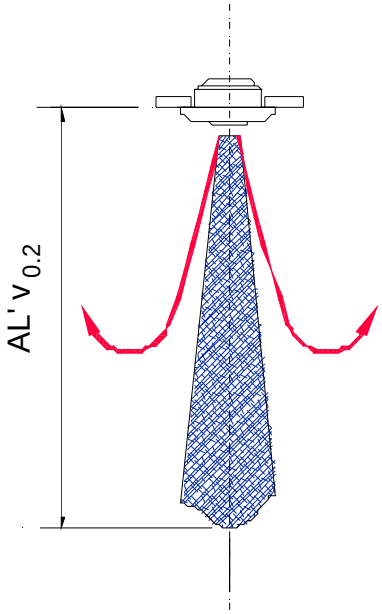
$$Al'_{0.2} = KL \times Al_{0.2}$$

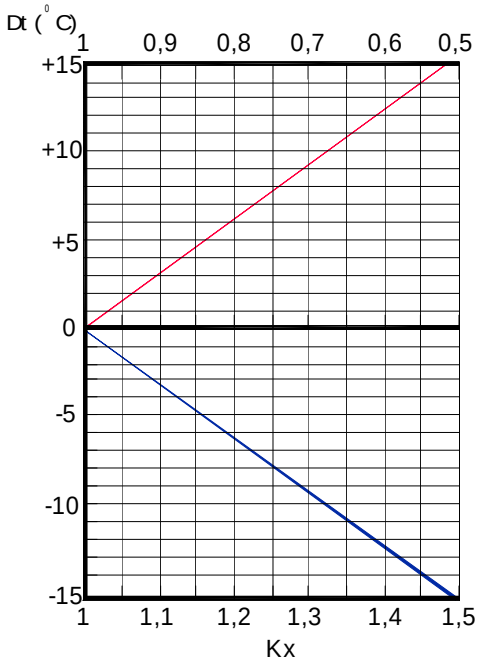
Kl = Correction factor for the throw.

KIN SERIES



CORRECTION FACTOR FOR VERTICAL THROW (Alv0,2) DT





$$AL'v_{0.2} = Kx \times AL_{0.2}$$