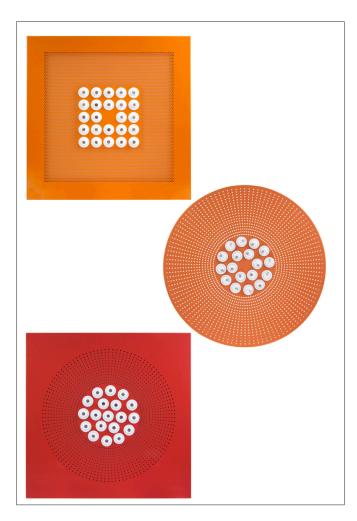


# perforated ceiling diffusers with long-throw nozzles



#### **DESCRIPTION**

NSP/DZ are square (Q and RQ) and round (R) diffusers designed for low- and medium-pressure installations. They can be used for rooms as high as  $2.4-4.4\,\mathrm{m}$ . Due to two working parts for air supply, they are highly inductive (pulsating dispersion of air). External part is perforated; the inside is made of adjustable long-throw nozzles. NSP/DZ diffusers provide high comfort temperature conditions for shopping centres, conference facilities, halls and lounges.

#### **FEATURES**

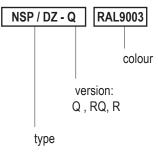
- · made of steel sheet
- highly inductive (pulsating dispersion of air)
- · nozzle air supply direction can be adjusted as necessary
- nozzles are made of high-quality material, and painted standard white
- · can be installed with an expansion can SR/NSP
- · available in standard RAL 9003 colour
- upon customer's request, can be made in any colour from RAL palette

#### **INSTALLATION**

NSP are designed for installation with the expansion box SR/NSP. INSTALLATION IN THE FULL UNDERSLUNG CEILING: prepare an installation hole in the ceiling of a size of the expansion box. Put the expansion box in so that edges stick out by approx. 12 mm from the ceiling panel. Slide the front panel pf the ventilated and fix it with steel screws. Remember to seal joints.

INSTALLATION IN PANEL CEILING: diffuser together with the expansion box should be installed above the ceiling level so that the front panel of the diffuser sticks evenly to the ceiling panel.

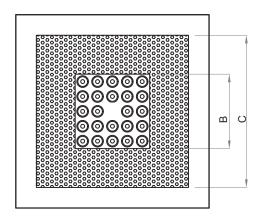
#### ORDER REFERENCE

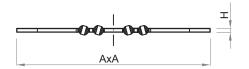




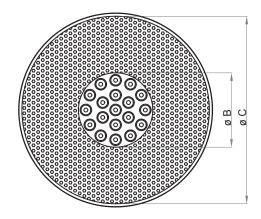
# perforated ceiling diffusers with long-throw nozzles

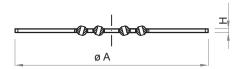
### **DIFFUSER NSP/DZ-Q**



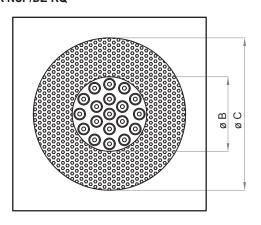


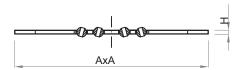
### **DIFFUSER NSP/DZ-R**





## **DIFFUSER NSP/DZ-RQ**





# STANDARD SIZES

Diffuser	A [mm]	B [mm]	C [mm]	H [mm]	Number of nozzles
NSP-DZ-Q	598	230	470	12	25
NSP-DZ-RQ	598	230	470	12	19
NSP-DZ-R	600	230	580	12	19

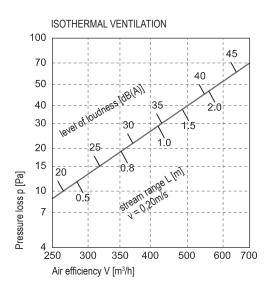
# **FEATURES**

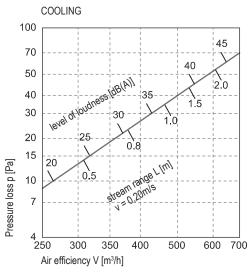
The figure shows airflow capacity V ( $m^3/h$ ), pressure loss p (Pa), airflow scope L (m) for end speed of 0.20 m/s, and volume level [db(A)].

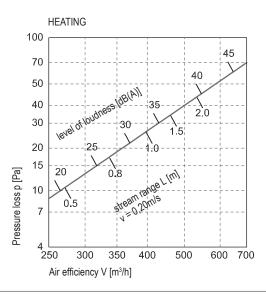


# perforated ceiling diffusers with long-throw nozzles

### FEATURES NSP/DZ-Q







#### FEATURES NSP/DZ-RQ i NSP/DZ-R

