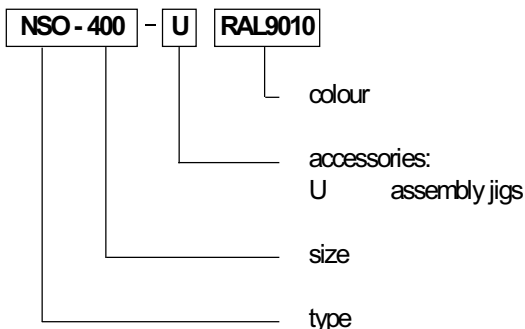

**DESCRIPTION**

NSO are round, non-perforated diffusers with full plane for supplying or exhausting air. They are designed for low- and medium-pressure installations and can be used with constant and variable airflow. The air can be supplied at the temperature by 12°C than the temperature in the ventilated room.

This makes them appropriate for cooling facilities with special microclimate requirements. Due to small size and discrete looks, NSO diffusers can be easily incorporated into modern ceiling systems. It is recommended to install into the ceiling plane.

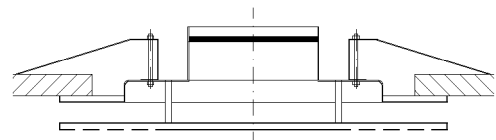
**FEATURES**

- short airflow stream
- can be installed with an expansion can SR/NS
- available in standard RAL 9010 colour
- upon customer's request, can be made in any colour from RAL palette

**ORDER REFERENCE**

**STANDARD SIZES**

	125	160	200	250	315	400
Ød [mm]	123	158	198	248	313	398
ØL [mm]	240	300	360	460	540	540
H [mm]	148	158	168	168	168	168
ØC [mm]	200	260	320	420	500	500
a [mm]	36					

ØC - installation hole size

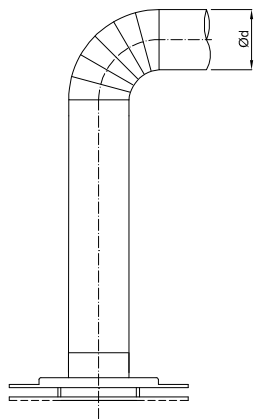
**ACCESSORIES**
**U - assembly jigs**


## round ceiling diffusers

### INSTALLATION

NSO diffusers can be installed directly in the round ventilation duct or expansion box SR/NSO. In both cases rivets or screws should be used for installation.

If the diffuser is installed directly to the underslung ceiling, prepare an installation hole of a size of  $\varnothing C$  and use factory assembly jigs, type U. Seal joints between the ceiling and the diffuser.



### FEATURES

The figure shows airflow capacity  $V$  ( $\text{m}^3/\text{h}$ ), pressure loss  $p$  (Pa), airflow scope  $L$  (m) for end speed of  $0.25 \text{ m/s}$ , and volume level [db(A)].

The airflow scope  $L$  relates to isothermal air supply.

