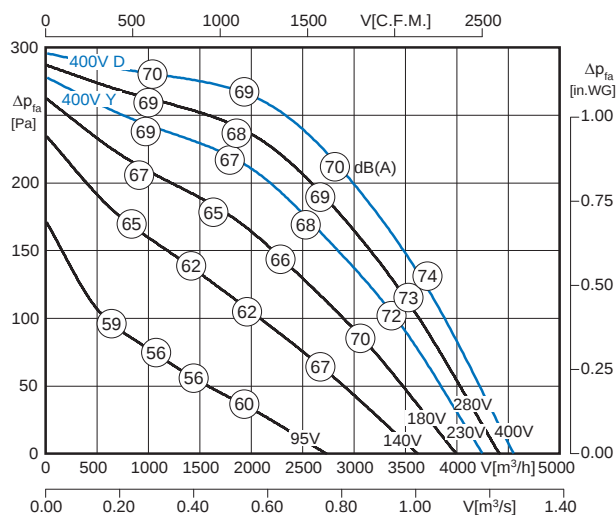




- in allen Einbaulagen montierbar
- rückwärtsgekr. Hochleistungslaufrad
- 100% stufenlos regelbar
- kompakte, raumsparende Bauart
- mountable in all installation positions
- backward curved high efficiency impeller
- speed is 100% infinitely variable
- compact, space saving design

## Technische Daten / Technical data:



## Geräusche / Sound levels:

$$L_{W(A)5} = L_{W(A)8} - 6 \text{ dB}$$

$$L_{W(A)6} = L_{W(A)8} - 3 \text{ dB}$$

$L_{W(A)8}$  ist in der Luftleistungskennlinie dargestellt  
is displayed in air performance curve

$$L_{W(A)5\text{okt}} = L_{W(A)5} + L_{W(A)5\text{rel}}$$

$$L_{W(A)6\text{okt}} = L_{W(A)6} + L_{W(A)6\text{rel}}$$

$$L_{W(A)8\text{okt}} = L_{W(A)8} + L_{W(A)8\text{rel}}$$

| LWArel A-bewertet bei V=0,5*Vmax<br>LWArel A-weighted at V=0,5*Vmax | fM [Hz] |     |     |     |     |     |     |
|---------------------------------------------------------------------|---------|-----|-----|-----|-----|-----|-----|
|                                                                     | 125     | 250 | 500 | 1K  | 2K  | 4K  | 8K  |
| LWA5 [dB(A)] Ansaugseite / inlet side                               | -17     | -15 | -14 | -12 | -12 | -15 | -27 |
| LWA6 / LWA8 [dB(A)] Ausblasseite / outlet side                      | -11     | -10 | -7  | -5  | -7  | -10 | -22 |

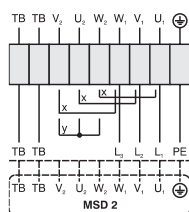
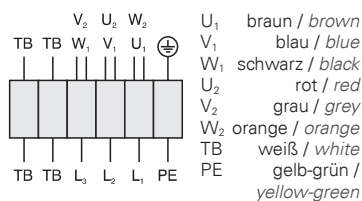
Düsenbeiwert / Calibration factor:  $k_{10} = 160$

| Ventilatorart / Fan Type | U [V]   | f [Hz] | P [kW]      | I <sub>N</sub> [A] | n [min <sup>-1</sup> ] | t <sub>R</sub> [°F] | t <sub>R</sub> [°C] | ΔI [%] | I <sub>a</sub> /I <sub>n</sub> | ⚠    | ★      | KG [kg] DKHR | KG [kg] DKHM |
|--------------------------|---------|--------|-------------|--------------------|------------------------|---------------------|---------------------|--------|--------------------------------|------|--------|--------------|--------------|
| DKH_450-6_B.125.5HA      | 3 ~ 400 | 50     | 0.38        | 1.1                | 945                    | 158                 | 70                  | -      | 3.8                            | IP54 | 01.006 | 12           | 31.5         |
| DKH_450-H_B.125.5HA      | 400 D/Y | 50     | 0.38 / 0.27 | 1.1 / 0.5          | 945 / 855              | 158                 | 70                  | -      | 3.8                            | IP54 | 01.045 | 12           | 31.5         |

## Schaltbild / Wiring diagram:

01.006

01.045

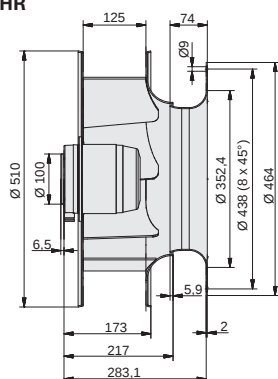


U<sub>1</sub> braun / brown  
V<sub>1</sub> blau / blue  
W<sub>1</sub> schwarz / black  
U<sub>2</sub> rot / red  
V<sub>2</sub> grau / grey  
W<sub>2</sub> orange / orange  
TB weiß / white  
PE gelb-grün / yellow-green

x Brücke für hohe Drehzahl / bridge for high speed  
y Brücke für niedrige Drehzahl / bridge for low speed

## Maße / Dimensions : [mm]

DKHR



DKHM

