

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Code                 | 497.3.265-445                                                                                                  |
| Voltage (V)          | 230 VAC                                                                                                        |
| Frequency (Hz)       | 50 Hz                                                                                                          |
| Customer             | KBA                                                                                                            |
| Working Order Number | 1006604                                                                                                        |
| Request Number       | 140-2020                                                                                                       |
| Number               | 0492261                                                                                                        |
| Test Date&Time       | 02.07.2020 09:38:07                                                                                            |
| Description          | 3 stage / tangential                                                                                           |
| Stator               | 105 / 0,40                                                                                                     |
| Rotor                |                                                                                                                |
| Controler            | 497.2.448-2                                                                                                    |
| Weight               | 2,81 kg                                                                                                        |
| Remarks              | ID=0120                                                                                                        |
| Source Results File  | M:\ECM\Merjenje_karakteristik\Vzorci 2020\497\140-2020VCMP497.3.265-4450492261_02.07.2020_09.38.071006604.tdms |

Ambient temperature [°C]= 24,07 Humidity [%]= 52,72 Absolute pressure [kPa]= 95,74 Warmup time [min]= 3 Tout [°C]= 34,11

| Orifice (mm) | Current I1 (A) | Input Power (W) | Speed (/min) | Vacuum (kPa) | Air Flow (dm <sup>3</sup> /s) | Air Power (W) | Efficiency (%) |
|--------------|----------------|-----------------|--------------|--------------|-------------------------------|---------------|----------------|
| 60,0         | 4,5            | 492,1           | NaN          | 0,2          | 31,8                          | 6,8           | 1,4            |
| 50,0         | 4,5            | 492,3           | NaN          | 0,4          | 31,8                          | 14,1          | 2,9            |
| 40,0         | 4,5            | 493,3           | NaN          | 1,1          | 31,4                          | 33,0          | 6,7            |
| 30,0         | 4,5            | 495,6           | NaN          | 2,6          | 27,8                          | 72,8          | 14,7           |
| 23,0         | 4,6            | 498,5           | NaN          | 5,5          | 23,5                          | 129,1         | 25,9           |
| 21,0         | 4,6            | 498,5           | NaN          | 6,7          | 21,6                          | 145,4         | 29,2           |
| 19,0         | 4,5            | 496,8           | NaN          | 7,9          | 19,2                          | 152,2         | 30,6           |
| 16,0         | 4,5            | 492,6           | NaN          | 9,9          | 15,1                          | 149,5         | 30,4           |
| 13,0         | 4,4            | 481,9           | NaN          | 12,4         | 11,1                          | 137,6         | 28,6           |
| 10,0         | 4,3            | 465,1           | NaN          | 14,4         | 7,1                           | 102,1         | 21,9           |
| 6,5          | 4,1            | 434,3           | NaN          | 15,9         | 3,2                           | 50,6          | 11,7           |
| 0,0          | 3,6            | 376,2           | NaN          | 18,3         | 0,0                           | 0,0           | 0,0            |

Normal operation according to IEC 60335-2-2:

Pf (W)= 492,01

Pi (W)= 382,37

Pm (W)= 437,19

Last Minute Comment:

Test engineer:

Rok Kavčič

At orifice 0 measured after 30 seconds

Maximum measured values:

Input power= 498,49 W Air power= 152,25 W Vacuum= 18,28 kPa Air flow= 31,84 dm<sup>3</sup>/s Efficiency= 30,64 %

