

## TECHNICAL PARAMETERS Power Amplifier A 6 00 11 210 + Field power supply

|   |  |  |
|---|--|--|
| Output power <sub>RMS</sub> <sup>1</sup>                              | 120,000 VA   | Interlocks: Overload, Temperature, Displacement, Air supply,<br>Compressed air, Phase monitoring, Emergency stop,<br>Differential pressure, Water flow rate, Conductance   |
| Frequency range   | DC - 5 kHz   |  |
| Voltage <sub>RMS</sub> <sup>1</sup> max.                              | ±212 V   | <b>Features:</b><br>Mains switch and integrated line filter<br>Low/Mid/High-Field (Energy-saving mode)<br>Field voltage/Field current variable<br>according to customer spec.<br>4 Sigma peak current<br>Color-Touchscreen |
| Current <sub>RMS</sub> <sup>1</sup> max.                              | 1,000 A  |  |
| Signal input voltage <sub>RMS</sub>                                   | 10 V   |  |
| Total Harmonic Distortion (at 70A <sub>RMS</sub> <sup>1</sup> 200 Hz) | < 0.2 %  |  |
| Signal to noise ratio   | > 80 dB  |  |
| Power supply - Amplifier (Standard)                                   | 3~ / N / PE 480 V±5% 60 Hz<br>Direct connection (Terminal block) |  |
| Power supply - Field power supply (Standard)                          | 3~ / N / PE 480 V±5% 60 Hz<br>Direct connection (Terminal block) |  |
| Max. power consumption at 480 V                                       |  |  |
| Amplifier (incl. cooling unit)  | 60 kVA   |  |
| Field power supply  | 40 kVA   |  |
| Recommended fuse protection Amplifier (Standard)                      | 225 A slow (for full extension)                                  |  |
| Recommended fuse protection FPS (Standard)                            | 125 A slow   |  |
| Dimensions - Amplifier (WxHxD)  | 70.9 x 86.6 x 35.4 in.   |  |
| Dimensions - Field power supply (WxHxD)                               | 23.6 x 68.5 x 33.5 in.   |  |
| Total mass - Amplifier  | 2,866 lb   |  |
| Total mass - Field power supply                                       | 1,102 lb   |  |

1) Values in connection with vibration exciter S 69440



Amplifier



Field power supply

## TECHNICAL PARAMETERS Cooling unit C 59412

|   |   |
|---|---|
| <b>Environmental conditions:</b>                |   |
| Temperature                                     | 41 - 86 °F  |
| Relative humidity                               | 10 - 80 %   |
| Energy transfer                                 | max. 3 kW   |
| <b>Process water:</b>                           |   |
| Temperature                                     | 41 - 59 °F  |
| Volume flow at max. supply temperature          | 5.9 cfm (for full extension)                          |
| Working pressure: supply - static               | ≤ 116 psi (≤ 800 kPa)                                 |
| Working pressure: dynamic differential pressure | ≥ 43.5 psi (≥ 300 kPa)                                |
| Dissipated heat flow                            | max. 110 kW   |
| Nominal width of supply pipes                   | R 1 1/2 IT (1.57 in.)                                 |
| pH value  | 7 ± 1   |
| Dimensions of dirt particles                    | < 984 µin.  |
| Water hardness (total/carbonate)                | < 1.4 mmol/l / < 0.9 mmol/l<br>(< 140 ppm / < 90 ppm) |
| Dimensions (WxHxD)                              | 31.8 x 84.7 x 43.0 in.                                |
| Total mass                                      | 1,036 lb  |

## TECHNICAL PARAMETERS Cooling blower TB 7/FUK/20

|   |                               |
|---|-------------------------------|
| Max. volume flow rate                     | 3,426 CFM                     |
| Max. total pressure difference            | 2.32 psi (16 kPa)             |
| Motor output                              | 20 kW                         |
| Max. frequency                            | 105 Hz                        |
| Hose diameter                             | 6.89 inch                     |
| Hose length (Std.)                        | 197 inch                      |
| Total mass                                | 288.8 lb                      |
| Dimensions (WxHxD)                        | 24.6 x 30.0 x 23.7 in.        |
| Max. sound pressure level                 | 105 dB(A)                     |
| <b>Connection box (fixation to wall):</b> |                               |
| Mass                                      | 22 lb                         |
| Dimensions (WxHxD)                        | 11.8 x 11.8 x 9.8 in.         |
| Power supply (variable)                   | 3~ / PE 480 V±5% 60 Hz CEE 63 |
| Recommended fuse protection (Standard)    | 50 A slow                     |
| Max. current consumption at 480 V         | 38 A                          |



Cooling unit C 59412



Cooling blower TB 7/FUK/20  
with frequency converter



Connection box  
with main switch (for blower)