

Technical Data

The technical data of the Heraeus Multifuge X3 F / X3 FR is listed in the following table.

Table 1-1. Technical Data Heraeus Multifuge X3 F / X3 FR

| Feature | Value | | | |
|---------------------------------|--|------------|------------------------------------|------------|
| Environmental conditions | -Use in interior spaces -Altitudes of up to 2,000 m above sea level -max. relative humidity 80 % up to 31 °C; decreasing linearly up to 50 % relative humidity at 40 °C. | | | |
| permissible ambient temperature | +2 °C to +35 °C | | +2 °C to +35 °C | |
| Overvoltage category | II | | II | |
| Pollution degree | 2 | | 2 | |
| Heat dissipation | ventilated | | refrigerated | |
| | 230 V | 120 V | 230 V | 120 V |
| | 6653 BTU/h | 4776 BTU/h | 5800 BTU/h | 4776 BTU/h |
| IP | 20 | | 20 | |
| running time | unlimited | | unlimited | |
| max Speed n_{max} | 15200 rpm (depending on the rotor) | | 15200 rpm (depending on the rotor) | |
| min Speed n_{min} | 300 rpm | | 300 rpm | |
| maximum RCF value at n_{max} | 25314 x g | | 25314 x g | |
| maximum kinetic energy | < 62.5 kJ | | < 62.5 kJ | |
| noise level at maximum speed | < 64 dB (A) | | < 64 dB (A) | |
| temperature setting range | -10 °C to +40 °C | | | |
| Dimensions | ventilated | | refrigerated | |
| | Height | 840 mm | 840 mm | |
| | Width | 550 mm | 550 mm | |
| | Depth | 670 mm | 670 mm | |
| | Table top height | 790 mm | 790 mm | |
| weight without rotor | 152.5 kg | | 142.5 kg | |