

# W220 TDC

## Mechanic Welding Regulation



Welder mechanical regulation of the welding current. Reliability, sturdiness and soundproof for all your particular needs.

### Welder Parameters

|                          |   |             |
|--------------------------|---|-------------|
| Welding current A        | A | 40-220      |
| Min/Max welding voltage  | V | 21.6 / 28.8 |
| Welding service at 60% A | A | 170         |

### Max diameter of electrode

|           |    |   |
|-----------|----|---|
| Rutile    | mm | 5 |
| Basic     | mm | 5 |
| Cellulose | mm | 5 |

### Power Specifications

|              |            |           |
|--------------|------------|-----------|
| Voltage      | V          | 400/230   |
| Frequency    | Hz         | 50        |
| Power factor | cos $\phi$ | 0.8 / 0.9 |

### Power

|                        |        |           |
|------------------------|--------|-----------|
| Three phase power LTP  | kW/kVA | 5.5 / 6.1 |
| Three phase power COP  | kVA    | 5.6       |
| Single phase power LTP | kW/kVA | 2.4 / 2.7 |
| Single phase power COP | kVA    | 2.3       |

### Engine specifications

|                                     |                 |     |
|-------------------------------------|-----------------|-----|
| Engine manufacturer                 | Honda           |     |
| Model                               | GX390 Recoil    |     |
| Version                             | 50 Hz           |     |
| Engine cooling system               | Air             |     |
| Displacement                        | cm <sup>3</sup> | 389 |
| Aspiration                          | Natural         |     |
| Speed governor                      | Mechanical      |     |
| Prime gross power PRP               | kW              | 6.6 |
| Maximum gross power LTP             | kW              | 7.7 |
| Oil capacity                        | l               | 1.1 |
| Fuel                                | Petrol          |     |
| Specific fuel consumption @ 75% PRP | g/kWh           | 313 |
| Starting system                     | Recoil          |     |

### Consumption

|                            |     |     |
|----------------------------|-----|-----|
| Consumption at 75% of load | l/h | 2.2 |
| Fuel tank capacity         | l   | 6.1 |
| Running time at 75% COP    | h   | 2.8 |

### Noise emission

|                              |       |    |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 97 |
| Noise level at 7 m           | dB(A) | 72 |

### Dimensions and weight

|            |        |     |
|------------|--------|-----|
| Length     | (L) mm | 875 |
| Width      | (W) mm | 620 |
| Height     | (H) mm | 600 |
| Dry weight | Kg     | 80  |

### Control Panel

|                                                          |          |
|----------------------------------------------------------|----------|
| Selector (8X2 position) allows to change welding current | Standard |
| SCHUKO 230V 16A IP54                                     | 1        |
| 2P+T CEE 230V 16A IP44                                   | 1        |
| 3P+T CEE 400V 16A                                        | 1        |

### Alternator and socket protection

|                     |       |
|---------------------|-------|
| Electric protection | IP 23 |
| Socket protection   | IP 44 |



The information is aligned with the Data file at the time of download. Printed on 15/01/2021 (ID 737)

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