

| Output Ratings | | |
|----------------|--------------------|----------------------|
| Genset Model | Prime ¹ | Standby ² |
| 380-415V, 50Hz | 88 kVA / 70.4 kW | 97 kVA / 77.6 kW |

Ratings are given at 0,8 power factor

| Dimension & Weight | | | | | |
|--------------------|-------------|-----------|------------|------------|--------------------|
| | Length [mm] | Width[mm] | Height[mm] | Weight[kg] | Fuel Tank Capacity |
| Kabinsiz | 2150 | 1100 | 1320 | 1131 | 174 |
| Kabinli | 2880 | 1100 | 1720 | 1502 | |

Motor yağı ve soğutma suyu ağırlığına dahildir.

| Engine Technical Data | |
|-------------------------|-------------------|
| Engine Model : | SDEC - SC4H 115D2 |
| Number of Cylinders: | 4 / Inline |
| Cycle : | 4 Stroke |
| Bore / Stroke [mm] : | 105 / 124 |
| Induction : | Turbocharged |
| Cooling Method : | Water cooled |
| Governor Type : | Electronic |
| Compression Ratio : | 17.3:1 |
| Displacement [lt] : | 4.3 |
| Electrical Sys. Voltage | 24 / Negative |

| Cooling System | |
|--------------------------------|----|
| Cooling System Capacity [lt] : | 26 |

| Lubrication System | |
|---------------------------|----|
| Total Oil Capacity [lt] : | 13 |

| Exhaust System | |
|--------------------------------------|---|
| Max. Allowable Back Pressure [kPa] : | 6 |

| Fuel System | |
|--------------------|---------------------|
| Fuel Filter Type : | Replaceable Element |
| Recommended Fuel : | Class A2 Diesel |

| | |
|----------------------------|-----|
| Exhaust Gas Temp. [°C] : | 600 |
|----------------------------|-----|

| Fuel Consumption [lt] : | | | | | |
|-------------------------|------|------|------|------|--|
| | 110% | 100% | 75% | 50% | |
| Prime | Load | Load | Load | Load | |
| 50Hz | 22.1 | 20.2 | 15.2 | 10.3 | |

| Performance | |
|----------------------|------|
| Engine Speed [rpm] : | 1500 |

| | |
|---------------------------|----|
| Gross Engine Power [kW] : | |
| Prime | 78 |
| Standby | 86 |

| | |
|---------------------------|-----|
| Fuel Tank Capacity (L): | 174 |
|---------------------------|-----|

| Air Systems | |
|-------------------|---------------------|
| Air Filter Type : | Replaceable Element |

(Based on diesel fuel with a spec. gravity of 0,84 and complied with BS2869, Class A2)

| Alternator Data | |
|-------------------------------------|-------------|
| Manufacturer : | LINZ |
| Model : | PRO 22 SC/4 |
| No. of Bearings : | Single |
| Insulation Class: | H |
| Winding Pitch : | 2/3 |
| Number of Wire : | 12 |
| Protection Class : | IP23 |
| Efficiency: | 90.3% |
| Voltage Regulation (Steady State) : | 1.0% |
| Total Harmonic Content: | 4.0% |
| Apparent power [kVA]: | 96 |

Available Options

Arken offers a range of optional features to tailor our gensets to meet your power requirements.

Options:

- * A wide range of Sound Attenuated Enclosures
- * A variety of generating set control and synchronising panels
- * Additional alarms and shutdowns
- * A selection of exhaust silencer noise levels

For further information on all of the standard and optional features for this product, please contact ARKEN or visit www.arkenjenerator.com

1-Prime Rating: These ratings are applicable for supplying continuous electrical power (at variable load) of commercially purchased power. There is no limitation to the annual hours of operation, this model can supply 10% overload power 1 hour in each 12 hours.

2-Standby Rating: These ratings are applicable for supplying continuous electrical power (at variable load) in the event of an utility power failure.No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528)

Standard Reference Conditions: Standart reference conditions 25°C Air Inlet Temp. 100m, 30% relative humidity.