## **TECHNICAL DATASHEET P 1700 S**



P 1700 S

## POWERFULL "S"

For illustrative purposes only

ENGINE Description



www



| MAIN DATA              |                |
|------------------------|----------------|
| Continuous power (PRP) | 1705.00 kVA    |
| Continuous power (PRP) | 1364.00 kW     |
| Emergency power (E.P.) | 1873.00 kVA    |
| Emergency power (E.P.) | 1498.40 kW     |
| VAC - HZ - cos(fi)     | 380 - 50 - 0.8 |
| Sound pressure 7 m.    | 78.0 dBA       |

## DIMENSIONS AND WEIGHT

**OR** 

| Width  | 2900  | mm |
|--------|-------|----|
| Length | 9380  | mm |
| Height | 3550  | mm |
| Weight | 15300 | kg |

| Engine model               | 4012-46TAG3A |        |  |  |
|----------------------------|--------------|--------|--|--|
| Cylinders                  | 12           |        | ALTERNAT   |  |
| RPM speed                  | 1500         |        | Description  |  |
| Cubic capacity             | 45.84        | I      | Alternator mo  |  |
| Air intake                 | Turbocharged |        | P.R.P. Power   |  |
| Standard voltage           | 24           | Vdc    | E.P. Power   |  |
| Optional voltage           |              | Vdc    | Connection   |  |
| Sae                        | 00-18        |        | Phases   |  |
| BMEP                       | 2603         | kPa    | Winding  |  |
| Cooling                    | Water        |        | Terminal Num   |  |
| Flywheel P.R.P. Power net  | 1436.0       | kW     | IP Protection  |  |
| Flywheel E.P. Power net    | 1579.0       | kW     | Electronic reg   |  |
| Fuel Cons. at 100% (E.P.)  | 405.0        | l/h    | Precision  |  |
| Fuel Cons. at 100% (P.R.P) | 370.0        | l/h    | BASEFRAM   |  |
| Fuel Cons. at 75% (P.R.P.) | 275.0        | l/h    | Model  |  |
| Fuel Cons. at 50% (P.R.P.) | 187.0        | l/h    | Standard tank  |  |
| Fuel Cons. at 25% (P.R.P.) | 0.0          | l/h    | Optional tank  |  |
| Electronic regulator       | Standard     |        | Oversized tan  |  |
| Precision class            | G3           |        |  |  |
| Oil quantity               | 177.0        | I      | CANOPY &   |  |
| Engine Antifreeze capacity | 73.0         | 1      | Canopy model   |  |
| Radiator type              | TE           |        | Silencer mode  |  |
| Heat from radiator         | 510.0        | kW     | Silencer outlet  |  |
| Heat from exhaust          | 1102.0       | kW     | Standard reference<br>atmospheric press  |  |
| Heat from radiation        | 110.0        | kW     | distortional. Fuel c<br>power values refer<br>Dimensions, weigh<br>related attachment<br>equipment; any c<br>dimensions, perforn<br>The power that a ge<br>number of hours p<br>environmental conc<br>power supplied ove<br>stated by the Manu<br>generating set can |  |
| Exhaust temperature        | 480          | °C     |  |  |
| Portata Raffreddamento     | 1920.0       | m³/min |  |  |
| Combustion air flow        | 125.0        | m³/min |  |  |
| Exhaust gas flow           | 350.0        | m³/min |  |  |
| TA Luft                    | Ν            |        |  |  |
| TA Luft/2                  | Ν            |        | maintenance frequ<br>Manufacturer. The r<br>average power out<br>manufacturer. Over  |  |
| EPA                        | Ν            |        |  |  |
| Stage                      | Ν            |        |  |  |
|                            |              |        |  |  |

PERKINS

| Description          | STAMFORD |     |
|----------------------|----------|-----|
| Alternator model     | S7L1D-E  |     |
| P.R.P. Power         | 1750.0   | kVA |
| E.P. Power           | 1873.0   | kVA |
| Connection           | Star     |     |
| Phases               | 3FN      |     |
| Winding              | 312      |     |
| Terminal Number      | 6        | nr. |
| IP Protection        | 23       |     |
| Electronic regulator | MX341    |     |
| Precision            | 1.0      | ± % |
| BASEFRAME            |          |     |
| Model                | ST60     |     |
| Standard tank        | 0        | I   |
| Optional tank        | 0        | 1   |
| Oversized tank*      | 0        | 1   |

| CANOPY & SILENCER        |           |
|--------------------------|-----------|
| Canopy model             | C60/08/01 |
| Silencer model           |           |
| Silencer outlet diameter | 0.0 mm    |

e conditions temperature 25°C, altitude 100m asl, relative humidity 30%. sure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non consumption is nominal and refers to specific weight 0,850kg/l. Sound er to free field conditions: the installation site may influence the values. hts and other specifications contained in the technical data sheet and its are nominal, subject to tolerances and refer to the model with standard optional and additional equipment/accessories can modify weight, rmance. P.R.P. Prime Power-Continuous power at variable load: genset can supply in continuous service at a variable load for an unlimited per year while respecting the maintenance intervals established in the ditions stated by the Manufacturer. according to ISO8528-1. The average ver time and any applicable overload must be less than the percentages nufacturer. **E.P. - Emergency power:** This is the maximum power that a n deliver for a limited number of hours per year while complying with the quency stipulated under the environmental conditions set by the number of hours per year is determined by the engine manufacturer. The utput over time must be lower than the percentages set by the engine erloading is not allowed.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

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