



| Electrical data                                  |          | QAS 14              | QAS 20              | QAS 30                                  | QAS 45                                  | QAS 60                                  | QAS 110**                               | QAS 150                                 | QAS 200                                 |
|--------------------------------------------------|----------|---------------------|---------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Rated frequency                                  | Hz       | 50                  | 50                  | 50                                      | 50                                      | 50   60                                 | 50   60                                 | 50   60                                 | 50   60                                 |
| Rated voltage (1)                                | V        | 400                 | 400                 | 400                                     | 400                                     | 400   480                               | 400   480                               | 400   480                               | 400   480                               |
| Prime power (PRP)                                | kVA / kW | 14,1 / 11,3         | 17,5 / 14           | 28 / 22,5                               | 43,5 / 35                               | 60/48   59/47                           | 112/90 125/100                          | 150/120   175/140                       | 200/160   234/187                       |
| Rated standby power (ESP)                        | kVA / kW | 15,5 / 12,4         | 18,7 / 15           | 31 / 25                                 | 47,6 / 38                               | 60/48   59/47                           | 122/98 138/110                          | 165/132   193/154                       | 220/176   258/206                       |
| Power factor cos φ                               |          | 0,8                 | 0,8                 | 0,8                                     | 0,8                                     | 0,8                                     | 0,8                                     | 0,8                                     | 0,8                                     |
| Rated current (PRP)                              | A        | 20,4                | 25                  | 41                                      | 63                                      | 86   71                                 | 162   150                               | 217   211                               | 289   282                               |
| Single step load acceptance (G2) acc. ISO-8528/5 | %        | 100                 | 100                 | 100                                     | 100                                     | 100   100                               | 60   75                                 | 60   75                                 | 50   50                                 |
| Operating temperature (min/ max)                 | °C       | -25 / 50            | -25 / 50            | -25 / 50                                | -25 / 50                                | -25 / 50                                | -25 / 50                                | -25 / 50                                | -25 / 50                                |
| Fuel consumption                                 |          |                     |                     |                                         |                                         |                                         |                                         |                                         |                                         |
| Fuel tank capacity (Standard / long autonomy)    | l        | 115                 | 115                 | 92 / 257                                | 92 / 257                                | 220 / 485                               | 247 / 485                               | 308 / 750                               | 308 / 750                               |
| Fuel consumption 100% PRP load 50Hz              | l / h    | 3,7                 | 4,6                 | 6,3                                     | 10,1                                    | 13                                      | 23   28                                 | 31,9   35,8                             | 39,2   45                               |
| Fuel autonomy 100% PRP load 50Hz                 | h        | 30,5                | 25                  | 14 / 41                                 | 9 / 25,6                                | 17 / 37                                 | 10,7 / 21   8,8 / 17,3                  | 10/23   8,5/21                          | 8/19   7/17                             |
| Engine                                           |          |                     |                     |                                         |                                         |                                         |                                         |                                         |                                         |
| Model (EU Stage compliant)                       |          | KUBOTA D1703M-E4BG  | KUBOTA V2203M-E4BG  | KUBOTA V2403 CRT E5                     | KUBOTA V3800-CRT E5                     | FPT F34TEVP01                           | FPT N45                                 | FPT N67TEVP02                           | FPT N67TEVP01                           |
| Speed                                            | rpm      | 1500                | 1500                | 1500                                    | 1500                                    | 1500   1800                             | 1500   1800                             | 1500   1800                             | 1500   1800                             |
| Rated net power (with fan)                       | kWm      | 13,2                | 15,8                | 25,5                                    | 38,9                                    | 54   53,6                               | 97   106,5                              | 136   150,5                             | 176   200,5                             |
| Aspiration                                       |          | Natural aspired     | Natural aspired     | Turbocharged and air-to-air aftercooled | Turbocharged and air-to-air aftercooled | Turbocharged and air-to-air aftercooled | Turbocharged and air-to-air aftercooled | Turbocharged and air-to-air aftercooled | Turbocharged and air-to-air aftercooled |
| Speed control                                    |          | Electronic          | Electronic          | Electronic                              | Electronic                              | Electronic                              | Electronic                              | Electronic                              | Electronic                              |
| Number of cylinders                              |          | 3L                  | 4L                  | 4L                                      | 4L                                      | 4L                                      | 4L                                      | 6L                                      | 6L                                      |
| Coolant                                          |          | Parcool             | Parcool             | Parcool                                 | Parcool                                 | Parcool                                 | Parcool                                 | Parcool                                 | Parcool                                 |
| Swept volume                                     | l        | 1,7                 | 2,2                 | 2,4                                     | 3,8                                     | 3,4                                     | 4,5                                     | 6,7                                     | 6,7                                     |
| Exhaust gas after treatment system               |          | N/A                 | N/A                 | DOC+DPF                                 | DOC+DPF                                 | EGR+DOC+DPF                             | DOC+SCRoF +CUC                          | DOC+SCRoF +CUC                          | DOC+SCRoF +CUC                          |
| Ad-Blue tank capacity                            | l        | N/A                 | N/A                 | N/A                                     | N/A                                     | N/A                                     | 43                                      | 43                                      | 43                                      |
| Alternator                                       |          |                     |                     |                                         |                                         |                                         |                                         |                                         |                                         |
| Brand   Model                                    |          | LEROY SOMER TAL040D | LEROY SOMER TAL040F | LEROY SOMER TAL 042C                    | LEROY SOMER TAL 042F                    | LEROY SOMER TAL 042H                    | LEROY SOMER TAL 044E*                   | LEROY SOMER TAL 044J                    | LEROY SOMER TAL 044M                    |
| Rated output (ESP 27°C   40°C)                   | kVA      | 16,5                | 22                  | 35                                      | 50                                      | 66   80                                 | 133   165                               | 165   199                               | 220   265                               |
| Degree of protection / Insulation class          |          | IP 23 / H           | IP 23 / H           | IP 23 / H                               | IP 23 / H                               | IP 23 / H                               | IP 23 / H                               | IP 23 / H                               | IP 23 / H                               |
| Excitation type / AVR model                      |          | AREP+ / R180        | AREP+ / R180        | AREP+ / R180                            | AREP+ / R180                            | AREP+ / D350                            | AREP+ / D350                            | AREP+ / D350                            | AREP+ / D350                            |
| Noise level                                      |          |                     |                     |                                         |                                         |                                         |                                         |                                         |                                         |
| Sound power level (LwA)                          | dB(A)    | 87                  | 88                  | 89                                      | 90                                      | 89                                      | 93                                      | 93                                      | 94                                      |
| Sound pressure level (LpA) at 7m                 | dB(A)    | 59                  | 60                  | 61                                      | 62                                      | 61                                      | 65                                      | 65                                      | 66                                      |
| Dimensions and weight                            |          |                     |                     |                                         |                                         |                                         |                                         |                                         |                                         |
| Length                                           | mm       | 1780                | 1780                | 2100                                    | 2100                                    | 2730                                    | 2730                                    | 3500                                    | 3500                                    |
| Width                                            | mm       | 870                 | 870                 | 950                                     | 950                                     | 1100                                    | 1100                                    | 1160                                    | 1160                                    |
| Height                                           | mm       | 1200                | 1200                | 1480                                    | 1300                                    | 1795                                    | 1795                                    | 1850                                    | 1850                                    |
| Weight (dry / wet )                              | kg       | 651 / 750           | 696 / 795           | 810/ 905                                | 985 / 1065                              | 1670 / 1870                             | 1815 / 2115                             | 2450 / 2750                             | 2575 / 2880                             |

(1) Other voltages available, please consult. \* Standard tank is already long autonomy. Not all the standards or options are available in all the range, for further information contact to Atlas Copco support. N/A means not apply. DOC = Diesel Oxidation Catalyst | DPF = Diesel Particulate Filter | EGR = Exhaust Gas Recirculation | SCRoF = Selective Catalytic Reduction on Filter | CUC = Clean Up Catalyst | SCR = Selective Catalytic Reduction | \*\* Preliminary data