**Manufacturer:**

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## Published Engine CO2 Values

## 公布的发动机二氧化碳值

As required by Article 43(4) of Regulation (EU) 2016/1628, LONCIN Engines is making available to you the measured carbon dioxide (CO2) emissions value in g/kWh determined during the EU type-approval process and recorded in EU type-approval certificate. This value shall be provided to the end-users accompanied of the following statement:
'This CO2 measurement results from testing over a fixed test cycle under laboratory conditions a(n) (parent) engine representative of the engine type (engine family) and shall not imply or express any guarantee of the performance of a particular engine.'

按照第(EU)2016/1628号条例第43(4)条的要求，LONCIN向您提供在欧盟型式批准过程中确定并记录在欧盟型式批准证书中的以g/kWh为单位的发动机二氧化碳(CO2)排放测量值。这一数值应提供给最终用户，并附有以下说明：
"这种CO2测量结果是在实验室条件下的固定测试循环中测试发动机系列(发动机系族)的一个(源)发动机得到的，并不意味着或表示对某一特定发动机性能的任何保证。"

| Europe Stage V Type Approval Number<br>欧盟五阶段型式批准号 | Europe Stage V Family<br>欧盟五阶段系族 | EngineModels<br>发动机型号 | CO2 (g/kW-hr)<br>二氧化碳（克/千瓦小时） | Test Cycle<br>测试循环 |
|---|---|---|---|---|
| e13*2016/1628*2017/656SYB1/P*0009*00<br>e13*2016/1628*2016/1628SYB1/P*0009*01 | 1P85FA | 1P85FA, LC1P85FA | 740.96 | G1 |
| e13*2016/1628*2017/656SYB1/P*0013*00<br>e13*2016/1628*2016/1628SYB1/P*0013*01<br>e13*2016/1628*2016/1628SYB1/P*0013*02<br>e13*2016/1628*2021/1068SYB1/P*0013*03 | 1P92F-1 | 1P92F-1, LC1P92F-1, 1P90F-1, LC1P90F-1, 1P88F-1, LC1P88F-1 | 773.41 | G1 |
| e13*2016/1628*2017/656SYB1/P*0004*00<br>e13*2016/1628*2016/1628SYB1/P*0004*01<br>e13*2016/1628*2021/1068SYB1/P*0004*02 | 1P96F | 1P96F, LC1P96F, 1P91F, LC1P91F | 707.39 | G1 |
| e13*2016/1628*2017/656SYB2/P*0014*00<br>e13*2016/1628*2016/1628SYB2/P*0014*01<br>e13*2016/1628*2022/992SYB2/P*0014*02 | 2P82F | 2P82F, LC2P82F, 2P80F, LC2P80F, 2P77F, LC2P77F | 805.99 | G1 |
| e13*2016/1628*2021/1068SRB1/P*0604*00 | 420G | H420G | 845.7 | G2 |
| e13*2016/1628*2020/1040EV1/D*0556*00 | NRE.227H | LCD170F, D230F, D230FD, LCD170FD, D170F, D170FD, D230F-A, D230FD-A | 1257.05 | G2 |
| e13*2016/1628*2016/1628EV1/D*0417*00<br>e13*2016/1628*2016/1628EV1/D*0417*01 | NRE.462H | LCD188FD, D460FD, D460F, LCD188F, D188F, D188FD, D440F, D440FD, LC186F, LC186FD, 186F, 186FD, D350F, D350FD, LC178F, LC178FD, 178F, 178FD | 1077.75 | G2 |
| e13*2016/1628*2020/1040SRA1/P*0531*00 | NRS.133H | H135 | 955.83 | G2 |
| e13*2016/1628*2016/1628SRA1/P*0221*00<br>e13*2016/1628*2016/1628SRA1/P*0221*01 | NRS.149H | LC165F-3H, 165F-3H | 859.28 | G2 |
| e13*2016/1628*2017/656SRA1/P*0019*00<br>e13*2016/1628*2016/1628SRA1/P*0019*01<br>e13*2016/1628*2022/992SRA1/P*0019*02 | NRS.149I | 165F-4, LC165F-4, H150G-2 | 773.68 | G2 |
| e13*2016/1628*2017/656SRA1/P*0101*00<br>e13*2016/1628*2016/1628SRA1/P*0101*01 | NRS.159V | 1P65FC, LC1P65FC, 1P65F-2, LC1P65F-2, 1P61FC, LC1P61FC | 880.45 | G2 |
| e13*2016/1628*2016/1628SRA1/P*0502*00 | NRS.166H | 165F-5, LC165F-5 | 1002.87 | G2 |
| e13*2016/1628*2017/656SRA1/P*0035*00<br>e13*2016/1628*2016/1628SRA1/P*0035*01<br>e13*2016/1628*2016/1628SRA1/P*0035*02 | NRS.166V | 1P65FE-2, LC1P65FE-2, 1P61FE-2, LC1P61FE-2, 1P65FE, LC1P65FE, 1P65FE-4, LC1P65FE-4, 1P65FE-3, LC1P65FE-3, 1P61FE, LC1P61FE | 922.38 | G2 |
| e13*2016/1628*2022/992SYA3/P*0725*00 | NRS.166VL | 1P65FE-2, LC1P65FE-2 | 914 | G1 |
| e13*2016/1628*2017/656SRA1/P*0081*00<br>e13*2016/1628*2016/1628SRA1/P*0081*01 | NRS.196V | 1P70FC, LC1P70FC, 1P70F-2, LC1P70F-2 | 879.62 | G2 |
| e13*2016/1628*2020/1040SRA1/P*0545*00 | NRS.196VE | V200 | 965 | G2 |
| e13*2016/1628*2022/992SYA1/P*0704*00 | NRS.202V | CV200-2,CV170-2,CV145-2 | 794.46 | G1 |
| e13*2016/1628*2022/992SYA3/P*0744*00 | NRS.202VL | CV200-2A,CV170-2A,CV145-2A | 800 | G1 |

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|---|---|---|---|---|
| e13*2016/1628*2017/656SRA1/P*0121*00<br>e13*2016/1628*2016/1628SRA1/P*0121*01<br>e13*2016/1628*2022/992SRA1/P*0121*02 | NRS.212A | G210FA, 170FA, LC170FA, 170FDA, LC170FDA, G210FA-C, G210FDA-C, G210FDA, G200FA, G200FDA, G200FA-B | 796.16 | G2 |
| e13*2016/1628*2017/656SRA1/P*0076*00<br>e13*2016/1628*2016/1628SRA1/P*0076*01<br>e13*2016/1628*2016/1628SRA1/P*0076*02<br>e13*2016/1628*2022/992SRA1/P*0076*03 | NRS.212H | LC170F-2, 170F, 170F-2, 170F-B, 170F-C, 170FD, 170F-D, 170FD-2, 170FD-B, 170FD-C, LC170F, LC170F-B, LC170F-C, LC170FD, LC170F-D, LC170FD-2, LC170FD-B, LC170FD-C, 168F-2, 168F-2B, 168F-2C, 168F-2D, 168F-2H, 168FD-2, 168FD-2B, 168FD-2C, LC168F-2, LC168F-2B, LC168F-2C, LC168F-2D, LC168F-2H, LC168FD-2, LC168FD-2B, LC168FD-2C, G200F, G200FD, G200F-B, G200FD-B, G200F-C, G200FD-C, 165F, 165F-C, 165FD, 165F-D, LC165F, LC165F-C, LC165FD, LC165F-D, H200, G160F | 811.46 | G2 |
| e13*2016/1628*2016/1628SRA1/P*0216*00<br>e13*2016/1628*2016/1628SRA1/P*0216*01 | NRS.212I | 170F-3, LC170F-3, 170FD-3, LC170FD-3 | 1047.08 | G2 |
| e13*2016/1628*2016/1628TRA1/P*0407*00<br>e13*2016/1628*2016/1628TRA1/P*0407*01 | NRS.212S | 170FS, 170FDS, LC170FDS, LC170FS, 170FDS-1, 170FS-1, LC170FDS-1, LC170FS-1, 170FDS-2, 170FS-2, LC170FDS-2, LC170FS-2, 170FDS-3, 170FS-3, LC170FDS-3, LC170FS-3, G210FDS, G210FS, G210FDS-3, G210FS-3, G210FDS-1, G210FS-1, G210FS-2, G210FDS-2, G210FDS-4, G210FS-4, 168FDS-2, 168FS-2, G200FDS, G200FS, G200F, G200FD, LC168FDS-2, LC168FS-2, 165FDS, 165FS, LC165FDS, LC165FS, 165FDS-1, 165FS-1, LC165FDS-1, LC165FS-1, 165FDS-2, 165FS-2, LC165FDS-2, LC165FS-2 | 844.85 | G2 |
| e13*2016/1628*2021/1068SRA1/P*0626*00<br>e13*2016/1628*2022/992SRA1/P*0626*01 | NRS.223I | H225G-2 | 849 | G2 |
| e13*2016/1628*2022/992SRA2/P*0646*00 | NRS.224H | H225, H225G | 875 | G2 |
| e13*2016/1628*2017/656SRA2/P*0033*00<br>e13*2016/1628*2017/656SRA2/P*0033*01<br>e13*2016/1628*2016/1628SRA2/P*0033*02 | NRS.224V | 1P75F, LC1P75F, 1P70F-3, LC1P70F-3 | 891.86 | G2 |
| e13*2016/1628*2016/1628SRB1/P*0219*00<br>e13*2016/1628*2016/1628SRB1/P*0219*01 | NRS.252H | LC175F-2, 175F-2, LC175FD-2, 175FD-2 | 791.7 | G2 |
| e13*2016/1628*2016/1628TRB1/P*0409*00<br>e13*2016/1628*2022/992TRB1/P*0409*01 | NRS.252S | G250FDS-2, G250FDS, G250FS, G250FDS-1, G250FS-1, G250FS-2, G250FDS-3, G250FS-3, G250FDS-4, G250FS-4 | 891.24 | G2 |
| e13*2016/1628*2016/1628SRB1/P*0408*00<br>e13*2016/1628*2016/1628SRB1/P*0408*01 | NRS.270H | G270F, G270F-B, G270F-C, G270FD, G270FD-B, G270FD-C, LC177F, 177F, LC177F-C, 177F-C, LC177FD, 177FD | 837.19 | G2 |
| e13*2016/1628*2022/992SRB1/P*0682*00 | NRS.300V | CV300-7 | 916 | G2 |
| e13*2016/1628*2016/1628TRB1/P*0411*00<br>e13*2016/1628*2016/1628TRB1/P*0411*01 | NRS.302S | 180FDS-1, 180FS, 180FDS, LC180FDS, LC180FS, 180FS-1, LC180FDS-1, LC180FS-1, 175FDS, 175FS, LC175FDS, LC175FS, 175FDS-1, 175FS-1, LC175FDS-1, LC175FS-1 | 908.77 | G2 |
| e13*2016/1628*2017/656SRB1/P*0073*00<br>e13*2016/1628*2016/1628SRB1/P*0073*01<br>e13*2016/1628*2021/1068SRB1/P*0073*02 | NRS.420A | G420FA, G420FA-D, G420FDA, G420FDA-D, G390FA, G390FDA, G300FA, G300FDA, G300FA-C, G300FDA-C, G300FA-B, G300FDA-B, H340G | 817.85 | G2 |
| e13*2016/1628*2017/656SRB1/P*0126*00<br>e13*2016/1628*2017/656SRB1/P*0126*01<br>e13*2016/1628*2016/1628SRB1/P*0126*02 | NRS.420H | G420F, G420FD, G420F-D, G420FD-D, LC190F, LC190FA, LC190FD, LC190FD-1, LC190FD-D, LC190F-D, LC190F-1, 190F, 190FA, 190FD, 190FD-1, 190FD-D, 190F-D, 190F-1, LC188F, LC188FW, LC188FWD, LC188FD, LC188FD-1, LC188FD-D, LC188F-D, LC188F-1, 188F, 188FW, 188FWD, 188FD, 188FD-1, 188FD-D, 188F-D, 188F-1, G390F, G390FD, G390FD-D, G390F-D, LC185F, LC185FD, LC185FD-D, LC185F-D, 185F, 185FD, 185FD-D, 185F-D, G340F, G340FD, G340FD-D, G340F-D, LC182F, LC182FD, LC182FD-D, LC182F-D, 182F, 182FD, 182FD-D, 182F-D, 180F, 180FD, 180F-C, 180FD-C, LC180F, LC180FD, LC180F-C, LC180FD-C | 728.44 | G2 |
| e13*2016/1628*2020/1040SRB2/P*0541*00 | NRS.420I | 190FD-2, LC190FD-2 | 1042.29 | G2 |
| e13*2016/1628*2016/1628TRB1/P*0410*00<br>e13*2016/1628*2016/1628TRB1/P*0410*01<br>e13*2016/1628*2022/992TRB1/P*0410*02 | NRS.420S | 190FDS-1, LC190FDS, LC190FS, 190FDS, 190FS, LC190FDS-1, LC190FS-1, 190FS-1, LC185FDS, LC185FS, 185FDS, 185FS, LC185FDS-1, LC185FS-1, 185FDS-1, 185FS-1, G390FDS, G390FS, G390FD, G390F | 921.45 | G2 |
| e13*2016/1628*2016/1628SRB1/P*0220*00<br>e13*2016/1628*2016/1628SRB1/P*0220*01<br>e13*2016/1628*2022/992SRB1/P*0220*02<br>e13*2016/1628*2022/992SRB1/P*0220*03<br>e13*2016/1628*2022/992SRB1/P*0220*04 | NRS.622H | 196FD, LC196FD, 196F, LC196F, 192F, LC192F, 192FD, LC192FD, H550G, H550G-2, H500-2, H500G-2 | 853.39 | G2 |

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|---|---|---|---|---|
| e13*2016/1628*2016/1628SYB1/P*0341*00<br>e13*2016/1628*2016/1628SYB1/P*0341*01<br>e13*2016/1628*2020/1040SYB1/P*0341*02<br>e13*2016/1628*2022/992SYB1/P*0341*03<br>e13*2016/1628*2022/992SYB1/P*0341*04 | NRS.635V | 2P76F, LC2P76F, 2P73F, LC2P73F, 2P73F-A, LC2P73F-A, V635-3, V635-3A, V635-3B | 850 | G1 |
| e13*2016/1628*2022/992SYB3/P*0694*00 | NRS.635V | CV635-6 | 806 | G1 |
| e13*2016/1628*2022/992SYB3/P*0703*00 | NRS.635Vi | CV635i-6 | 957 | G1 |
| e13*2016/1628*2017/656SRB3/P*0140*00<br>e13*2016/1628*2016/1628SRB3/P*0140*01 | NRS.764H | 2V80FD, LC2V80FD | 771.72 | G2 |
| e13*2016/1628*2022/992SVA3/P*0638*00 | NRS.764Hi | H765i | 1122 | G2 |
| e13*2016/1628*2022/992SVA3/P*0739*00 | NRS.803Vi | V805i-3 | 1016 | G2 |
| e13*2016/1628*2016/1628SVA3/P*0262*00<br>e13*2016/1628*2016/1628SVA3/P*0262*01 | NRS.999H | LC2V90FD, 2V90FD | 868.05 | G2 |
| e13*2016/1628*2022/992SVA3/P*0639*00 | NRS.999Hi | H1000i | 1592 | G2 |
| e13*2016/1628*2016/1628SRA1/P*0206*00<br>e13*2016/1628*2016/1628SRA1/P*0206*01<br>e13*2016/1628*2020/1040SRA1/P*0206*02 | NRSEK1 | K655, K655Li, K605, K400, K450, K455, K475 | 922.38 | G2 |
| e13*2016/1628*2016/1628EV1/D*0419*00<br>e13*2016/1628*2016/1628EV1/D*0419*01 | NRSEK1D | K9500HD, K9500HDR, K9000HD, K9000HDR, K7000HD, K7000HDR | 1077.75 | G2 |
| e13*2016/1628*2016/1628SRA1/P*0230*00<br>e13*2016/1628*2016/1628SRA1/P*0230*01 | NRSEK1H | 170F-2, K800H, K800HC, K800HT | 811.46 | G2 |
| e13*2016/1628*2016/1628SYB1/P*0229*00<br>e13*2016/1628*2016/1628SYB1/P*0229*01 | NRSEK1V | K1600ADV, K1250 | 773.41 | G1 |
| e13*2016/1628*2016/1628SRA2/P*0228*00<br>e13*2016/1628*2016/1628SRA2/P*0228*01 | NRSEK2 | 1P75F, K805 | 891.86 | G2 |
| e13*2016/1628*2016/1628SRB1/P*0255*00<br>e13*2016/1628*2016/1628SRB1/P*0255*01 | NRSEK2V | K900H, K900HR | 791.7 | G2 |
| e13*2016/1628*2016/1628SHB3/P*0340*00 | NRSEK3 | K300, K300H | 780.36 | G3 |
| e13*2016/1628*2016/1628SRB1/P*0257*00<br>e13*2016/1628*2016/1628SRB1/P*0257*01 | NRSEK3V | G420F, K1100H | 728.44 | G2 |
| e13*2016/1628*2016/1628SHB2/P*0412*00<br>e13*2016/1628*2016/1628SHB2/P*0412*01 | NRSh.79H | 152F-1, LC152F-1 | 717.66 | G3 |
| e13*2016/1628*2016/1628SHB3/P*0218*00<br>e13*2016/1628*2016/1628SHB3/P*0218*01 | NRSH.80H | LC148F-2, 148F-2, LC148FD-2, 148FD-2 | 780.36 | G3 |
| e13*2016/1628*2016/1628SHB3/P*0199*00<br>e13*2016/1628*2016/1628SHB3/P*0199*01<br>e13*2016/1628*2022/992SHB3/P*0199*02 | NRSh.80I | 148F, LC148F, H80G | 843.65 | G3 |
| e13*2016/1628*2022/992TRA1/P*0628*00 | STE212 | STE212, STE182 | 844.85 | G2 |
| e13*2016/1628*2022/992TRB1/P*0629*00 | STE252 | G250FDS-2, STE252 | 891.24 | G2 |
| e13*2016/1628*2022/992TRB1/P*0630*00 | STE302 | STE302 | 908.77 | G2 |
| e13*2016/1628*2022/992TRB1/P*0631*00 | STE375 | 190FDS-1, STE375 | 921.45 | G2 |
| e13*2016/1628*2022/992SRA1/P*0632*00 | SWE182 | SWE212, SWE182 | 811.46 | G2 |
| e13*2016/1628*2017/656SYB1/P*0053*00<br>e13*2016/1628*2017/656SYB1/P*0053*01<br>e13*2016/1628*2016/1628SYB1/P*0053*02<br>e13*2016/1628*2022/992SYB1/P*0053*03 | TRE0801 | TRE0801, TRE0701, TRE0702, TRE452, TRE452A, TRE452B | 773.41 | G1 |
| e13*2016/1628*2017/656SRA2/P*0054*00<br>e13*2016/1628*2017/656SRA2/P*0054*01<br>e13*2016/1628*2016/1628SRA2/P*0054*02 | TRE224 | TRE224 | 891.86 | G2 |

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|---|---|---|---|---|
| e13*2016/1628*2017/656SYB1/P*0055*00<br>e13*2016/1628*2017/656SYB1/P*0055*01<br>e13*2016/1628*2016/1628SYB1/P*0055*02 | TRE352 | TRE352 | 740.96 | G1 |
| e13*2016/1628*2016/1628SYB1/P*0393*00 | TRE635V | TRE635V, TRE586V, TRE586VA | 850 | G1 |
| e13*2016/1628*2022/992SYB2/P*0719*00 | TRE708V | 2P82F, TRE708V | 805.99 | G1 |
| e13*2016/1628*2021/1068SYA1/P*0585*00 | WBE140LS | WBE140LS, WBE120LS | 1030 | G1 |
| e13*2016/1628*2017/656SRA1/P*0052*00<br>e13*2016/1628*2017/656SRA1/P*0052*01<br>e13*2016/1628*2017/656SRA1/P*0052*02<br>e13*2016/1628*2016/1628SRA1/P*0052*03 | WBE160 | WBE160, WBE170, WBE170LS, WBE140, WBE120, WBE120TI | 922.38 | G2 |
| e13*2016/1628*2020/1040SRA1/P*0583*00 | WBE200 | WBE200, WBE200LS | 965 | G2 |