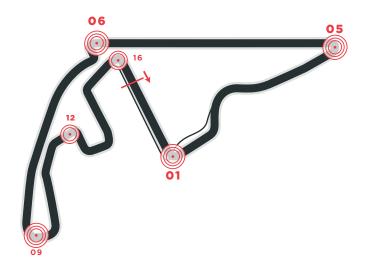


**2022** FORMULA 1 **ETIHAD AIRWAYS ABU DHABI GRAND PRIX** 





## 18-20 NOV 2022



## **BRAKE CIRCUIT IDENTITY CARD**

For the ninth time running, the Formula 1 world championship has come to a close in the Arab Emirates. Last year the Yas Marina Circuit was given a new layout, with 5 corners less than the previous version and that, together with the shorter track, led to 12 second faster lap times in the qualifying round.

Should you publish any of the data contained here please quote Brembo as source used.

**BRAKES EFFORT HARD** 

TIME SPENT BRAKING 13%

TURN 06\*, TURN 05\* AND TURN 01\* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

## CIRCUIT LENGTH 5.281 M



## NUMBER OF LAPS 🕂 58



NUMBER OF BRAKE ZONES/LAP 🗽 06





| Initial speed        | 282  | (Km/h) |
|----------------------|------|--------|
| Final speed          | 182  | (Km/h) |
| Stopping distance    | 64   | (m)    |
| Braking time         | 1.06 | (sec)  |
| Maximum deceleration | 5.1  | (g)    |
| Maximum pedal load   | 160  | (Kg)   |
| Braking power        | 2611 | (Kw)   |



| Initial speed        | 293  | (Km/h) |
|----------------------|------|--------|
| Final speed          | 113  | (Km/h) |
| Stopping distance    | 92   | (m)    |
| Braking time         | 1.85 | (sec)  |
| Maximum deceleration | 5.3  | (g)    |
| Maximum pedal load   | 168  | (Kg)   |
| Braking power        | 2898 | (Kw)   |
|                      |      |        |

| 06 |  |
|----|--|
|    |  |

| Initial speed        | 322  | (Km/h) |
|----------------------|------|--------|
| Final speed          | 74   | (Km/h) |
| Stopping distance    | 120  | (m)    |
| Braking time         | 2.63 | (sec)  |
| Maximum deceleration | 5.4  | (g)    |
| Maximum pedal load   | 168  | (Kg)   |
| Braking power        | 3197 | (Kw)   |



| Initial speed        | 324  | (Km/h) |
|----------------------|------|--------|
| Final speed          | 178  | (Km/h) |
| Stopping distance    | 99   | (m)    |
| Braking time         | 1.58 | (sec)  |
| Maximum deceleration | 4.9  | (g)    |
| Maximum pedal load   | 147  | (Kg)   |
| Braking power        | 2665 | (Kw)   |
|                      |      |        |



| 2<br>2 | Initial speed        | 279  | (Km/h) |
|--------|----------------------|------|--------|
|        | Final speed          | 106  | (Km/h) |
|        | Stopping distance    | 93   | (m)    |
|        | Braking time         | 1.99 | (sec)  |
|        | Maximum deceleration | 4.5  | (g)    |
|        | Maximum pedal load   | 138  | (Kg)   |
|        | Braking power        | 2119 | (Kw)   |
|        |                      |      |        |

|    | Initial speed        | 261  | (Km/h) |
|----|----------------------|------|--------|
| TU | Final speed          | 130  | (Km/h) |
| DN | Stopping distance    | 79   | (m)    |
| 16 | Braking time         | 1.58 | (sec   |
|    | Maximum deceleration | 4.6  | (g)    |
|    | Maximum pedal load   | 146  | (Kg)   |
|    | Braking power        | 2170 | (Kw)   |
|    |                      |      |        |