

# 2020 FORMULA 1 HEINEKEN GRANDE PRÉMIO DE PORTUGAL

**brembo**   
23-25 OCT 2020

## BRAKE CIRCUIT IDENTITY CARDS

### BRAKES EFFORT

 **MEDIUM**

### TIME SPENT BRAKING

 **17%**

### CIRCUIT LENGTH

 **4,653 M**

### NUMBER OF LAPS

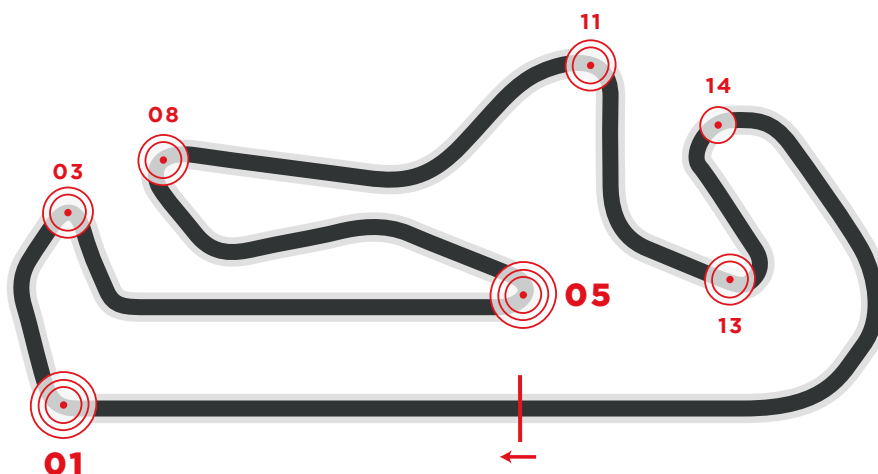
 **66**

### NUMBER OF BRAKE ZONES/LAP

 **07**

### IMPORTANT

**TURN 05\***, **TURN 01\*** and **TURN 03\*** are considered the most demanding for the braking system.



The Algarve Circuit is characterized by two braking sections classified as demanding on the brakes, four of medium difficulty and one light and all with deceleration between 2.9 and 5.1 g. The frequent differences in level on the circuit can be another critical part of the track since it causes the loss of grip, but they do not have a severe influence on the braking system.

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

<b>TURN 01</b>	Initial speed	<b>343</b>	(Km/h)
	Final speed	<b>205</b>	(Km/h)
	Stopping distance	<b>91</b>	(m)
	Braking time	<b>1.22</b>	(sec)
	Maximum deceleration	<b>4.7</b>	(g)
	Maximum pedal load	<b>117</b>	(Kg)
	Braking power	<b>1908</b>	(Kw)

<b>TURN 03</b>	Initial speed	<b>277</b>	(Km/h)
	Final speed	<b>89</b>	(Km/h)
	Stopping distance	<b>108</b>	(m)
	Braking time	<b>2.47</b>	(sec)
	Maximum deceleration	<b>4.1</b>	(g)
	Maximum pedal load	<b>110</b>	(Kg)
	Braking power	<b>1575</b>	(Kw)

<b>TURN 05</b>	Initial speed	<b>318</b>	(Km/h)
	Final speed	<b>84</b>	(Km/h)
	Stopping distance	<b>122</b>	(m)
	Braking time	<b>2.72</b>	(sec)
	Maximum deceleration	<b>5.1</b>	(g)
	Maximum pedal load	<b>135</b>	(Kg)
	Braking power	<b>2468</b>	(Kw)

<b>TURN 08</b>	Initial speed	<b>273</b>	(Km/h)
	Final speed	<b>116</b>	(Km/h)
	Stopping distance	<b>100</b>	(m)
	Braking time	<b>1.95</b>	(sec)
	Maximum deceleration	<b>3.6</b>	(g)
	Maximum pedal load	<b>102</b>	(Kg)
	Braking power	<b>1299</b>	(Kw)

<b>TURN 11</b>	Initial speed	<b>295</b>	(Km/h)
	Final speed	<b>143</b>	(Km/h)
	Stopping distance	<b>99</b>	(m)
	Braking time	<b>1.71</b>	(sec)
	Maximum deceleration	<b>4.0</b>	(g)
	Maximum pedal load	<b>114</b>	(Kg)
	Braking power	<b>1525</b>	(Kw)

<b>TURN 13</b>	Initial speed	<b>267</b>	(Km/h)
	Final speed	<b>97</b>	(Km/h)
	Stopping distance	<b>103</b>	(m)
	Braking time	<b>2.13</b>	(sec)
	Maximum deceleration	<b>3.8</b>	(g)
	Maximum pedal load	<b>104</b>	(Kg)
	Braking power	<b>1367</b>	(Kw)

<b>TURN 14</b>	Initial speed	<b>225</b>	(Km/h)
	Final speed	<b>125</b>	(Km/h)
	Stopping distance	<b>83</b>	(m)
	Braking time	<b>1.62</b>	(sec)
	Maximum deceleration	<b>2.9</b>	(g)
	Maximum pedal load	<b>83</b>	(Kg)
	Braking power	<b>685</b>	(Kw)