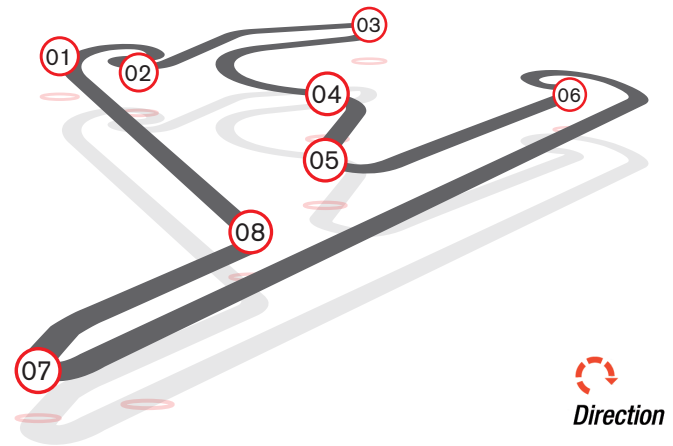


**Circuit Data**

- Length: **5.451 m**
- Number of laps: **56**
- Type of circuit: **Medium**
- Number of brakings: **8**
- Pole 2009: **S. Vettel - Red Bull - 1'36"184**
- Time spent under braking per lap: **14%**
- Expected time spent under brake on 2010: **13%**


**International Circuit**

The Shanghai circuit is one of the most amazing and spectacular of the Championship. Thanks to its fast turns, its straights and its violent sharp brakings, this circuit allows single-seaters to reach high speed, above 320 km/h, and it offers lots of overtake opportunities. This circuit is high demand for braking systems.

01	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>305</b>	<b>302</b>	[Km/h]
Final speed	<b>194</b>	<b>205</b>	[Km/h]
Stopping distance	<b>68</b>	<b>60</b>	[m]
Braking time	<b>1,04</b>	<b>0,87</b>	[sec]
Maximum deceleration	<b>5,37</b>	<b>4,66</b>	[g]
Maximum pedal load	<b>141</b>	<b>132</b>	[Kg]
Braking power	-	<b>1.938</b>	[Kw]

02	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>138</b>	<b>139</b>	[Km/h]
Final speed	<b>93</b>	<b>96</b>	[Km/h]
Stopping distance	<b>35</b>	<b>31</b>	[m]
Braking time	<b>1,13</b>	<b>0,98</b>	[sec]
Maximum deceleration	<b>1,94</b>	<b>1,89</b>	[g]
Maximum pedal load	<b>47</b>	<b>47</b>	[Kg]
Braking power	-	<b>308</b>	[Kw]

03	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>287</b>	<b>283</b>	[Km/h]
Final speed	<b>82</b>	<b>83</b>	[Km/h]
Stopping distance	<b>115</b>	<b>117</b>	[m]
Braking time	<b>2,66</b>	<b>2,62</b>	[sec]
Maximum deceleration	<b>4,85</b>	<b>4,21</b>	[g]
Maximum pedal load	<b>130</b>	<b>123</b>	[Kg]
Braking power	-	<b>1.643</b>	[Kw]

04	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>274</b>	<b>272</b>	[Km/h]
Final speed	<b>202</b>	<b>212</b>	[Km/h]
Stopping distance	<b>46</b>	<b>36</b>	[m]
Braking time	<b>0,72</b>	<b>0,54</b>	[sec]
Maximum deceleration	<b>4,50</b>	<b>3,99</b>	[g]
Maximum pedal load	<b>120</b>	<b>114</b>	[Kg]
Braking power	-	<b>1.478</b>	[Kw]

05	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>195</b>	<b>199</b>	[Km/h]
Final speed	<b>135</b>	<b>138</b>	[Km/h]
Stopping distance	<b>39</b>	<b>38</b>	[m]
Braking time	<b>0,89</b>	<b>0,83</b>	[sec]
Maximum deceleration	<b>2,78</b>	<b>2,66</b>	[g]
Maximum pedal load	<b>72</b>	<b>72</b>	[Kg]
Braking power	-	<b>689</b>	[Kw]

06	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>281</b>	<b>278</b>	[Km/h]
Final speed	<b>91</b>	<b>93</b>	[Km/h]
Stopping distance	<b>107</b>	<b>109</b>	[m]
Braking time	<b>2,40</b>	<b>2,37</b>	[sec]
Maximum deceleration	<b>4,69</b>	<b>4,12</b>	[g]
Maximum pedal load	<b>125</b>	<b>120</b>	[Kg]
Braking power	-	<b>1.580</b>	[Kw]

07	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>316</b>	<b>313</b>	[Km/h]
Final speed	<b>79</b>	<b>73</b>	[Km/h]
Stopping distance	<b>125</b>	<b>140</b>	[m]
Braking time	<b>2,72</b>	<b>3,07</b>	[sec]
Maximum deceleration	<b>5,50</b>	<b>4,92</b>	[g]
Maximum pedal load	<b>153</b>	<b>143</b>	[Kg]
Braking power	-	<b>2.121</b>	[Kw]

08	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	<b>252</b>	<b>249</b>	[Km/h]
Final speed	<b>172</b>	<b>177</b>	[Km/h]
Stopping distance	<b>50</b>	<b>43</b>	[m]
Braking time	<b>0,89</b>	<b>0,75</b>	[sec]
Maximum deceleration	<b>3,95</b>	<b>3,52</b>	[g]
Maximum pedal load	<b>105</b>	<b>101</b>	[Kg]
Braking power	-	<b>1.193</b>	[Kw]