

**PIRELLI**

NEW RANGE **DIABLO™** **DIABLO**  
SUPERBIKE RAIN  
FOR OHVALE MINI GP



# OHVALE OVERVIEW



Ohvale designs and manufactures small motorbikes with accessible, easy and playful ergonomics for a true racing bike experience



Ohvale GP-0 and GP-2 models fit inside most car boots, reducing costs and complexity of racetrack logistics

You can race on both standard-sized tracks and go kart tracks



Thanks to the quality of the chassis, ergonomics and ease of riding, Ohvale Mini GP motorbikes are suitable both for the younger or less experienced riders and for experienced riders in search of racing adrenaline



Ohvale Mini GP models take part in championships all around the world

Ohvale is the partner for MiniGP World Series<sup>1</sup>, part of the Road to MotoGP<sup>2</sup>

<sup>1</sup>See following slide

<sup>2</sup> The winner of the FIM MiniGP World Series Final will secure a spot in one of the Road to MotoGP programs organized by Dorna (e.g. FIM CEV Repsol, Red Bull MotoGP Rookies Cup, Idemitsu Asia Talent Cup, Northern Talent Cup, Honda British Talent Cup)





# OHVALE CHAMPIONSHIPS

## MINIGP WORLD SERIES

- National initiative in 12 countries, and the list continues to grow (25 countries expected for 2022)
- 10-14 years old riders, competing on equal Ohvale GP-0 160
- Pirelli will be the exclusive Tyre supplier from 2022

### SERIES' LOGOS



### WORLD FINAL BIKE DESIGNS

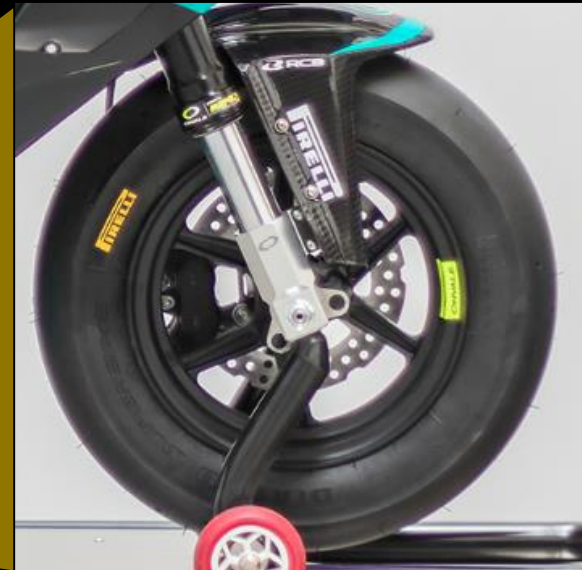


*In Addition to the MiniGP World Series, Ohvale motorbikes take part in many other Ohvale National series all over the world*

# PIRELLI INITIATIVES FOR OHVALE

## OHVALE GP-0 160 - SPECIAL PETRONAS SRT EDITION

- This limited edition of 46 units features several high spec features, including original 10" equipment Diablo™ Superbike tyres
- With the same bike design of Valentino Rossi's and Franco Morbidelli's Yamaha M1, it is designed to delight and made to race!



# OHVALE PRODUCT RANGE



10"



**GP-0 110**  
8 CV (automatic)  
11 CV (4 speed)



**GP-0 160**  
15 CV  
(4 speed)



**GP-0 190 POWERED BY DAYTONA**  
22 CV  
(4 speed)



**DIABLO™ SUPERBIKE**  
**DIABLO™ RAIN**

100/80 - 10 NHS TL front  
120/80 - 10 NHS TL rear

12"



**GP-2 190 POWERED BY DAYTONA**  
22 CV  
(4 speed)



**DIABLO™ SUPERBIKE**  
**DIABLO™ RAIN**

100/90 - 12 NHS TL front  
120/80 - 12 NHS TL rear

# NEW PIRELLI OFFER



DIABLO ROSSO™ SCOOTER SC 12" is currently used by Ohvale for the GP-2

In 2022, Pirelli will range a complete NHS offer (Slick & Rain) for Ohvale 10" and 12"

Pirelli is the official single & sole tyre supplier for the FIM MiniGP World Series Final and, from 2022 onwards, also for national/regional/continental series



The Pirelli logo, consisting of the word 'PIRELLI' in red capital letters on a yellow rectangular background.

- PREMIUM PRODUCTS
- COMPETITIVE PRICE
- EASY TO USE PRODUCTS FOR RIDING AND LEARNING
- PIRELLI GOAL IS TO GROW TALENT AND CHAMPIONS





# NEW PIRELLI OFFER



## KEY HIGHLIGHTS

- All specifications feature X-Ply structures with racing compounds and contours
- In 2022, all the sizes will be available with “one fits all” compounds (Slick SC1; Rain SCR1)

## PRODUCT RANGE

100/80 - 10 NHS TL FRONT

120/80 - 10 NHS TL REAR

100/90 - 12 NHS TL FRONT

120/80 - 12 NHS TL REAR\*

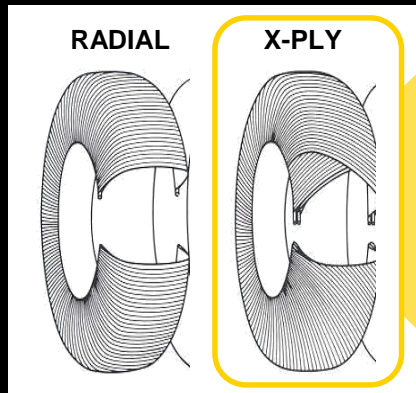


\*12" Slick will be available from Jan-22



# STRUCTURE

The X-Ply structure is currently the best technical option for Ohvale Mini GP



## KEY BENEFITS



**GREATER LATERAL THRUST** EXITING THE CORNER THANKS TO HIGH CARCASS STABILITY



**ADAPTABILITY** TO VERY DIFFERENT RIDERS' WEIGHT AND HEIGHT



**CHEAPER TYRE PRODUCTION**, MORE AFFORDABLE SELLING PRICE



**HIGHER DURABILITY** THANKS TO THE COMBINATION OF X-PLY STRUCTURE AND DEDICATED COMPOUNDS



**BEST PERFORMANCE** IN THE TYPICAL MINI GP SPEED RANGE  
(TOP SPEED IS LIMITED BY MOTORCYCLE SPECIFICATION AND RACETRACK CHARACTERISTICS)



# COMPOUNDS



SC1 and SCR1 are the “One-fits-all” compounds

## PIRELLI EXPERTISE ALLOWS:



**PERFORMANCE** FOR PROFESSIONAL RACING AND FOR HIGH-PACE TRAINING



**DURABILITY AND RE-USABILITY** OVER SEVERAL SESSIONS/RACES



**VERSATILITY** TO A WIDE TEMPERATURE RANGE AND TO ALL ASPHALT GRADES



### **SIMPLIFICATION**

- ONLY ONE SPECIFICATION ON THE RACETRACK
- LET THE RIDERS FOCUS ON COMPETITION, NOT ON COMPOUND CHOICE
- LET THE TALENT EMERGE

# COMPOUND CHOICE FOR 2022



PIRELLI STRATEGY: THE HIGHER THE RACING CLASS, THE MORE COMPOUND OPTIONS TO CHOSE FROM

OHVALE GP-0



100/80 - 10 / 120/80 - 10

OHVALE GP-2



100/90 - 12 / 120/80 - 12

SSP 300



110/70 R 17 / 140/70 R 17

SSP 600 and above



120/70 R 17 / 190/60 R 17  
125/70 R 17 / 200/65 R 17

+ PERFORMANCE

SC1

SC1

SC1

SC2

SCX

SC0

SC1

SC2

SC3

+ ENDURANCE



# PROFILES

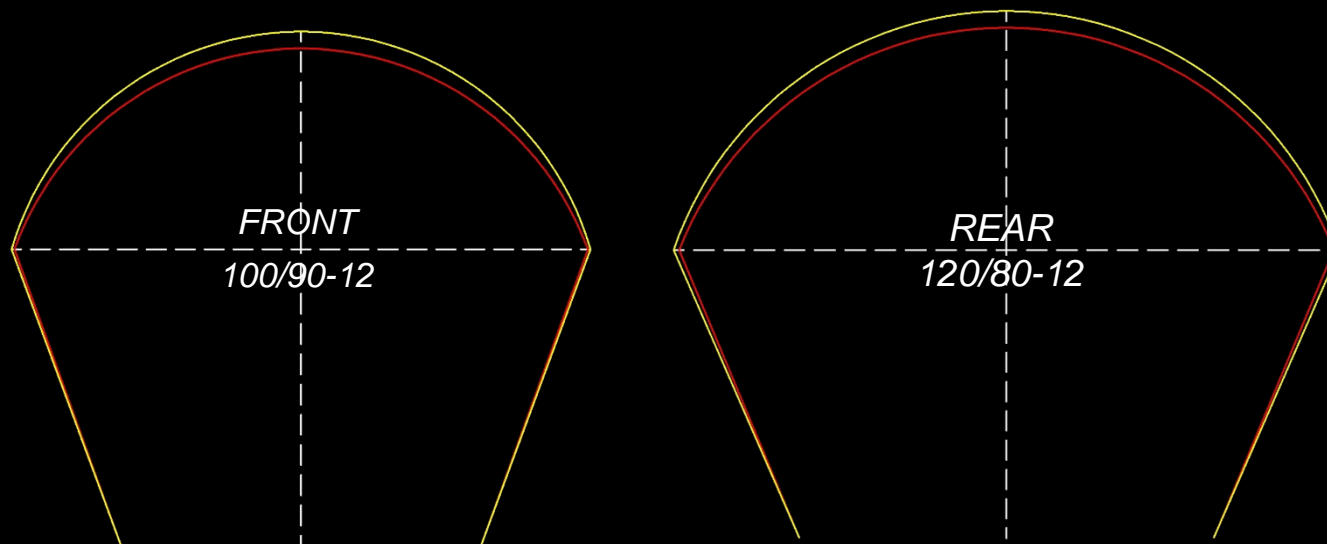


OPTIMIZED PROFILES FOR BEST PERFORMANCE  
ON MINI GP RACING CONDITIONS

INCREASED PROFILE HEIGHT AND  
SHARPER CONTOURS FOR LARGER FOOTPRINT  
AT HIGH LEAN ANGLES



## PROFILE COMPARISON:



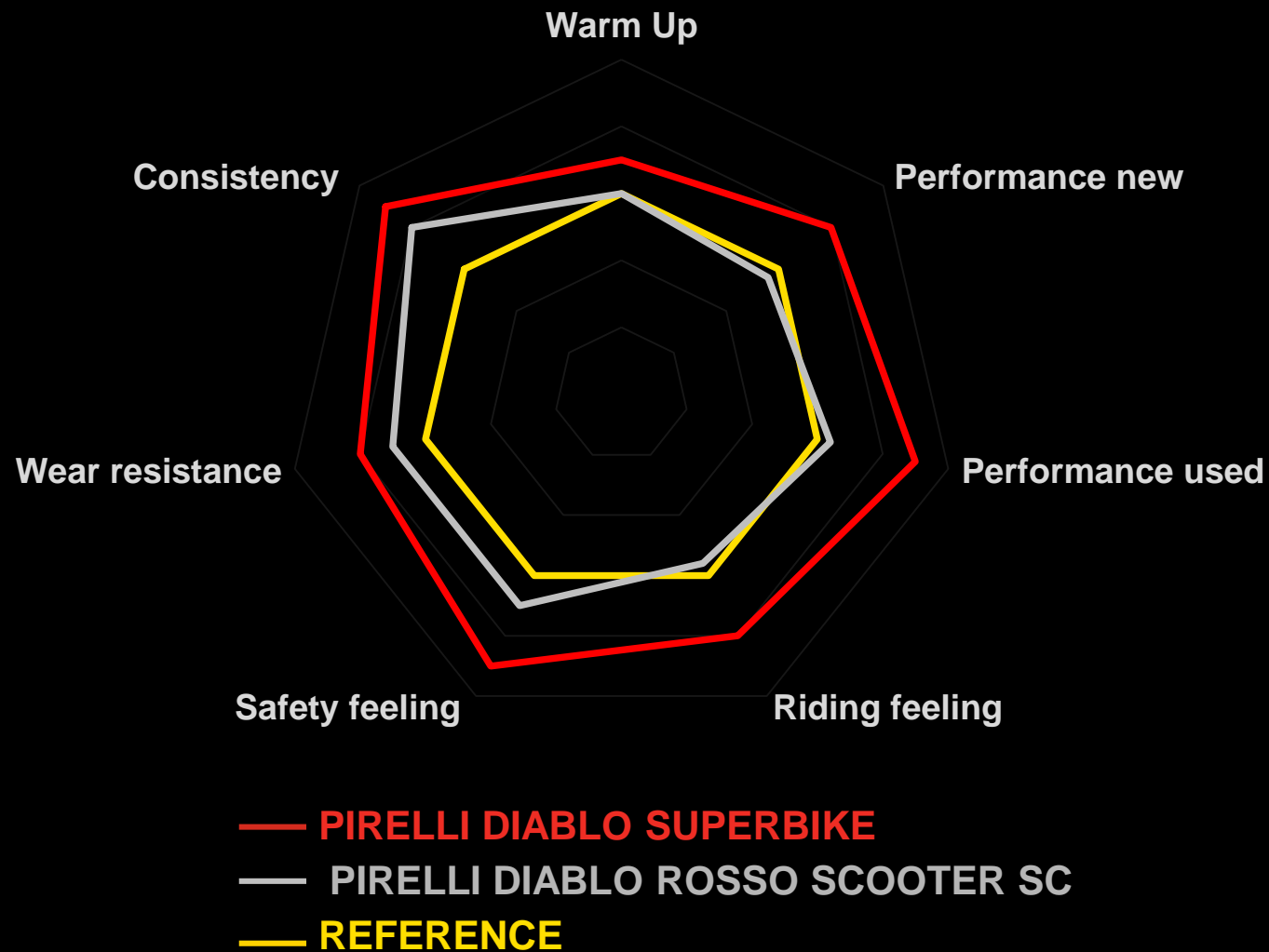
— DIABLO SUPERBIKE  
— DIABLO ROSSO SCOOTER SC

# PERFORMANCE

**DIABLO™**  
SUPERBIKE

MAXIMUM RIDING ENJOYMENT IN DRY  
CONDITIONS

RESISTANCE TO SEVERAL THERMAL CYCLES  
OVER SEVERAL SESSIONS





# TECHNICAL DATA



F/R	SIZE	RECOMMENDED	WEIGHT		RECOMMENDED		RECOMMENDED		TYRE WARMERS
		RIM SIZE			COLD PRESSURE		HOT PRESSURE RANGE		
		[IN]	[KG]	[LBS]	[BAR]	[PSI]	[BAR]	[PSI]	GUIDELINES**
FRONT	100/80 – 10	2.50	3.0	6.6	1.3/1.4	18.9/20.3	1.5/1.6	21.8/23.2	OPTIONAL
	100/90 – 12*		3.2	7.1					
	100/70 R 17	2.50	3.2	7.1	1.7/1.9	25/28	1.8/2.0	26/29	50 MIN @ 80°C (176°F)
	110/70 R 17	3.00	3.8	8.4	2.0/2.2	29/32	2.0/2.3	29/34	
	120/70 R 17	3.50	4.3	9.5	2.1/2.2	30/32	2.2/2.5	32/36	
	125/70 R 17								
REAR	120/80 – 10	3.00	3.2	7.1	1.1/1.2	16.0/17.4	1.4/1.5	20.3/21.8	OPTIONAL
	120/80 – 12*		3.7	8.2					
	120/70 R 17	3.50	4.3	9.5	1.6/1.8	23/26	1.7/1.9	25/28	50 MIN @ 80°C (176°F)
	140/70 R 17	3.50 - 4.00	5	11.0	1.7/1.9	25/28	1.8/2.0	26/29	
	160/60 R 17	4.50 - 5.00	5.6	12.4	1.6/1.8	23/26	1.7/1.9	25/28	
	180/60 R 17	5.50 - 6.00	6.5	14.3					
	190/60 R 17	5.50	6.6	14.6					
	200/60 R 17	6.00	6.7	14.7					
	200/65 R 17		6.8	14.9					

\* DATA TO BE CONFIRMED AFTER THE END OF THE DEVELOPMENT

\*\* TYRE WARMERS ARE OPTIONAL WITH SC3 COMPOUND



# TECHNICAL FEATURES

**DIABLO**  
RAIN

TREAD PATTERN DESIGN DERIVED FROM  
17" RANGE AND ADAPTED FOR BEST  
MINI GP PERFORMANCE

10" WITH THE SAME PROFILES OF  
DIABLO™ SUPERBIKE

12" WITH THE SAME PROFILES OF  
DIABLO™ ROSSO™ SCOOTER SC



*DIABLO™ RAIN 10" and 12" sizes derive from  
Pirelli Experience in the World Superbike Championship*

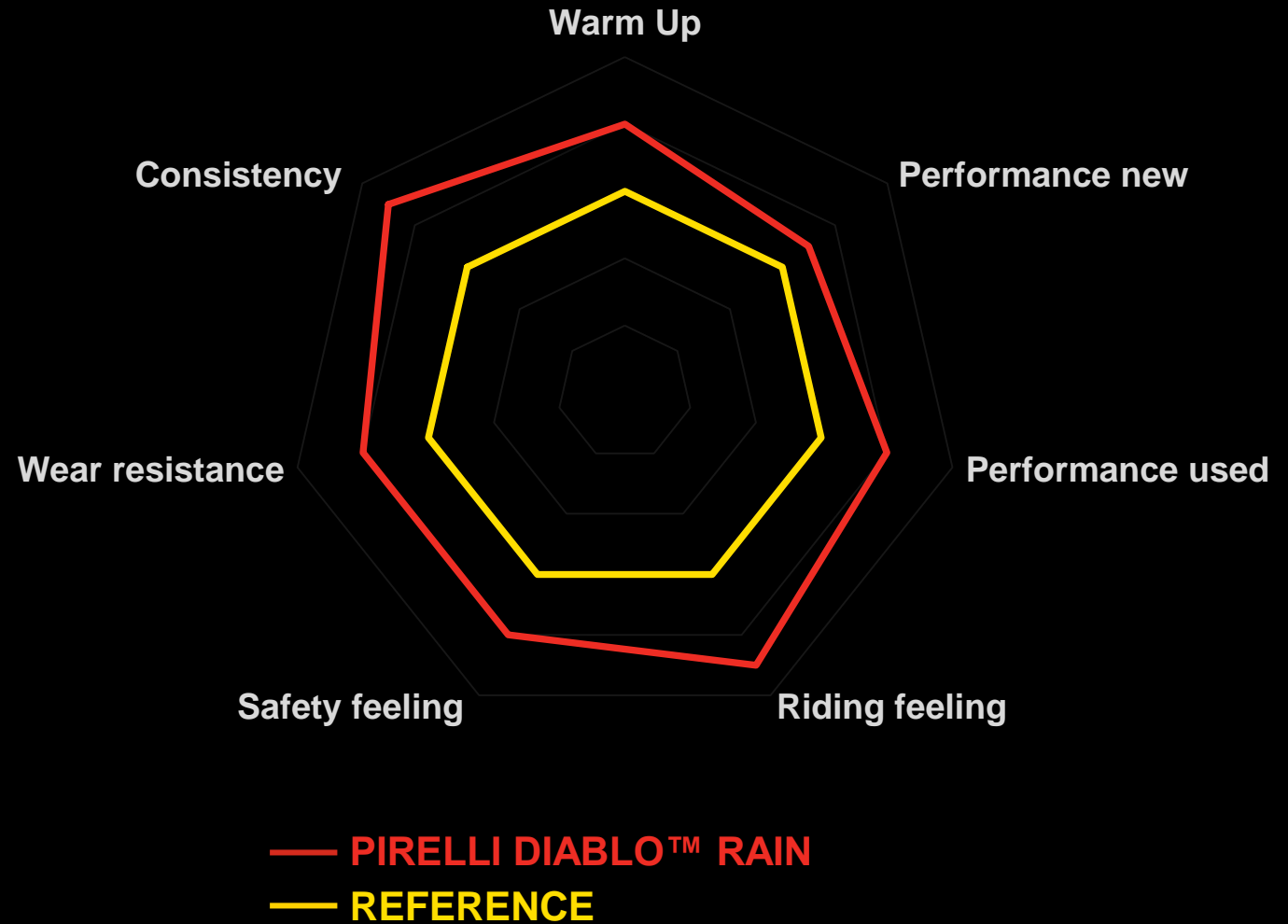


# PERFORMANCE

**DIABLO**  
RAIN

HIGH SILICA CONTENT COMPOUND  
FOR OUTSTANDING CHEMICAL GRIP  
AND HIGH TRACTION ON WET

EXCELLENT BALANCE BETWEEN  
TRACTION AND DRAINAGE ON WET



# TECHNICAL DATA



F/R	SIZE	RECOMMENDED RIM SIZE	WEIGHT		RECOMMENDED COLD PRESSURE RANGE		RECOMMENDED HOT PRESSURE RANGE (AFTER TYRE WARMERS)		TYRE WARMERS GUIDELINES
		[in]	[kg]	[lbs]	[bar]	[psi]	[bar]	[psi]	
FRONT	100/80 - 10	2.50	3.0	6.6	1.5/1.6	21.8/23.2	1.6/1.7	23.2/24.7	OPTIONAL
	100/90 - 12		3.4	7.5					
	100/70 R 17	2.50	3.3	7.3	1.8	26	1.9	28	30 MIN @ 50°C (122°F)
	110/70 R 17	3.00	3.9	8.6	2.1	30	2.2	32	
	120/70 R 17	3.50	4.3	9.5	2.3	34	2.4	35	
REAR	120/80 - 10	3.00	3.2	7.1	1.4/1.5	20.3/21.8	1.5/1.6	21.8/23.2	OPTIONAL
	120/80 - 12		3.9	8.6					
	125/70 R 17	3.50	4.9	9.3	1.8	26	1.9	28	30 MIN @ 50°C (122°F)
	140/70 R 17	3.50 - 4.00	5.1	11.2	1.9	28	2.0	29	
	160/60 R 17	4.50 - 5.00	6.2	13.7					
	190/60 R 17	5.50	7.1	15.6					
	200/60 R 17	5.50 - 6.00	6.8	14.9					

