

BENGAL Warranty Service Center And Distributor Information

Brazil Distributor

J.T.COM IMP E EXP LTD A
TEL/FAX:+55-11-5678-2694
Website: www.joytech.com.br

China General Distributor (China Warranty Service Center)

LEADING COMPONENTS (S.Z.) CO., LTD.
(A plant) 5F, No.14 ZhengxingRoad,
Liyu IndustrialDistrict,LouVillage,
Gongming Town,Shenzhen,518106
TEL: 0755-23194955/6 FAX:0755-23194953
Contact: robert6402@kimo.com

Malaysia Distributor **Evanda Sdn Bhd (812810-X)**

Lot 153 (No 1) , Jalan TIAJ 2/1 ,Taman Industri
Alam Jaya ,42300 Bandar Puncak Alam ,
Selangor , Malaysia
TEL:+6 03 60388929 / 6038 8928
Contact: evanda_rmb@yahoo.com

Singapore Distributor (Singapore Warranty Service Center)

D-CYCLEWERKZ
2 YISHUN INDUSTRIAL STREET 1, #01-15 NORTHPOINT
BIZHUB SINGAPORE 78159
TEL:+65 67523457
Contact: dcyclewerkz@gmail.com

The latest distributor information will be updated , please refer to our website

Bengal Performance Brake Systems
sales@bengalperformance.com.tw
www.bengalperformance.com.tw

Spain & Andorra Distributor

RACING CYCLE
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal
Tel:+351 244 027 587 / +351 244 043 616
Contact: info@racingcycle.net

Switzerland Distributor

(European Warranty Service Center)
3LMNT Distribution Inc. Corp.
Römerstrasse 15a, CH-2555 Brügg , Switzerland
TEL: +41-78-666-42-17 FAX:+41-78-666-42-17
Contact: info@3lmnt.com

Taiwan Distributor

HARVEST YEAR TECHNOLOGY COMPANY
No.70-3, Zhanglu rd., Xiushui Township,
Changhua County 504, Taiwan
TEL: +886-4-7691929 FAX: +886-4-7691858
Contact: hy.bike88@msa.hinet.net

USA & Canada Warranty Service Center

KHS, Inc
2840 Harcourt St.Rancho Dominguez, Ca. 90221 USA
TEL: 1-800-347-7854*212
Contact: rogerj@khsbicycles.com

Portugal Distributor

RACING CYCLE
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal
Tel:+351 244 027 587 / +351 244 043 616
Contact: info@racingcycle.net



2020



Hydraulic Disc Brake

Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Master cylinder with reach adjustment
"EZ-adjust" hose connector, adjustable up to 180 degrees
Window for driver easily inspect if pads have worn, clean and mud out
2-Piece bracket for easy assembly
Perfect for XC, TRAIL, AM, FR, DH

ARES 5

Weight

Master cylinder : 90g

Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C/ OD-203C

Lever

1.5 finger blade

Finish

Black

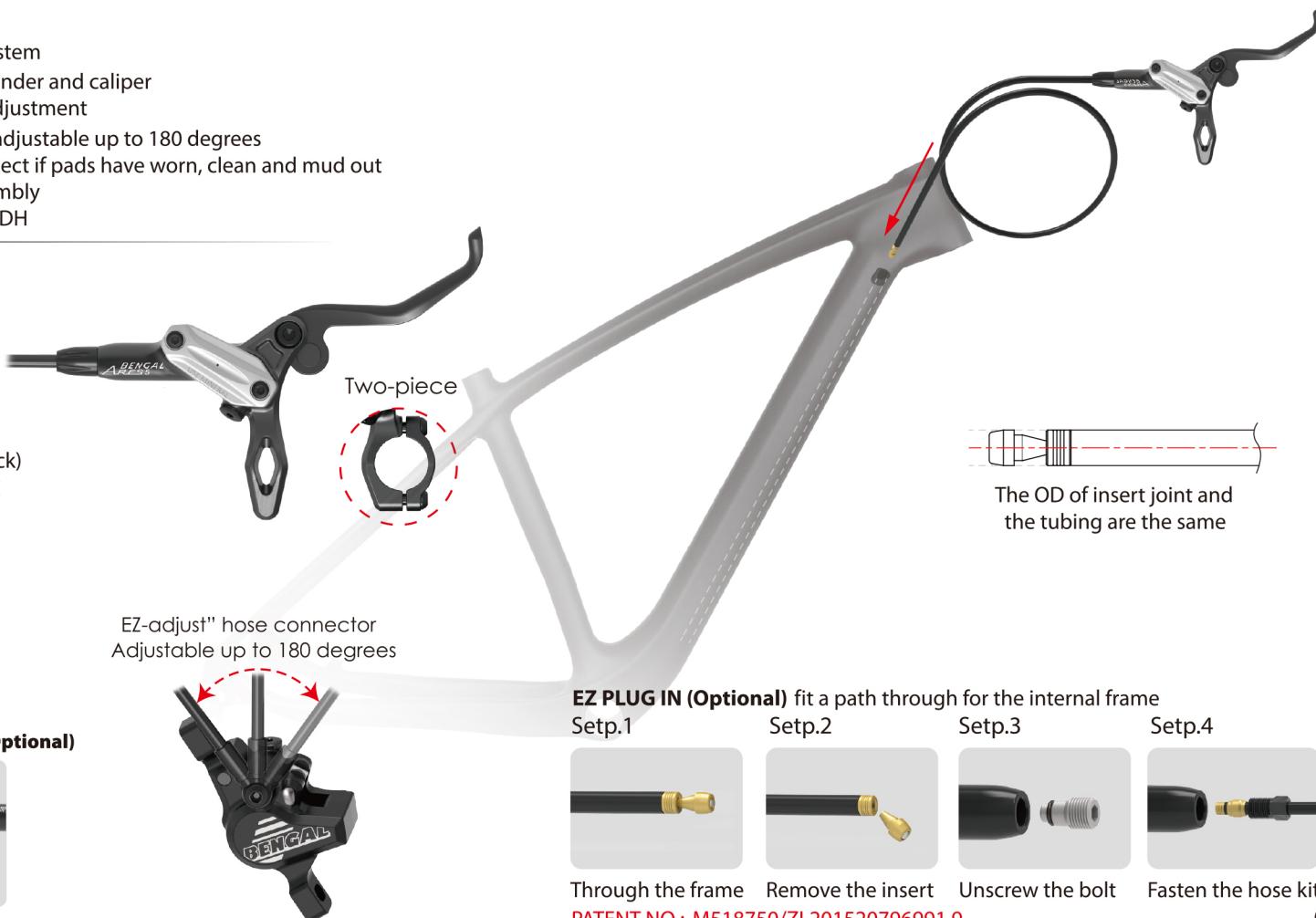
Fluid

Mineral

Pad

Semi-metallic compound

Tool free reach adjustment(Optional)



PATENT NO : M518750/ZL201520796991.9



Technical features

Open hydraulic disc brake system
 Aluminum forged master cylinder and caliper
 Master cylinder with reach adjustment
 Patented "EZ-out" brake pad replacement
 Window for driver easily inspect if pads have worn, clean and mud out
 Perfect for XC, TRAIL, AM

ARES 3

Weight

Master cylinder : 102g
 Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)
 Optional OD-180C/ OD-203C

Lever

2 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

Bell (Optional)



ARES 3E

Signal connection switch Perfect for E-bike
Bell (Optional)



EZ PLUG IN (Optional) fit a path through for the internal frame



Through the frame

Remove the insert

Unscrew the bolt

Fasten the hose kit

PATENT NO : M518750/ZL201520796991.9





Hydraulic Disc Brake

Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Four pistons activation for peak stopping power "PSP"
Master cylinder with reach adjustment
"EZ-adjust" hose connector, adjustable up to 180 degrees
Window for driver easily inspect if pads have worn, clean and mud out
Perfect for XC, TRAIL, AM, FR, DH

ARES 3X

Weight

Master cylinder : 102g

Caliper : 131g

Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C/ OD-203C

Lever

2 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound



EZ-adjust" hose connector
Adjustable up to 180 degrees



Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Four pistons activation for peak stopping power "PSP"
Master cylinder with tool-free reach adjustment
"EZ-adjust" hose connector, adjustable up to 180 degrees
Window for driver easily inspect if pads have worn, clean and mud out
Perfect for XC, TRAIL, AM, FR, DH

ARES 4X

Weight

Master cylinder : 88g

Caliper : 131g

Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C/ OD-203C

Lever

2 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

EZ-adjust" hose connector
Adjustable up to 180 degrees





Technical features

Open hydraulic disc brake system
 Aluminum forged master cylinder and caliper
 Master cylinder with reach adjustment
 Patented "EZ-out" brake pad replacement
 Window for driver easily inspect if pads have worn, clean and mud out
 Lever can be assembled with stop devices(stop pin, or cut-off sensor, or both)
 Perfect for E-BIKE, SPECIAL TYPE

ARES 7+

Weight

Master cylinder : 100g
 Caliper : 120g

Rotor

OD-160C
 Optional OD-180C / OD-203C

Lever

4 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

Signal connection switch (Optional)

Bell (Optional)



Technical features

Open hydraulic disc brake system
 Aluminum forged master cylinder and caliper
 Patented "EZ-out" brake pad replacement
 Window for driver easily inspect if pads have worn, clean and mud out
 One master cylinder with dual caliper
 Lever can be assembled with stop devices(stop pin, or cut-off sensor, or both)
 Perfect for TRICYCLE, PEDICAB, E-BIKE, SPECIAL TYPE

ARES 7.5

Weight

Master cylinder : 100g
 Caliper : 120g

Rotor

OD-160C
 Optional OD-180C / OD-203C

Lever

4 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

Signal connection switch (Optional)

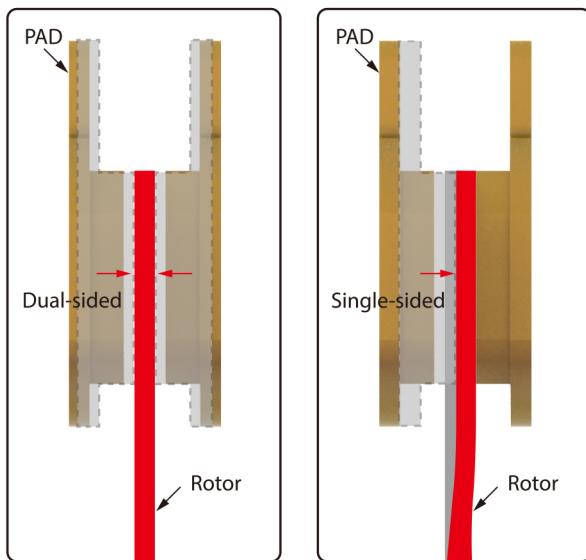
Bell (Optional)



Mechanical Disc Brake Dual-sided

MB300, is a mechanical disc brake designed by veering away from traditional techniques and discovering a new dual-sided patented structured design. The MB300's one piece and competitive lightweight design offer easy setup and adjustment. The unique positioning of the pads between the sides of the rotor provides incredible performance. Furthermore, MB300's breakthrough design finally solves the issue of rotor deformation caused by traditional unilateral action. The dual-sided design gives this brake multiple advantages over its competitors. Plus, MB300 is suitable for any levers on the market and one of the best performing on the world.

PATENT NO : M533615/US 9771125/ZL2016205986261/Nr.20 2016 104 048



Technical features

It gives the brake actuator synchronized with two sides
Easy to assembly and manually adjust the gap of two sides
Window for driver easily inspect if pads have worn, clean and mud out
Compact, light weight, 1-piece aluminum caliper design

MB 300

Perfect for : MTB, URBAN

Finish : Black

Rotor : OD-160C (6-bolt or center lock)

Optional OD-180C / OD-203C

Pad : Semi-metallic compound



170g



152g

MB 300T

Perfect for : Road bike, Gravel Bike, Cyclocross and STI lever bike

Finish : Black

Rotor : OD-140C

Optional OD-160C

Pad : Semi-metallic compound



148g

Fork / R	IS-51		IS-51		PM-74		FM-70		FM-34		FM-70		FM-34	
	Caliper	is mount		post mount		post mount		flat mount		post mount		post mount		
rotor OD	front	rear	front	rear	front	rear	front	rear	front	rear	front	rear	front	rear
5"	140								F1	DM	F5	F7		
	160								F1	F2	F6			
	140	DM(i1)												
	160	DM(i1)	DM(i2)		U2	DM	DM							
6"	160	DM(i2)			U3	U4	PM7	PM7						
	180	DM(i2)			U5	U6	U3M+PM8	U3M+PM8						
	203													
	180						DM	DM						
7"	203						PM8	PM8						

DM=Direct Mount

Mechanical Disc Brake

MB 700

Technical features

Compact, light weight, 1-piece aluminum forged caliper design
Perfect for : MTB, URBAN

Weight : 166g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



Single piston activation for peak stopping power "PSP"
Non-binding groove proline cable routing that keeps the cable in-direct pull
between the anchor bolt and the cable housing
Window for driver easily inspect if pads have worn, clean and mud out

MB 700T

Technical features

Compact, light weight, 1-piece aluminum forged caliper design
Perfect for : Road bike, Touring bike, Cyclocross bike
and STI lever bike

Weight : 166g
Finish : Black
Rotor : OD-140L (6-bolt or center lock)
Optional OD-160L / OD-180L / OD-203L
Pad : Semi-metallic compound



MB 600

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN

Weight : 210g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 500

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN

Weight : 210g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 845A

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight : 218g
Finish : Black
Rotor : OD-160C
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 845B

Technical features

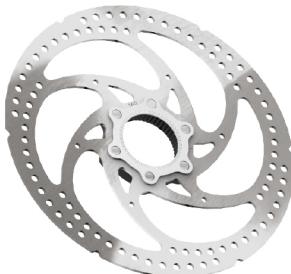
Special design for the right side mount
2-piece uniform casting process design
Perfect for : MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight : 218g
Finish : Black
Rotor : OD-160C
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



ROTORS

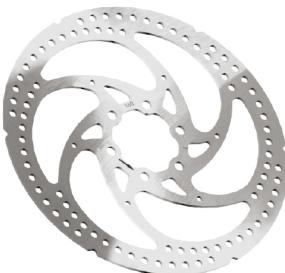
Rotor OD	Wave	6 (C)	12 (L)	6 (CC)	12 (LCB)
Size	Weight	Weight	Weight	Weight	Weight
120mm	4"	90g	66g	126g	102g
140mm	5"	102g	86g	138g	122g
160mm	6"	136g	104g	172g	140g
180mm	7"	173g	134g	209g	170g
203mm	8"	225g	172g	261g	208g



Wave 6 (CC)



Wave 12 (LCB)



Wave 6 (C)

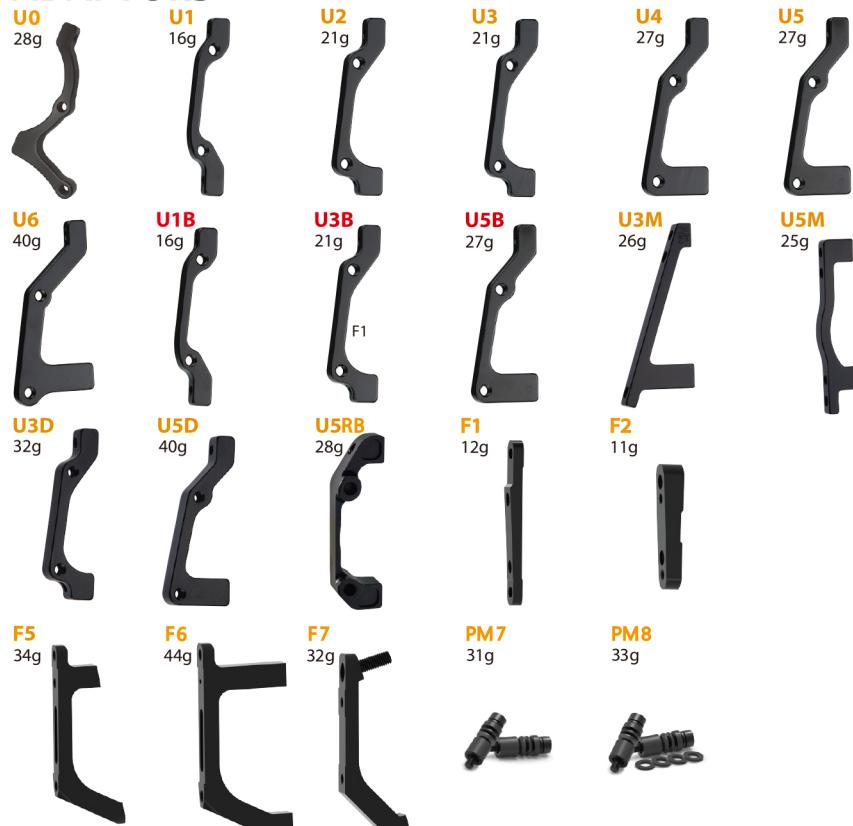


BR302



Wave 12 (L)

ADAPTORS



All series Bengal disc brake

Fork / R	IS-51		PM-74		IS-51 (20mm)		IS-51 (mirror)		FM-70	FM-34	FM-70	FM-34
	Caliper	post mount		post mount		post mount		flat mount	front	rear	front	rear
5"	rotor OD	front	rear	front	rear	front	front/rear	front	F1	DM	F5	F7
	140											
	160								F1	F2	F6	
	140	U0	U1									
6"	160	U1	U2	DM	DM			U1B				
	180	U3	U4	U3M/PM7	U3M/PM7	U3D	U3B					
	203	U5	U6	U5M	U5M	U5D	U5B					
	180			DM	DM							
7"	200			PM7	PM7							
	203			PM8	PM8							

DM=Direct Mount

U5RB / Rockshox Boxxer IS mount