

MB1 Caliper Disc Brake

The MB1 mechanical brake is a reliable, powerful, compact and cost effective brake solution. This is THE ORIGINAL Airheart MB1 Brake. Tolomatic has built this durable brake for decades and it remains as popular as ever.

FEATURES:

- Compact & Powerful
- Hardened Steel Components for Durability
- Cost Effective
- Lightweight Aluminum Housing
- Efficient Design: Only 4 Moving Parts
- Uniform Brake Torque Applied Throughout Entire Lining Life
- Simple Lever Adjustment (Required Only 3 Times During Lining Life)
- Fixed or Floating Mount
- Fits 0.187 in (4.75mm) Thick Disc
- Optional Spacer for .25 in (6.35mm) Thick Disc



POSITIVE STOPPING POWER FOR LIGHT & MEDIUM DUTY APPLICATIONS









LAWN & GARDEN

RECREATIONAL

INDUSTRIAL VEHICLES

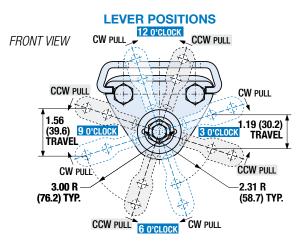
AUTOMATION

SPECIFICATIONS

	U.S. Standard measure	Metric measure
Maximum Continuous Lever Force	150 lbf	667 N
Maximum Intermittent Lever Force	200 lbf	890 N
Dynamic Torque (in-lb) / (N-m)	5.40 x lever force x (disc radius - 0.60")	0.0054 x lever force x (disc radius - 15.24mm)
Parking Torque (in-lb) / (N-m)	2.70 x lever force x (disc radius - 0.60")	0.0027 x lever force x (disc radius - 15.24mm)
Total Lining Area (two linings)	3.6 in ²	2322.6 mm²
Usable Lining Thickness	0.24 in	6.10 mm
Maximum Wearable Lining	$0.87 \ in^3$	14.257 ml
Disc Diameter	4 in to unlimited	101.6 mm to unlimited
Disc Thickness	0.187 in or 0.250 in	4.75 mm or 6.35 mm
Weight	13 oz	0.369 kg
Weight (with optional Floating Mount Bracket)	19 oz	0.539 kg



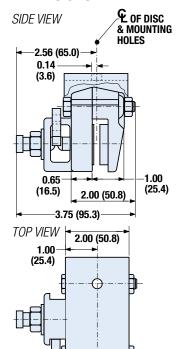
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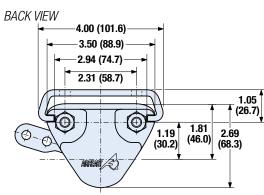


	ver ition	Direction of Pull	Assembly No.		
"O'Clock"		CW = Clockwise CCW = Counter Clockwise			
Standard Model - 3/16" disc					
12		CW	3000-0001		
12	1	CCW	3000-0002		
3	(C)	CW	3000-0003		
3	(CCW	30 00-0004		
6	①	CW	3000-0005		
6	①	CCW	3000-0006		
9	(E)	CW	3000-0007		
9	0	CCW	3000-0008		
with Floating Mount Bracket - 3/16" disc					
12		CW	3000-0009		
12	1	CCW	3000-0010		
3	(C)	CW	3000-0011		
3	()	CCW	3000-0012		
6	①	CW	3000-0013		
6	<u></u>	CCW	3000-0014		
9	(<u>O</u>	CW	3000-0015		
9	0	CCW	3000-0016		

Lever Position		Direction of Pull	Assembly No.	
"O'Clock"		CW = Clockwise		
		CCW = Counter Clockwise		
Stand	lard M	odel - 1/4'	' disc	
12		CW	3000-0034	
12		CCW	3000-0035	
3		CW	3000-0036	
3	(a)	CCW	3000-0037	
6	(J)	CW	3000-0038	
6		CCW	3000-0039	
9	0	CW	3000-0040	
9	\odot	CCW	3000-0041	
with Floating Mount Bracket - 1/4" disc				
12		CW	3000-0020	
12	(1)	CCW	3000-0021	
3	(C)	CW	3000-0022	
3		CCW	3000-0023	
6	(J)	CW	3000-0024	
6	(CCW	3000-0025	
9	(<u>O</u>	CW	3000-0026	
9		CCW	3000-0027	

DIMENSIONS:





0.28 (7.1) DIA. THRU 2 HOLES

Dimensions in inches (dimensions in millimeters)





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201404231101