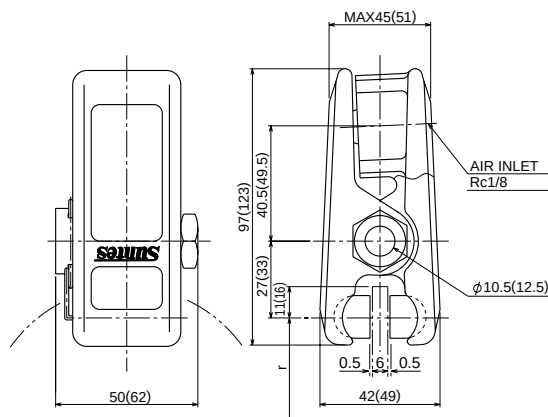


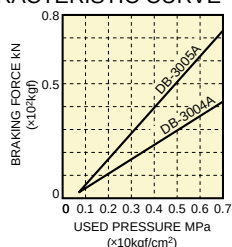
Pneumatic Applied

DB-3004A - 3005A



() is for 3005A.

● CHARACTERISTIC CURVE



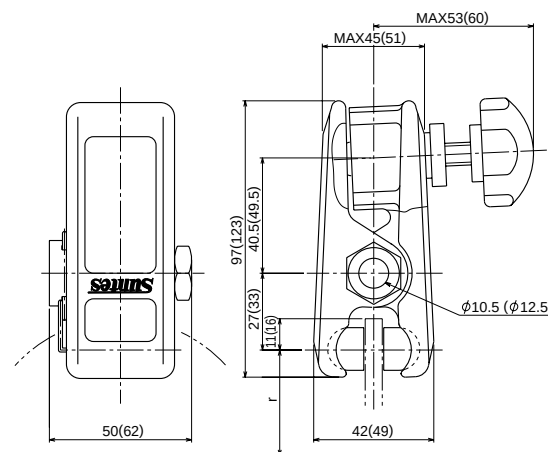
• COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

MODEL TYPE	3004A	3005A
USABLE DISC DIA (mm)	φ100-∞	
DISC THICKNESS (mm)	6	
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 16 \right)$
PAD MODEL TYPE	DB-0428-K※※※	DB-0429-K※※※
WEAR ALLOWANCE OF PAD (mm)	2	
AREA OF CYLINDER (cm ²)	7.1	12.6
MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm ²)	
WEIGHT (g)	360	670
TORQUE CALCULATION (BRAKING FORCE=kN)	T (kN·m) = kN × r	

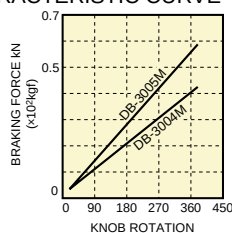
Knob Operated

DB-3004M - 3005M



() is for 3005M.

● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

MODEL TYPE	3004M	3005M
USABLE DISC DIA (mm)	φ100-∞	
DISC THICKNESS (mm)	6	
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 16 \right)$
PAD MODEL TYPE	DB-0428-K※※※	DB-0429-K※※※
WEAR ALLOWANCE OF PAD (mm)	2	
WEIGHT (g)	390	750
TORQUE CALCULATION (BRAKING FORCE=kN)	T (kN·m) = kN × r	

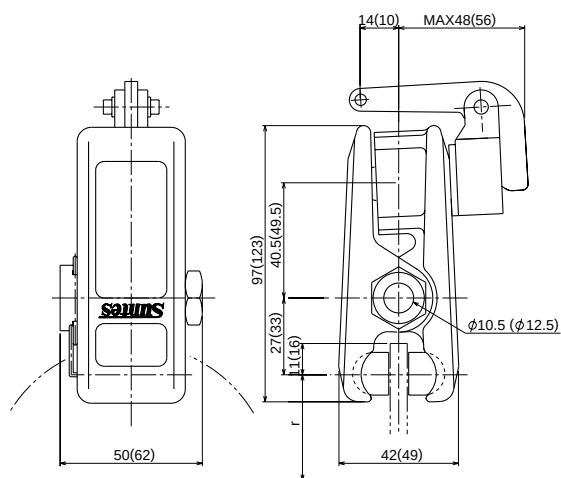
• Dimensions and specifications might be changed for improvement without notice.

Lever Operated

DB-3004H - 3005H

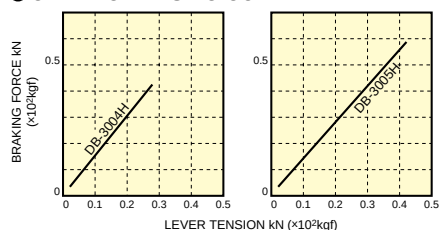


DB-3004H



() is for 3005H.

● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3

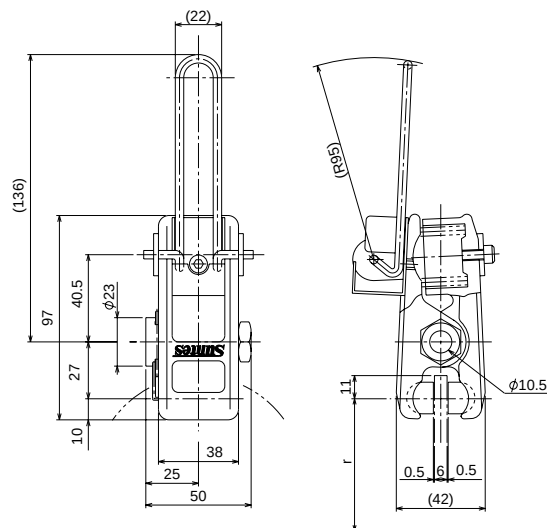
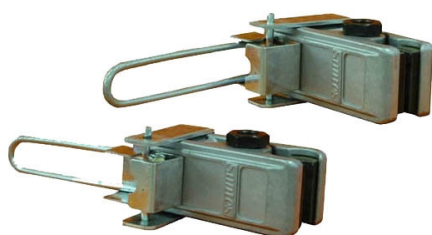
● SPECIFICATION

	3004H	3005H
• MODEL TYPE	3004H	3005H
• USABLE DISC DIA (mm)	$\phi 100 \sim \infty$	
• DISC THICKNESS (mm)	6	
• EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 16 \right)$
• PAD MODEL TYPE	DB-0428-K***	DB-0429-K***
• WEAR ALLOWANCE OF PAD (mm)	2	
• WEIGHT (g)	440	800
• TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN-m)} = kN \times r$	

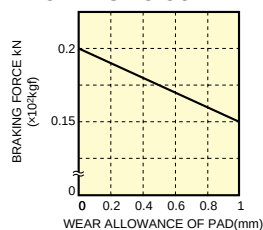
2

Spring Applied Lever Released

DB-3004H-101



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

• MODEL TYPE	DB-3004H-101
• USABLE DISC DIA (mm)	$\phi 100 \sim \infty$
• DISC THICKNESS (mm)	6
• EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$
• PAD MODEL TYPE	DB-0428-K***
• WEAR ALLOWANCE OF PAD (mm)	2
• WEIGHT (g)	400
• TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN-m)} = kN \times r$

• Dimensions and specifications might be changed for improvement without notice.

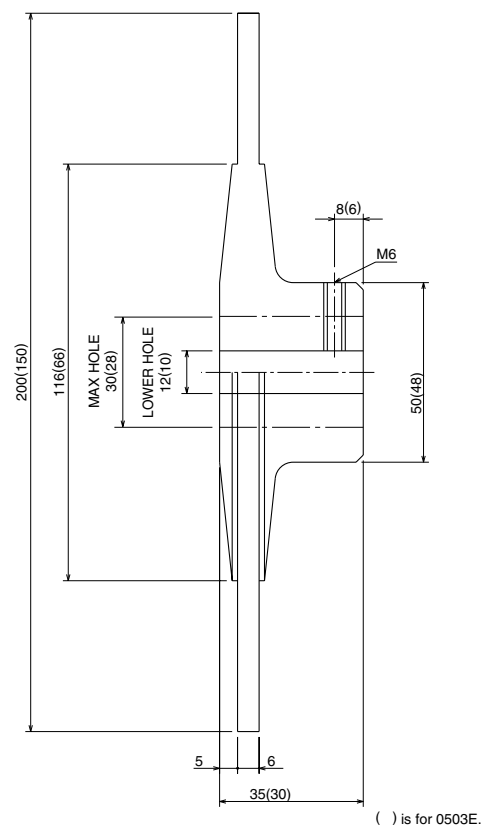
Mini Disc

DB-0503E - 0504E



● SPECIFICATION

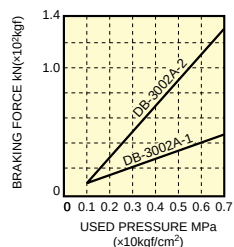
· MODEL TYPE		0503E	0504E
· MAX. ROTATION SPEED (min ⁻¹)		3800	2800
· INERTIA MOMENT (kg·m ²)		0.002	0.008
· WEIGHT (kg)		1.1	2.1



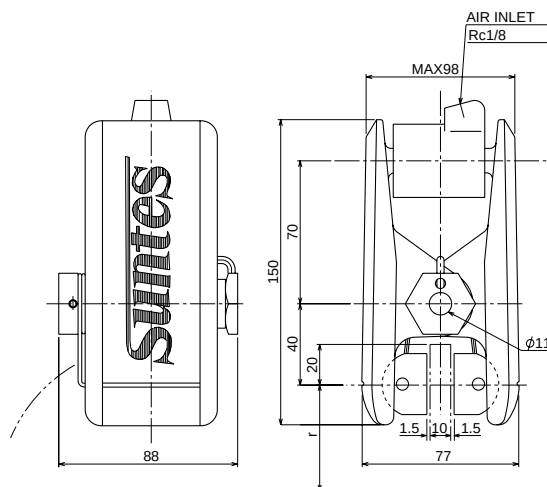
DB-3002A



● CHARACTERISTIC CURVE



· COEFFICIENT OF DYNAMIC FRICTION 0.3



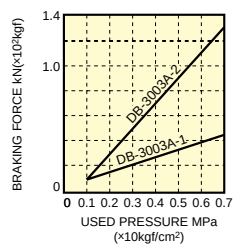
● SPECIFICATION

MODEL TYPE	3002A-1	3002A-2
· USABLE DISC DIA (mm)	φ150-∞	
· DISC THICKNESS (mm)	10-10.4	
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 20 \right)$	
· PAD MODEL TYPE	DB-0430-K※※※	
· WEAR ALLOWANCE OF PAD (mm)	5	
· AREA OF CYLINDER (cm²)	7.1	19.6
· MAX.WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)	
· WEIGHT (kg)	1.2	1.3
· TORQUE CALCULATION (BRAKING FORCE=kN)	$T (kN \cdot m) = kN \times r$	

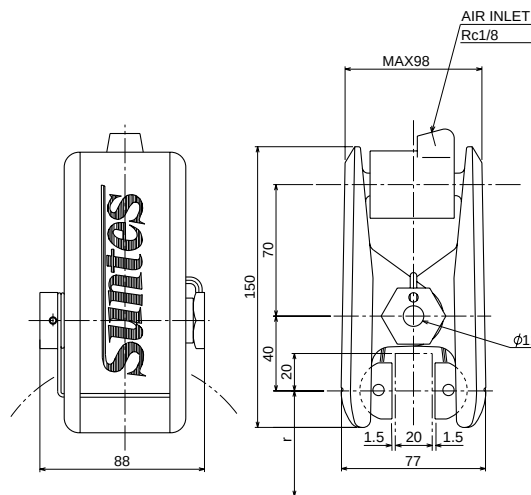
DB-3003A



● CHARACTERISTIC CURVE



· COEFFICIENT OF DYNAMIC FRICTION 0.3



● SPECIFICATION

MODEL TYPE	3003A-1	3003A-2
· USABLE DISC DIA (mm)	φ150-∞	
· DISC THICKNESS (mm)	20	
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 20 \right)$	
· PAD MODEL TYPE	DB-0431-K※※※	
· WEAR ALLOWANCE OF PAD (mm)	5	
· AREA OF CYLINDER (cm²)	7.1	19.6
· MAX.WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)	
· WEIGHT (kg)	1.2	1.4
· TORQUE CALCULATION (BRAKING FORCE=kN)	$T (kN \cdot m) = kN \times r$	

· Dimensions and specifications might be changed for improvement without notice.