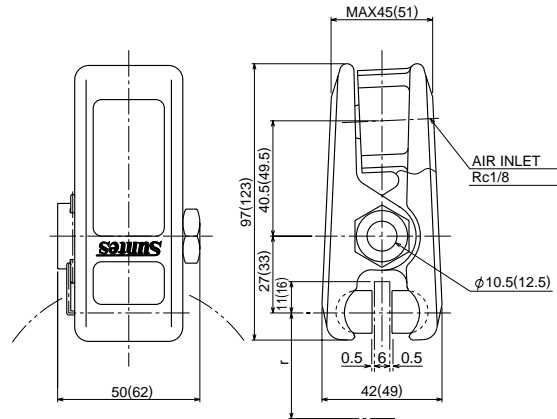
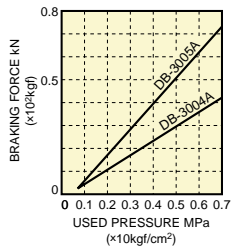


Pneumatic Applied DB-3004A - 3005A



() is for 3005A.

● CHARACTERISTIC CURVE

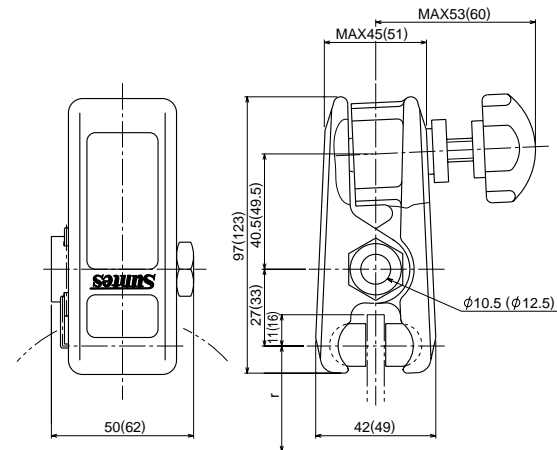


· COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

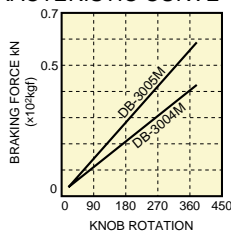
	3004A	3005A
· MODEL TYPE	3004A	3005A
· USABLE DISC DIA (mm)	φ100-∞	
· DISC THICKNESS (mm)	6	
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 16 \right)$
· PAD MODEL TYPE	DB-0428-K※※※	DB-0429-K※※※
· WEAR ALLOWANCE OF PAD (mm)	2	
· AREA OF CYLINDER (cm²)	7.1	12.6
· MAX.WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)	
· 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

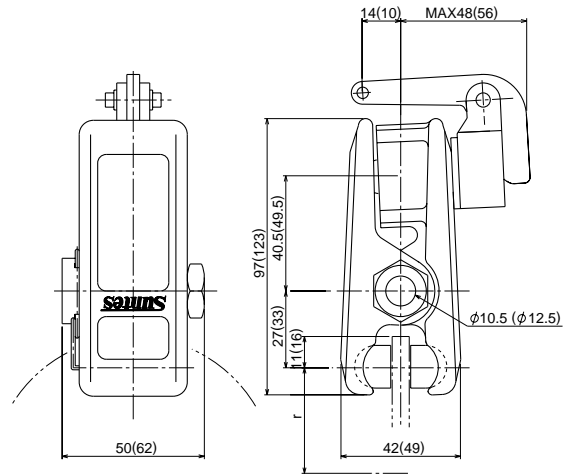
● SPECIFICATION

	3004M	3005M
· 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	

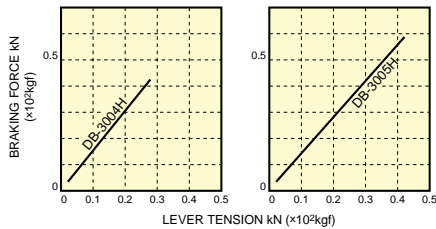
Lever Operated
DB-3004H - 3005H



DB-3004H



● CHARACTERISTIC CURVE



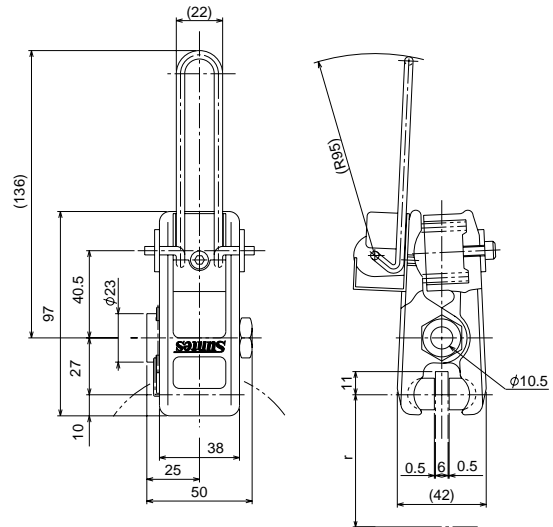
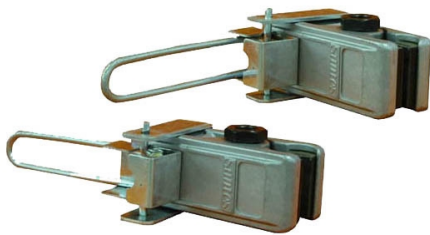
• COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

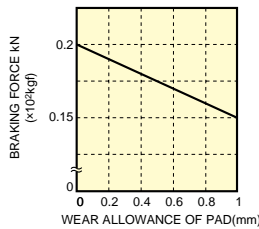
	3004H	3005H
• MODEL TYPE	3004H	3005H
• USABLE DISC DIA (mm)	$\phi 100-\infty$	
• DISC THICKNESS (mm)	6	
• EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 11 \right)$	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 16 \right)$
• PAD MODEL TYPE	DB-0428-K※※※	DB-0429-K※※※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

() is for 3005H.

Spring Applied Lever Released
DB-3004H-101



● CHARACTERISTIC CURVE

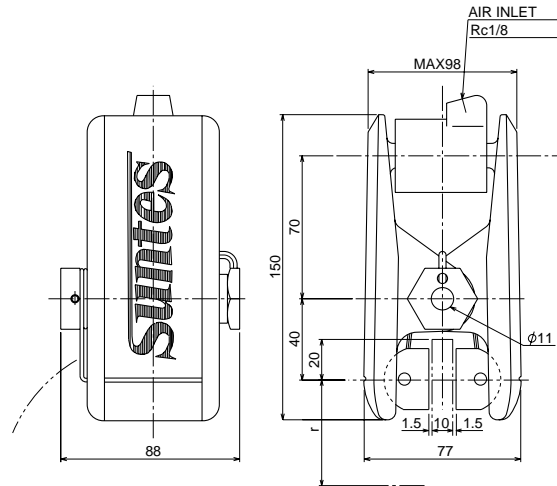


• COEFFICIENT OF DYNAMIC FRICTION 0.3

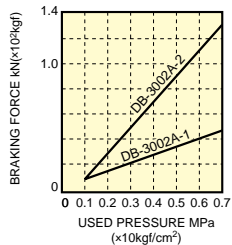
● SPECIFICATION

• MODEL TYPE	DB-3004H-101
• USABLE DISC DIA (mm)	$\phi 100-\infty$
• 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)	$T \text{ (kN-m)} = kN \times r$

DB-3002A



● CHARACTERISTIC CURVE



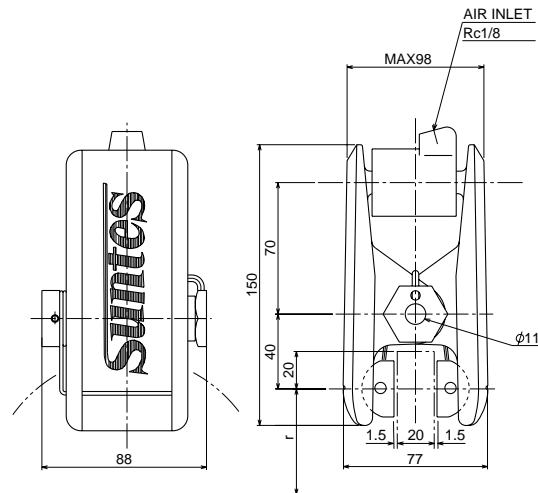
· COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

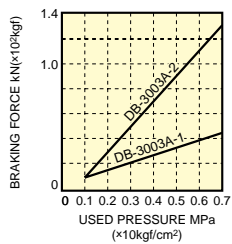
	3002A-1	3002A-2
· MODEL TYPE	3002A-1	3002A-2
· USABLE DISC DIA (mm)	φ150-∞	
· DISC THICKNESS (mm)	10-10.4	
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 20 \right)$	
· PAD MODEL TYPE	DB-0430-K※※※	
· WEAR ALLOWANCE OF PAD (mm)	5	
· AREA OF CYLINDER (cm ²)	7.1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

4

DB-3003A



● CHARACTERISTIC CURVE



· COEFFICIENT OF DYNAMIC FRICTION 0.3

● SPECIFICATION

	3003A-1	3003A-2
· 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 (cm ²)	7.1	19.6
· MAX.WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm ²)	
· WEIGHT (kg)	1.2	1.4
· TORQUE CALCULATION (BRAKING FORCE=kN)	T (kN·m) = kN × r	