

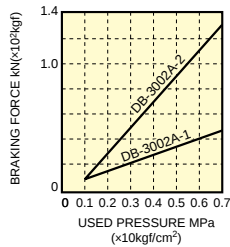
Mini Caliper

[Pneumatic Applied Spring Release]

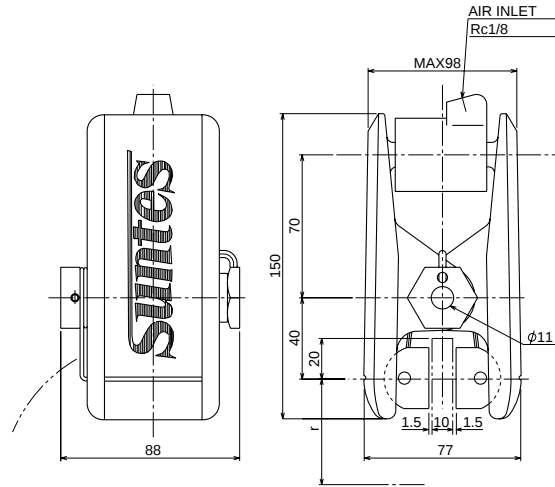
DB-3002A



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3



● SPECIFICATION

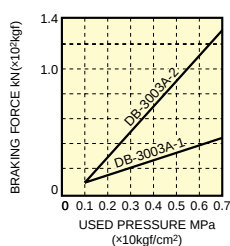
MODEL TYPE	3002A-1	3002A-2
USABLE DISC DIA (mm)	$\phi 150-\infty$	
DISC THICKNESS (mm)	10-10.4	
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 20 \right)$	
PAD MODEL TYPE	DB-0430-K※※※	
WEAR ALLOWANCE OF PAD (mm)	5	
AREA OF CYLINDER (cm²)	7.1	19.6
MAX.WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)	
WEIGHT (kg)	1.2	1.3
TORQUE CALCULATION (BRAKING FORCE=kN)	$T (\text{kN}\cdot\text{m}) = \text{kN} \times r$	

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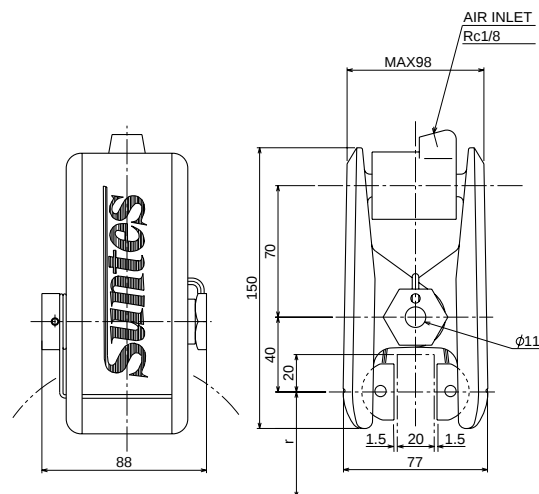
DB-3003A



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3



● SPECIFICATION

MODEL TYPE	3003A-1	3003A-2
USABLE DISC DIA (mm)	$\phi 150-\infty$	
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)	$T (\text{kN}\cdot\text{m}) = \text{kN} \times r$	