



MODEL	8002 / 8003
A	21.50"
B	23.22"
C	6.50"
D	14.75"
E	8.50"
F	4.06"
G	6.625"
H	3.375"
I	12.38"
J	25.73"

SERIES 8000 CALIPER BRAKE FLOOR MOUNT	
Corresponding Rotors: 48SVD (48" Diameter)	
Friction Lining Area: 192 Sq Inches	Wearable Lining Volume: 38 Cu Inches
Design: Open	Medium Volume: 32 Cu Inches
Housing Construction: Steel	Braking Tangential Force: 16,000 lbs @ 80 PSI
Piston / Cylinder Construction: Stainless Steel	Torque In/Lbs: $T = \frac{\text{Rotor Dia.}}{2} \times 3.5 \times 16,000 \text{ LBS}$
Port Size: 1/2" NPT (2 Places)	Static Torque using 48SVD Rotor @ Full Lining: 328,000 in/lbs.
Friction Lining: .45 Coefficient of Friction	Surface Finish: Enamel Paint

AIR APPLIED / SPRING RELEASE 8002	SPRING APPLIED / AIR RELEASE 8003
Weight: 300 Lbs	Weight: 320 Lbs
Mounting: Floor Mount	
Description: Double Air Applied Caliper Brake	Description: Double Spring Applied Air Release Caliper Brake
Actuation Method: Pneumatic	Actuation Method: Spring Force
Maximum Pressure: 120 PSI	Maximum Pressure: 120 PSI Minimum Release Pressure: 75 PSI
Piston: Single Acting Hydraulic Applied / Spring Return	Piston: Single Acting Spring Applied / Air Release