

# CIL55 series

## 8-piston brake caliper



The CIL55 series caliper can be tailored for a wide range of applications with various piston and disc sizes available.

Installation drawings and models are available upon request.

### Specifications

Caliper material	SG iron
Number of pistons	8
Piston diameters	60mm to 64mm
Disc diameter range	400mm to 410mm
Disc thickness range	20mm to 40mm
Fluid inlet	M10 conical seat or gasket face
Number of pads	4
Pad thickness	21mm
Pad area	88.3cm <sup>2</sup>
Assembled weight	26kg
Mounting attitude	3 or 9 o'clock approx.



### Applications

SUV, armoured vehicles, defence, emergency services, ground support, specialist applications

### Key features and benefits

- Robust 6 hole lug mount.
- Hanging pads with anti-rattle clips.
- Acid zinc plating with additional paint option.
- EPDM seal material.

### Brake torque calculator

Number of pistons	Piston diameters				K (dynamic)	Min disc diameter	Max disc diameter	P (max operating pressure)	R (friction radius calc)
	60	60	60	60					
8	60	60	60	60	0.95	400	410	140	Disc dia/2 -35
8	64	64	64	64	1.08	400	410	140	Disc dia/2 -35

$$\text{Brake torque (Nm)} = K \times P \times R$$