



# CX NANO

## PNEUMATIC POSITIVE CALIPER



- ✓ Modularity and flexibility
- ✓ Very compact design
- ✓ High reliability and sensibility with low torques
- ✓ Reduced torque version for highest sensibility
- ✓ Respect for the environment
- ✓ Easy installation

CX NANO Combiflex calipers are particularly designed for applications that require considerable braking torques in very narrow spaces.

The special characteristic of this system is its modularity: one or more calipers can be installed on brake discs PX with different dimensions obtaining the perfect solution for every requirement.

Moreover, each caliper can be activated or deactivated depending on the required torque, giving maximum flexibility when using different kind of materials.

All calipers are provided with absolute asbestos free pads to safeguard the operator's health and the working environment.

CX NANO calipers are also available with 30% reduced torque for those applications that require highest sensibility in terms of braking and where the required torque is very low. The percentage value indicates the braking force in comparison with the standard caliper.

Moreover, it is available for 6, 8 or 12 mm thickness of disc and with different kind of brackets for an easy, quick and perfect installation.

The technical drawings show the side and front views of the R4100 disc brake. The side view indicates dimensions A, B, C, and D, with a total height of 85 mm. The front view shows a disc diameter of 84 mm, a mounting hole diameter of 64 mm, and a central hole diameter of 30 mm. The disc is mounted on a hub with a diameter of 39.5 mm. The disc is labeled 'Re' and '1/8 gas'. The disc thickness is 60 mm. The disc is mounted on a hub with a diameter of 30 mm. The disc is labeled 'Re' and '1/8 gas'. The disc thickness is 60 mm. The disc is mounted on a hub with a diameter of 30 mm.

The performance graph shows the relationship between Air pressure (bar) and Braking torque in tensioning (Nm) for different disc diameters (200, 250, 300, 356 mm). The graph shows that the braking torque increases with air pressure and disc diameter.

Air pressure (bar)	200 mm	250 mm	300 mm	356 mm
0	0	0	0	0
1	10	15	20	25
2	20	30	40	50
3	30	45	60	75
4	40	60	80	100
5	50	75	100	125
6	60	90	120	150

	A	B	C	D
Disc 6 mm	84,3	51,3	47,3	6
Disc 8 mm	86,3	53,3	48,3	8
Disc 12,7 mm	90,8	57,8	50,5	12,7
Tangential force (F) at 6 bar				max 510 N
Max pressure				6 bar
Pad center (Mp)				0,04 m

 Re

Assistenza commerciale  
Sales support  
**T** +39 02 952430.200  
**E** [sales@re-spa.com](mailto:sales@re-spa.com)